

Dresden

Klinik und Poliklinik für Neurochirurgie Universitätsklinikum Carl Gustav Carus der TU Dresden
Fetscherstraße 74 01307 Dresden

www.uniklinikum-dresden.de — Univ.-Prof. Dr. med. Ilker Y. EYÜPOGLU Direktor Tel.: 0351/458-2883
Fax: 0351/458-4304 Ilker.Eyuepoglu@ukdd.de

Ortrud Uckermann

Mido M Hijazi

Dietmar Krex

Tareq A Juratli

Stephan B Sobottka

Publications

- [Predictive factors for post-therapeutic biochemical discordance in acromegaly: a monocentric analysis of 156 cases](#)
- [Post-traumatic hydrocephalus after decompressive craniectomy: a multidimensional analysis of clinical, radiological, and surgical risk factors](#)
- [Publisher Correction: Genomic reanalysis of a pan-European rare-disease resource yields new diagnoses](#)
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- [The genetic and phenotypic spectrum of GABRB1-related disorders](#)
- [Managing hydrocephalus in patients with leptomeningeal disease: A multicenter retrospective analysis](#)
- [Neural Metabolic Networks: Key Elements of Healthy Brain Function](#)
- [Endovascular Therapy for Late-Window M2-Segment Middle Cerebral Artery Occlusion: Analysis of the CLEAR Study](#)

Mühle R, Markgraf W, Hilsmann A, Malberg H, Eisert P, Wisotzky EL. Comparison of different spectral cameras for image-guided organ transplantation. J Biomed Opt. 2021 Jul;26(7). doi: 10.1117/1.JBO.26.7.076007. PMID: 34304399.

1: Nahm W, Hornberger C, Morgenstern U, Sobottka SB. Optical imaging methods in medicine: how can we escape the plausibility trap? Biomed Tech (Berl). 2018 Sep 22. pii: /j/bmte.ahead-of-print/bmt-2018-2001/bmt-2018-2001.xml. doi: 10.1515/bmt-2018-2001. [Epub ahead of print] PubMed PMID: 30243014.

2: Chen F, Müller J, Müller J, Tetzlaff R. Intraoperative motion correction in neurosurgery: a comparison of intensity- and feature-based methods. *Biomed Tech (Berl)*. 2018 Sep 21. pii: /j/bmte.ahead-of-print/bmt-2017-0188/bmt-2017-0188.xml. doi: 10.1515/bmt-2017-0188. [Epub ahead of print] PubMed PMID: 30240354.

3: Collord G, Tarpey P, Kurbatova N, Martincorena I, Moran S, Castro M, Nagy T, Bignell G, Maura F, Young MD, Berna J, Tubio JMC, McMurran CE, Young AMH, Sanders M, Noorani I, Price SJ, Watts C, Leipnitz E, Kirsch M, Schackert G, Pearson D, Devadass A, Ram Z, Collins VP, Allinson K, Jenkinson MD, Zakaria R, Syed K, Hanemann CO, Dunn J, McDermott MW, Kirollos RW, Vassiliou GS, Esteller M, Behjati S, Brazma A, Santarius T, McDermott U. An integrated genomic analysis of anaplastic meningioma identifies prognostic molecular signatures. *Sci Rep*. 2018 Sep 10;8(1):13537. doi: 10.1038/s41598-018-31659-0. PubMed PMID: 30202034; PubMed Central PMCID: PMC6131140.

4: Xekouki P, Lodge EJ, Matschke J, Santambrogio A, Apps JR, Sharif A, Jacques TS, Aylwin S, Prevot V, Li R, Flitsch J, Bornstein SR, Theodoropoulou M, Andoniadou CL. Non-secreting pituitary tumours characterised by enhanced expression of YAP/TAZ. *Endocr Relat Cancer*. 2018 Aug 23. pii: ERC-18-0330. doi: 10.1530/ERC-18-0330. [Epub ahead of print] PubMed PMID: 30139767.

5: Juratli TA, McCabe D, Nayyar N, Williams EA, Silverman IM, Tummala SS, Fink AL, Baig A, Martinez-Lage M, Selig MK, Bihun IV, Shankar GM, Penson T, Lastrapes M, Daubner D, Meinhardt M, Hennig S, Kaplan AB, Fujio S, Kuter BM, Bertalan MS, Miller JJ, Batten JM, Ely HA, Christiansen J, Baretton GB, Stemmer-Rachamimov AO, Santagata S, Rivera MN, Barker FG 2nd, Schackert G, Wakimoto H, Iafrate AJ, Carter SL, Cahill DP, Brastianos PK. DMD genomic deletions characterize a subset of progressive/higher-grade meningiomas with poor outcome. *Acta Neuropathol*. 2018 Aug 19. doi: 10.1007/s00401-018-1899-7. [Epub ahead of print] PubMed PMID: 30123936.

6: Witt H, Gramatzki D, Hentschel B, Pajtler KW, Felsberg J, Schackert G, Löffler M, Capper D, Sahm F, Sill M, von Deimling A, Kool M, Herrlinger U, Westphal M, Pietsch T, Reifenberger G, Pfister SM, Tonn JC, Weller M; German Glioma Network. DNA methylation-based classification of ependymomas in adulthood: implications for diagnosis and treatment. *Neuro Oncol*. 2018 Jul 24. doi: 10.1093/neuonc/noy118. [Epub ahead of print] PubMed PMID: 30053291.

7: Helbig S, Thuermer A, Dengl M, Krukowski P, de With K. Cerebral Abscess by *Fonsecaea monophora*-The First Case Reported in Germany. *Open Forum Infect Dis*. 2018 Jun 4;5(6):ofy129. doi: 10.1093/ofid/ofy129. eCollection 2018 Jun 1. PubMed PMID: 29977972; PubMed Central PMCID: PMC6012538.

8: Juratli TA, Stasik S, Zolal A, Schuster C, Richter S, Daubner D, Juratli MA, Thowe R, Hennig S, Makina M, Meinhardt M, Lautenschlaeger T, Schackert G, Krex D, Thiede C. TERT Promoter Mutation Detection in Cell-Free Tumor-Derived DNA in Patients with IDH-wildtype Glioblastomas: A Pilot Prospective Study. *Clin Cancer Res*. 2018 Jun 25. doi: 10.1158/1078-0432.CCR-17-3717. [Epub ahead of print] PubMed PMID: 29941484.

9: Brainstorm Consortium, Anttila V, Bulik-Sullivan B, Finucane HK, Walters RK, Bras J, Duncan L, Escott-Price V, Falcone GJ, Gormley P, Malik R, Patsopoulos NA, Ripke S, Wei Z, Yu D, Lee PH, Turley P, Grenier-Boley B, Chouraki V, Kamatani Y, Berr C, Letenneur L, Hannequin D, Amouyel P, Boland A, Deleuze JF, Duron E, Vardarajan BN, Reitz C, Goate AM, Huentelman MJ, Kamboh MI, Larson EB, Rogaeva E, St George-Hyslop P, Hakonarson H, Kukull WA, Farrer LA, Barnes LL, Beach TG, Demirci FY, Head E, Hulette CM, Jicha GA, Kauwe JSK, Kaye JA, Leverenz JB, Levey AI, Lieberman AP, Pankratz VS, Poon WW, Quinn JF, Saykin AJ, Schneider LS, Smith AG, Sonnen JA, Stern RA, Van Deerlin VM, Van Eldik LJ, Harold D, Russo G, Rubinsztein DC, Bayer A, Tsolaki M, Proitsi P, Fox NC, Hampel H, Owen MJ, Mead S, Passmore P, Morgan K, Nöthen MM, Rossor M, Lupton MK, Hoffmann P, Kornhuber J, Lawlor B,

McQuillin A, Al-Chalabi A, Bis JC, Ruiz A, Boada M, Seshadri S, Beiser A, Rice K, van der Lee SJ, De Jager PL, Geschwind DH, Riemenschneider M, Riedel-Heller S, Rotter JI, Ransmayr G, Hyman BT, Cruchaga C, Alegret M, Winsvold B, Palta P, Farh KH, Cuenca-Leon E, Furlotte N, Kurth T, Ligthart L, Terwindt GM, Freilinger T, Ran C, Gordon SD, Borck G, Adams HHH, Lehtimäki T, Wedenoja J, Buring JE, Schürks M, Hrafnisdottir M, Hottenga JJ, Penninx B, Artto V, Kaunisto M, Vepsäläinen S, Martin NG, Montgomery GW, Kurki MI, Hämäläinen E, Huang H, Huang J, Sandor C, Webber C, Muller-Myhsok B, Schreiber S, Salomaa V, Loehrer E, Göbel H, Macaya A, Pozo-Rosich P, Hansen T, Werge T, Kaprio J, Metspalu A, Kubisch C, Ferrari MD, Belin AC, van den Maagdenberg AMJM, Zwart JA, Boomsma D, Eriksson N, Olesen J, Chasman DI, Nyholt DR, Avbersek A, Baum L, Berkovic S, Bradfield J, Buono R, Catarino CB, Cossette P, De Jonghe P, Depondt C, Dlugos D, Ferraro TN, French J, Hjalgrim H, Jamnadas-Khoda J, Kälviäinen R, Kunz WS, Lerche H, Leu C, Lindhout D, Lo W, Lowenstein D, McCormack M, Møller RS, Molloy A, Ng PW, Oliver K, Privitera M, Radtke R, Ruppert AK, Sander T, Schachter S, Schankin C, Scheffer I, Schoch S, Sisodiya SM, Smith P, Sperling M, Striano P, Surges R, Thomas GN, Visscher F, Whelan CD, Zara F, Heinzen EL, Marson A, Becker F, Stroink H, Zimprich F, Gasser T, Gibbs R, Heutink P, Martinez M, Morris HR, Sharma M, Ryten M, Mok KY, Pulit S, Bevan S, Holliday E, Attia J, Battey T, Boncoraglio G, Thijs V, Chen WM, Mitchell B, Rothwell P, Sharma P, Sudlow C, Vicente A, Markus H, Kourkoulis C, Pera J, Raffeld M, Silliman S, Boraska Perica V, Thornton LM, Huckins LM, William Rayner N, Lewis CM, Gratacos M, Rybakowski F, Keski-Rahkonen A, Raevuori A, Hudson JI, Reichborn-Kjennerud T, Monteleone P, Karwautz A, Mannik K, Baker JH, O'Toole JK, Trace SE, Davis OSP, Helder SG, Ehrlich S, Herpertz-Dahlmann B, Danner UN, van Elburg AA, Clementi M, Forzan M, Docampo E, Lissowska J, Hauser J, Tortorella A, Maj M, Gonidakis F, Tziouvas K, Papezova H, Yilmaz Z, Wagner G, Cohen-Woods S, Herms S, Julià A, Rabionet R, Dick DM, Ripatti S, Andreassen OA, Espeseth T, Lundervold AJ, Steen VM, Pinto D, Scherer SW, Aschauer H, Schosser A, Alfredsson L, Padyukov L, Halmi KA, Mitchell J, Strober M, Bergen AW, Kaye W, Szatkiewicz JP, Cormand B, Ramos-Quiroga JA, Sánchez-Mora C, Ribasés M, Casas M, Hervás A, Arranz MJ, Haavik J, Zayats T, Johansson S, Williams N, Dempfle A, Rothenberger A, Kuntsi J, Oades RD, Banaschewski T, Franke B, Buitelaar JK, Arias Vasquez A, Doyle AE, Reif A, Lesch KP, Freitag C, Rivero O, Palmason H, Romanos M, Langley K, Rietschel M, Witt SH, Dalsgaard S, Børglum AD, Waldman I, Wilmot B, Molly N, Bau CHD, Crosbie J, Schachar R, Loo SK, McGough JJ, Grevet EH, Medland SE, Robinson E, Weiss LA, Bacchelli E, Bailey A, Bal V, Battaglia A, Betancur C, Bolton P, Cantor R, Celestino-Soper P, Dawson G, De Rubeis S, Duque F, Green A, Klauck SM, Leboyer M, Levitt P, Maestrini E, Mane S, De-Luca DM, Parr J, Regan R, Reichenberg A, Sandin S, Vorstman J, Wassink T, Wijsman E, Cook E, Santangelo S, Delorme R, Rogé B, Magalhaes T, Arking D, Schulze TG, Thompson RC, Strohmaier J, Matthews K, Melle I, Morris D, Blackwood D, McIntosh A, Bergen SE, Schalling M, Jamain S, Maaser A, Fischer SB, Reinbold CS, Fullerton JM, Guzman-Parra J, Mayoral F, Schofield PR, Cichon S, Mühleisen TW, Degenhardt F, Schumacher J, Bauer M, Mitchell PB, Gershon ES, Rice J, Potash JB, Zandi PP, Craddock N, Ferrier IN, Alda M, Rouleau GA, Turecki G, Ophoff R, Pato C, Anjorin A, Stahl E, Leber M, Czerski PM, Cruceanu C, Jones IR, Posthuma D, Andlauer TFM, Forstner AJ, Streit F, Baune BT, Air T, Sinnamon G, Wray NR, MacIntyre DJ, Porteous D, Homuth G, Rivera M, Grove J, Middeldorp CM, Hickie I, Pergadia M, Mehta D, Smit JH, Jansen R, de Geus E, Dunn E, Li QS, Nauck M, Schoevers RA, Beekman AT, Knowles JA, Viktorin A, Arnold P, Barr CL, Bedoya-Berrio G, Bienvenu OJ, Brentani H, Burton C, Camarena B, Cappi C, Cath D, Cavallini M, Cusi D, Darrow S, Denys D, Derks EM, Dietrich A, Fernandez T, Figee M, Freimer N, Gerber G, Grados M, Greenberg E, Hanna GL, Hartmann A, Hirschtritt ME, Hoekstra PJ, Huang A, Huyser C, Illmann C, Jenike M, Kuperman S, Leventhal B, Lochner C, Lyon GJ, Macciardi F, Madruga-Garrido M, Malaty IA, Maras A, McGrath L, Miguel EC, Mir P, Nestadt G, Nicolini H, Okun MS, Pakstis A, Paschou P, Piacentini J, Pittenger C, Plessen K, Ramensky V, Ramos EM, Reus V, Richter MA, Riddle MA, Robertson MM, Roessler V, Rosário M, Samuels JF, Sandor P, Stein DJ, Tsetsos F, Van Nieuwerburgh F, Weatherall S, Wendland JR, Wolanczyk T, Worbe Y, Zai G, Goes FS, McLaughlin N, Nestadt PS, Grabe HJ, Depienne C, Konkashbaev A, Lanzagorta N, Valencia-Duarte A, Bramon E, Buccola N, Cahn W, Cairns M, Chong SA, Cohen D, Crespo-Facorro B, Crowley J, Davidson M, DeLisi L, Dinan T, Donohoe G, Drapeau E, Duan J, Haan L, Hougaard D, Karachanak-Yankova S, Khrunin A,

Klovins J, Kučinskas V, Lee Chee Keong J, Limborska S, Loughland C, Lönnqvist J, Maher B, Mattheisen M, McDonald C, Murphy KC, Nenadic I, van Os J, Pantelis C, Pato M, Petryshen T, Quested D, Roussos P, Sanders AR, Schall U, Schwab SG, Sim K, So HC, Stögmänn E, Subramaniam M, Toncheva D, Waddington J, Walters J, Weiser M, Cheng W, Cloninger R, Curtis D, Gejman PV, Henskens F, Mattingsdal M, Oh SY, Scott R, Webb B, Breen G, Churchhouse C, Bulik CM, Daly M, Dichgans M, Faraone SV, Guerreiro R, Holmans P, Kendler KS, Koeleman B, Mathews CA, Price A, Scharf J, Sklar P, Williams J, Wood NW, Cotsapas C, Palotie A, Smoller JW, Sullivan P, Rosand J, Corvin A, Neale BM, Schott JM, Anney R, Elia J, Grigoriu-Serbanescu M, Edenberg HJ, Murray R. Analysis of shared heritability in common disorders of the brain. *Science*. 2018 Jun 22;360(6395). pii: eaap8757. doi: 10.1126/science.aap8757. PubMed PMID: 29930110; PubMed Central PMCID: PMC6097237.

10: Hunsche S, Neudorfer C, Majdoub FE, Maarouf M, Sauner D. Determining the Rotational Orientation of Directional Deep Brain Stimulation Leads Employing Flat-Panel Computed Tomography. *Oper Neurosurg (Hagerstown)*. 2018 Jun 16. doi: 10.1093/ons/opy163. [Epub ahead of print] PubMed PMID: 29920586.

11: Polanski WH, Martin KD, Günther S, Schackert G, Klingelhofer L, Fauser M, Storch A, Sobottka SB. Application of the Six Sigma concept for quality assessment of different strategies in DBS surgery. *Int J Qual Health Care*. 2018 Jun 18. doi: 10.1093/intqhc/mzy129. [Epub ahead of print] PubMed PMID: 29917085.

12: Petr J, Mutsaerts HJMM, De Vita E, Steketee RME, Smits M, Nederveen AJ, Hofheinz F, van den Hoff J, Asllani I. Effects of systematic partial volume errors on the estimation of gray matter cerebral blood flow with arterial spin labeling MRI. *MAGMA*. 2018 Jun 18. doi: 10.1007/s10334-018-0691-y. [Epub ahead of print] PubMed PMID: 29916058.

13: Karow M, Camp JG, Falk S, Gerber T, Pataskar A, Gac-Santel M, Kageyama J, Brazovskaja A, Garding A, Fan W, Riedemann T, Casamassa A, Smiyakin A, Schichor C, Götz M, Tiwari VK, Treutlein B, Berninger B. Direct pericyte-to-neuron reprogramming via unfolding of a neural stem cell-like program. *Nat Neurosci*. 2018 Jul;21(7):932-940. doi: 10.1038/s41593-018-0168-3. Epub 2018 Jun 18. PubMed PMID: 29915193.

14: Reinbold CS, Forstner AJ, Hecker J, Fullerton JM, Hoffmann P, Hou L, Heilbronner U, Degenhardt F, Adli M, Akiyama K, Akula N, Ardaur R, Arias B, Backlund L, Benabarre A, Bengesser S, Bhattacharjee AK, Biernacka JM, Birner A, Marie-Claire C, Cervantes P, Chen GB, Chen HC, Chillotti C, Clark SR, Colom F, Cousins DA, Cruceanu C, Czerski PM, Dayer A, Étain B, Falkai P, Frisé L, Gard S, Garnham JS, Goes FS, Grof P, Gruber O, Hashimoto R, Hauser J, Herms S, Jamain S, Jiménez E, Kahn JP, Kassem L, Kittel-Schneider S, Kliwicki S, König B, Kusumi I, Lackner N, Laje G, Landén M, Lavebratt C, Leboyer M, Leckband SG, López Jaramillo CA, MacQueen G, Manchia M, Martinsson L, Mattheisen M, McCarthy MJ, McElroy SL, Mitjans M, Mondimore FM, Monteleone P, Nievergelt CM, Ösby U, Ozaki N, Perlis RH, Pfennig A, Reich-Erkelenz D, Rouleau GA, Schofield PR, Schubert KO, Schweizer BW, Seemüller F, Severino G, Shekhtman T, Shilling PD, Shimoda K, Simhandl C, Slaney CM, Smoller JW, Squassina A, Stamm TJ, Stopkova P, Tighe SK, Tortorella A, Turecki G, Volkert J, Witt SH, Wright AJ, Young LT, Zandi PP, Potash JB, DePaulo JR, Bauer M, Reininghaus E, Novák T, Aubry JM, Maj M, Baune BT, Mitchell PB, Vieta E, Frye MA, Rybakowski JK, Kuo PH, Kato T, Grigoriu-Serbanescu M, Reif A, Del Zompo M, Bellivier F, Schalling M, Wray NR, Kelsoe JR, Alda M, McMahon FJ, Schulze TG, Rietschel M, Nöthen MM, Cichon S. Analysis of the Influence of microRNAs in Lithium Response in Bipolar Disorder. *Front Psychiatry*. 2018 May 31;9:207. doi: 10.3389/fpsy.2018.00207. eCollection 2018. PubMed PMID: 29904359; PubMed Central PMCID: PMC5991073.

15: Velichkovsky BM, Krotkova OA, Kotov AA, Orlov VA, Verkhlyutov VM, Ushakov VL, Sharaev MG. Consciousness in a multilevel architecture: Evidence from the right side of the brain. *Conscious Cogn*.

2018 Sep;64:227-239. doi: 10.1016/j.concog.2018.06.004. Epub 2018 Jun 11. PubMed PMID: 29903632.

16: Lühr A, von Neubeck C, Pawelke J, Seidlitz A, Peitzsch C, Bentzen SM, Bortfeld T, Debus J, Deutsch E, Langendijk JA, Loeffler JS, Mohan R, Scholz M, Sørensen BS, Weber DC, Baumann M, Krause M; "Radiobiology of Proton Therapy". "Radiobiology of Proton Therapy": Results of an international expert workshop. *Radiother Oncol.* 2018 Jul;128(1):56-67. doi: 10.1016/j.radonc.2018.05.018. Epub 2018 Jun 1. Review. PubMed PMID: 29861141.

17: Schaub C, Kebir S, Junold N, Hattingen E, Schäfer N, Steinbach JP, Weyerbrock A, Hau P, Goldbrunner R, Niessen M, Mack F, Stuplich M, Tzaridis T, Bähr O, Kortmann RD, Schlegel U, Schmidt-Graf F, Rohde V, Braun C, Hänel M, Sabel M, Gerlach R, Krex D, Belka C, Vatter H, Proescholdt M, Herrlinger U, Glas M. Tumor growth patterns of MGMT-non-methylated glioblastoma in the randomized GLARIUS trial. *J Cancer Res Clin Oncol.* 2018 Aug;144(8):1581-1589. doi: 10.1007/s00432-018-2671-z. Epub 2018 May 28. PubMed PMID: 29808316.

18: Uckermann O, Yao W, Juratli TA, Galli R, Leipnitz E, Meinhardt M, Koch E, Schackert G, Steiner G, Kirsch M. IDH1 mutation in human glioma induces chemical alterations that are amenable to optical Raman spectroscopy. *J Neurooncol.* 2018 May 14. doi: 10.1007/s11060-018-2883-8. [Epub ahead of print] PubMed PMID: 29761368.

19: Bratt M, Skandsen T, Hummel T, Moen KG, Vik A, Nordgård S, Helvik AS. Frequency and prognostic factors of olfactory dysfunction after traumatic brain injury. *Brain Inj.* 2018;32(8):1021-1027. doi: 10.1080/02699052.2018.1469043. Epub 2018 May 9. PubMed PMID: 29741969.

20: Liebig F, Moreno S, Thünemann AF, Temme A, Appelhans D, Koetz J. Toxicological investigations of "naked" and polymer-entrapped AOT-based gold nanotriangles. *Colloids Surf B Biointerfaces.* 2018 Jul 1;167:560-567. doi: 10.1016/j.colsurfb.2018.04.059. Epub 2018 Apr 30. PubMed PMID: 29734066.

21: Capper D, Engel NW, Stichel D, Lechner M, Glöss S, Schmid S, Koelsche C, Schimpf D, Niesen J, Wefers AK, Jones DTW, Sill M, Weigert O, Ligon KL, Olar A, Koch A, Forster M, Moran S, Tirado OM, Sáinz-Jaspeado M, Mora J, Esteller M, Alonso J, Del Muro XG, Paulus W, Felsberg J, Reifenberger G, Glatzel M, Frank S, Monoranu CM, Lund VJ, von Deimling A, Pfister S, Buslei R, Ribbat-Idel J, Perner S, Gudziol V, Meinhardt M, Schüller U. DNA methylation-based reclassification of olfactory neuroblastoma. *Acta Neuropathol.* 2018 Aug;136(2):255-271. doi: 10.1007/s00401-018-1854-7. Epub 2018 May 5. Erratum in: *Acta Neuropathol.* 2018 Sep;136(3):505. PubMed PMID: 29730775.

22: Klein J, Juratli TA, Weise M, Schackert G. A Systematic Review of the Semi-Sitting Position in Neurosurgical Patients with Patent Foramen Ovale: How Frequent Is Paradoxical Embolism? *World Neurosurg.* 2018 Jul;115:196-200. doi: 10.1016/j.wneu.2018.04.114. Epub 2018 Apr 26. Review. PubMed PMID: 29704690.

23: Imperadore P, Uckermann O, Galli R, Steiner G, Kirsch M, Fiorito G. Nerve regeneration in the cephalopod mollusc *Octopus vulgaris*: label-free multiphoton microscopy as a tool for investigation. *J R Soc Interface.* 2018 Apr;15(141). pii: 20170889. doi: 10.1098/rsif.2017.0889. PubMed PMID: 29643223; PubMed Central PMCID: PMC5938580.

24: Lawson McLean A, Frank S, Zafar N, Waschke A, Kalff R, Reichart R. Time course of the response to navigated repetitive transcranial magnetic stimulation at 10 Hz in chronic neuropathic pain. *Neurol Res.* 2018 Jul;40(7):564-572. doi: 10.1080/01616412.2018.1453636. Epub 2018 Mar 27. PubMed PMID: 29583099.

25: Kranz M, Bergmann R, Kniess T, Belter B, Neuber C, Cai Z, Deng G, Fischer S, Zhou J, Huang Y,

Brust P, Deuther-Conrad W, Pietzsch J. Bridging from Brain to Tumor Imaging: (S)-(-)- and (R)-(+)-[(18)F]Fluspidine for Investigation of Sigma-1 Receptors in Tumor-Bearing Mice. *Molecules*. 2018 Mar 20;23(3). pii: E702. doi: 10.3390/molecules23030702. PubMed PMID: 29558382.

26: Lundstrom BN, Meisel C, Van Gompel J, Stead M, Worrell G. Comparing spiking and slow wave activity from invasive electroencephalography in patients with and without seizures. *Clin Neurophysiol*. 2018 May;129(5):909-919. doi: 10.1016/j.clinph.2018.02.006. Epub 2018 Feb 27. PubMed PMID: 29550651; PubMed Central PMCID: PMC5880695.

27: Apps JR, Carreno G, Gonzalez-Meljem JM, Haston S, Guiho R, Cooper JE, Manshaei S, Jani N, Hölsken A, Pettorini B, Beynon RJ, Simpson DM, Fraser HC, Hong Y, Hallang S, Stone TJ, Virasami A, Donson AM, Jones D, Aquilina K, Spoudeas H, Joshi AR, Grundy R, Storer LCD, Korbonits M, Hilton DA, Tossell K, Thavaraj S, Ungless MA, Gil J, Buslei R, Hankinson T, Hargrave D, Goding C, Andoniadou CL, Brogan P, Jacques TS, Williams HJ, Martinez-Barbera JP. Tumour compartment transcriptomics demonstrates the activation of inflammatory and odontogenic programmes in human adamantinomatous craniopharyngioma and identifies the MAPK/ERK pathway as a novel therapeutic target. *Acta Neuropathol*. 2018 May;135(5):757-777. doi: 10.1007/s00401-018-1830-2. Epub 2018 Mar 14. PubMed PMID: 29541918; PubMed Central PMCID: PMC5904225.

28: Capper D, Jones DTW, Sill M, Hovestadt V, Schrimpf D, Sturm D, Koelsche C, Sahm F, Chavez L, Reuss DE, Kratz A, Wefers AK, Huang K, Pajtler KW, Schweizer L, Stichel D, Olar A, Engel NW, Lindenberg K, Harter PN, Braczynski AK, Plate KH, Dohmen H, Garvalov BK, Coras R, Hölsken A, Hewer E, Bewerunge-Hudler M, Schick M, Fischer R, Beschorner R, Schittenhelm J, Staszewski O, Wani K, Varlet P, Pages M, Temming P, Lohmann D, Selt F, Witt H, Milde T, Witt O, Aronica E, Giangaspero F, Rushing E, Scheurlen W, Geisenberger C, Rodriguez FJ, Becker A, Preusser M, Haberler C, Bjerkvig R, Cryan J, Farrell M, Deckert M, Hench J, Frank S, Serrano J, Kannan K, Tzirigos A, Brück W, Hofer S, Brehmer S, Seiz-Rosenhagen M, Hänggi D, Hans V, Rozsnoki S, Hansford JR, Kohlhof P, Kristensen BW, Lechner M, Lopes B, Mawrin C, Ketter R, Kulozik A, Khatib Z, Heppner F, Koch A, Jouvet A, Keohane C, Mühleisen H, Mueller W, Pohl U, Prinz M, Benner A, Zapatka M, Gottardo NG, Driever PH, Kramm CM, Müller HL, Rutkowski S, von Hoff K, Frühwald MC, Gnekow A, Fleischhack G, Tippelt S, Calaminus G, Monoranu CM, Perry A, Jones C, Jacques TS, Radlwimmer B, Gessi M, Pietsch T, Schramm J, Schackert G, Westphal M, Reifenberger G, Wesseling P, Weller M, Collins VP, Blümcke I, Bendszus M, Debus J, Huang A, Jabado N, Northcott PA, Paulus W, Gajjar A, Robinson GW, Taylor MD, Jaunmuktane Z, Ryzhova M, Platten M, Unterberg A, Wick W, Karajannis MA, Mittelbronn M, Acker T, Hartmann C, Aldape K, Schüller U, Buslei R, Lichter P, Kool M, Herold-Mende C, Ellison DW, Hasselblatt M, Snuderl M, Brandner S, Korshunov A, von Deimling A, Pfister SM. DNA methylation-based classification of central nervous system tumours. *Nature*. 2018 Mar 22;555(7697):469-474. doi: 10.1038/nature26000. Epub 2018 Mar 14. PubMed PMID: 29539639; PubMed Central PMCID: PMC6093218.

29: Kondoff S, Drenchev A, Lotti T, Wollina U, Lozev I, Pidakev I, Terziev I, Grigorov Y, Gianfaldoni S, Tchernev G. Successful Craniotomy for Advanced Basal Cell Carcinomas with Cranial Bone Invasion and Dura Mater Infiltration - Unique Presentation in a Bulgarian Patient. *Open Access Maced J Med Sci*. 2018 Feb 14;6(2):372-375. doi: 10.3889/oamjms.2018.101. eCollection 2018 Feb 15. PubMed PMID: 29531607; PubMed Central PMCID: PMC5839451.

30: Kuramatsu JB, Sembill JA, Gerner ST, Sprügel MI, Hagen M, Roeder SS, Endres M, Haeusler KG, Sobesky J, Schurig J, Zweynert S, Bauer M, Vajkoczy P, Ringleb PA, Purucker J, Rizos T, Volkmann J, Müllges W, Kraft P, Schubert AL, Erbguth F, Nueckel M, Schellinger PD, Glahn J, Knappe UJ, Fink GR, Dohmen C, Stetefeld H, Fisse AL, Minnerup J, Hagemann G, Rakers F, Reichmann H, Schneider H, Wöpking S, Ludolph AC, Stösser S, Neugebauer H, Röther J, Michels P, Schwarz M, Reimann G, Bätzner H, Schwert H, Claßen J, Michalski D, Grau A, Palm F, Urbanek C, Wöhrle JC, Alshammari F, Horn M, Bahner D, Witte OW, Günther A, Hamann GF, Lücking H, Dörfler A, Achenbach S, Schwab S, Huttner

- HB. Management of therapeutic anticoagulation in patients with Intracerebral hemorrhage and mechanical heart valves. *Eur Heart J*. 2018 May 14;39(19):1709-1723. doi: 10.1093/eurheartj/ehy056. PubMed PMID: 29529259; PubMed Central PMCID: PMC5950928.
- 31: Woost L, Bazin PL, Taubert M, Trampel R, Tardif CL, Garthe A, Kempermann G, Renner U, Stalla G, Ott DVM, Rjosk V, Obrig H, Villringer A, Roggenhofer E, Klein TA. Physical Exercise and Spatial Training: A Longitudinal Study of Effects on Cognition, Growth Factors, and Hippocampal Plasticity. *Sci Rep*. 2018 Mar 9;8(1):4239. doi: 10.1038/s41598-018-19993-9. PubMed PMID: 29523857; PubMed Central PMCID: PMC5844866.
- 32: Quade M, Schumacher M, Bernhardt A, Lode A, Kampschulte M, Voß A, Simon P, Uckermann O, Kirsch M, Gelinsky M. Strontium-modification of porous scaffolds from mineralized collagen for potential use in bone defect therapy. *Mater Sci Eng C Mater Biol Appl*. 2018 Mar 1;84:159-167. doi: 10.1016/j.msec.2017.11.038. Epub 2017 Nov 28. PubMed PMID: 29519425.
- 33: Tunger A, Kießler M, Wehner R, Temme A, Meier F, Bachmann M, Schmitz M. Immune Monitoring of Cancer Patients Prior to and During CTLA-4 or PD-1/PD-L1 Inhibitor Treatment. *Biomedicines*. 2018 Mar 1;6(1). pii: E26. doi: 10.3390/biomedicines6010026. Review. PubMed PMID: 29494517; PubMed Central PMCID: PMC5874683.
- 34: Ruiz DS, Luksch H, Sifringer M, Temme A, Staufner C, Rzeski W, Marzahn J, Grabarska A, Ikonomidou C, Stepulak A. AMPA Receptor Antagonist CFM-2 Decreases Survivin Expression in Cancer Cells. *Anticancer Agents Med Chem*. 2018;18(4):591-596. doi: 10.2174/1871520618666180228123406. PubMed PMID: 29493464.
- 35: Tienken L, Drude N, Schau I, Winz OH, Temme A, Weinhold E, Mottaghy FM, Morgenroth A. Evaluation of a Pretargeting Strategy for Molecular Imaging of the Prostate Stem Cell Antigen with a Single Chain Antibody. *Sci Rep*. 2018 Feb 28;8(1):3755. doi: 10.1038/s41598-018-22179-y. PubMed PMID: 29491468; PubMed Central PMCID: PMC5830539.
- 36: Galli R, Meinhardt M, Koch E, Schackert G, Steiner G, Kirsch M, Uckermann O. Optical molecular imaging of corpora amylacea in human brain tissue. *Biomed Tech (Berl)*. 2018 Feb 28. pii: /j/bmte.ahead-of-print/bmt-2017-0073/bmt-2017-0073.xml. doi: 10.1515/bmt-2017-0073. [Epub ahead of print] PubMed PMID: 29489454.
- 37: Wollina U, Nowak A, Tchernev G, Lotti T. Chronic Scalp Ulcer 35 Years after Skull Trepanation Surgery and Radiotherapy for Oligodendroglioma: A Further Example of Immunocompromised Cutaneous Districts. *Open Access Maced J Med Sci*. 2017 Dec 31;6(1):55-57. doi: 10.3889/oamjms.2018.019. eCollection 2018 Jan 25. PubMed PMID: 29483982; PubMed Central PMCID: PMC5816315.
- 38: Eekers DBP, Pijnappel EN, Schijns OEMG, Colon A, Hoeben A, Zindler JD, Postma AA, Hoffmann AL, Lambin P, Troost EGC. Evidence on the efficacy of primary radiosurgery or stereotactic radiotherapy for drug-resistant non-neoplastic focal epilepsy in adults: A systematic review. *Seizure*. 2018 Feb;55:83-92. doi: 10.1016/j.seizure.2018.01.009. Epub 2018 Jan 31. Review. PubMed PMID: 29414140.
- 39: Jiang H, Sitoci-Ficici KH, Reinshagen C, Molcanyi M, Zivcak J, Hudak R, Laube T, Schnabelrauch M, Weisser J, Schäfer U, Pinzer T, Schackert G, Zhang X, Wähler M, Brautferger U, Rieger B. Adjustable Polyurethane Foam as Filling Material for a Novel Spondyloplasty: Biomechanics and Biocompatibility. *World Neurosurg*. 2018 Apr;112:e848-e858. doi: 10.1016/j.wneu.2018.01.174. Epub 2018 Feb 27. PubMed PMID: 29410101.

40: Oelschlägel M, Meyer T, Schackert G, Kirsch M, Sobottka SB, Morgenstern U. Intraoperative optical imaging of metabolic changes after direct cortical stimulation - a clinical tool for guidance during tumor resection? *Biomed Tech (Berl)*. 2018 Feb 5. pii: /j/bmte.ahead-of-print/bmt-2017-0156/bmt-2017-0156.xml. doi: 10.1515/bmt-2017-0156. [Epub ahead of print] PubMed PMID: 29397378.

41: Zindler JD, Schiffelers J, Lambin P, Hoffmann AL. Improved effectiveness of stereotactic radiosurgery in large brain metastases by individualized isotoxic dose prescription: an in silico study. *Strahlenther Onkol*. 2018 Jun;194(6):560-569. doi: 10.1007/s00066-018-1262-x. Epub 2018 Jan 18. PubMed PMID: 29349605; PubMed Central PMCID: PMC5959984.

42: Gerner ST, Kuramatsu JB, Sembill JA, Sprügel MI, Endres M, Haeusler KG, Vajkoczy P, Ringleb PA, Purucker J, Rizos T, Erbguth F, Schellinger PD, Fink GR, Stetefeld H, Schneider H, Neugebauer H, Röther J, Claßen J, Michalski D, Dörfler A, Schwab S, Huttner HB; RETRACE II (German-Wide Multicenter Analysis of Oral Anticoagulation-Associated Intracerebral Hemorrhage II) Investigators. Association of prothrombin complex concentrate administration and hematoma enlargement in non-vitamin K antagonist oral anticoagulant-related intracerebral hemorrhage. *Ann Neurol*. 2018 Jan;83(1):186-196. doi: 10.1002/ana.25134. PubMed PMID: 29314216.

43: Juratli TA, Thiede C, Koerner MVA, Tummala SS, Daubner D, Shankar GM, Williams EA, Martinez-Lage M, Soucek S, Robel K, Penson T, Krause M, Appold S, Meinhardt M, Pinzer T, Miller JJ, Krex D, Ely HA, Silverman IM, Christiansen J, Schackert G, Wakimoto H, Kirsch M, Brastianos PK, Cahill DP. Intratumoral heterogeneity and TERT promoter mutations in progressive/higher-grade meningiomas. *Oncotarget*. 2017 Nov 24;8(65):109228-109237. doi: 10.18632/oncotarget.22650. eCollection 2017 Dec 12. PubMed PMID: 29312603; PubMed Central PMCID: PMC5752516.

44: Conde M, Michen S, Wiedemuth R, Klink B, Schröck E, Schackert G, Temme A. Chromosomal instability induced by increased BIRC5/Survivin levels affects tumorigenicity of glioma cells. *BMC Cancer*. 2017 Dec 28;17(1):889. doi: 10.1186/s12885-017-3932-y. PubMed PMID: 29282022; PubMed Central PMCID: PMC5745881.

45: Huttner HB, Bergmann O, Salehpour M, El Cheikh R, Nakamura M, Tortora A, Heinke P, Coras R, Englund E, Eyüpoglu IY, Kuramatsu JB, Roeder SS, Kloska SP, Muehlen I, Doerfler A, Schwab S, Possnert G, Bernard S, Frisén J. Meningioma growth dynamics assessed by radiocarbon retrospective birth dating. *EBioMedicine*. 2018 Jan;27:176-181. doi: 10.1016/j.ebiom.2017.12.020. Epub 2017 Dec 19. PubMed PMID: 29277322; PubMed Central PMCID: PMC5828546.

46: Uckermann O, Juratli TA, Galli R, Conde M, Wiedemuth R, Krex D, Geiger K, Temme A, Schackert G, Koch E, Steiner G, Kirsch M. Optical Analysis of Glioma: Fourier-Transform Infrared Spectroscopy Reveals the IDH1 Mutation Status. *Clin Cancer Res*. 2018 Jun 1;24(11):2530-2538. doi: 10.1158/1078-0432.CCR-17-1795. Epub 2017 Dec 19. PubMed PMID: 29259030.

47: Sitoci-Ficici KH, Matyash M, Uckermann O, Galli R, Leinritz E, Later R, Ikonomidou C, Gelinsky M, Schackert G, Kirsch M. Non-functionalized soft alginate hydrogel promotes locomotor recovery after spinal cord injury in a rat hemimyelotomy model. *Acta Neurochir (Wien)*. 2018 Mar;160(3):449-457. doi: 10.1007/s00701-017-3389-4. Epub 2017 Dec 11. PubMed PMID: 29230560.

48: Huebner D, Rieger C, Bergmann R, Ullrich M, Meister S, Toma M, Wiedemuth R, Temme A, Novotny V, Wirth MP, Bachmann M, Pietzsch J, Fuessel S. An orthotopic xenograft model for high-risk non-muscle invasive bladder cancer in mice: influence of mouse strain, tumor cell count, dwell time and bladder pretreatment. *BMC Cancer*. 2017 Nov 23;17(1):790. doi: 10.1186/s12885-017-3778-3. PubMed PMID: 29169339; PubMed Central PMCID: PMC5701455.

- 49: Schäfer N, Proescholdt M, Steinbach JP, Weyerbrock A, Hau P, Grauer O, Goldbrunner R, Friedrich F, Rohde V, Ringel F, Schlegel U, Sabel M, Ronellenfitsch MW, Uhl M, Grau S, Hänel M, Schnell O, Krex D, Vajkoczy P, Tabatabai G, Mack F, Schaub C, Tzaridis T, Nießen M, Kebir S, Leutgeb B, Urbach H, Belka C, Stummer W, Glas M, Herrlinger U. Quality of life in the GLARIUS trial randomizing bevacizumab/irinotecan versus temozolomide in newly diagnosed, MGMT-nonmethylated glioblastoma. *Neuro Oncol.* 2018 Jun 18;20(7):975-985. doi: 10.1093/neuonc/nox204. PubMed PMID: 29121274; PubMed Central PMCID: PMC6007398.
- 50: Beyer U, Brand F, Martens H, Weder J, Christians A, Elyan N, Hentschel B, Westphal M, Schackert G, Pietsch T, Hong B, Krauss JK, Samii A, Raab P, Das A, Dumitru CA, Sandalcioğlu IE, Hakenberg OW, Erbersdobler A, Lehmann U, Reifenberger G, Weller M, Reijns MAM, Preller M, Wiese B, Hartmann C, Weber RG. Rare ADAR and RNASEH2B variants and a type I interferon signature in glioma and prostate carcinoma risk and tumorigenesis. *Acta Neuropathol.* 2017 Dec;134(6):905-922. doi: 10.1007/s00401-017-1774-y. Epub 2017 Oct 13. PubMed PMID: 29030706.
- 51: Kessler T, Sahm F, Sadik A, Stichel D, Hertenstein A, Reifenberger G, Zacher A, Sabel M, Tabatabai G, Steinbach J, Sure U, Krex D, Grosu AL, Bewerunge-Hudler M, Jones D, Pfister SM, Weller M, Opitz C, Bendszus M, von Deimling A, Platten M, Wick W. Molecular differences in IDH wildtype glioblastoma according to MGMT promoter methylation. *Neuro Oncol.* 2018 Feb 19;20(3):367-379. doi: 10.1093/neuonc/nox160. PubMed PMID: 29016808; PubMed Central PMCID: PMC5817966.
- 52: Neidert MC, Lawton MT, Kim LJ, Nerva JD, Kurisu K, Ikawa F, Konczalla J, Dinc N, Seifert V, Habdank-Kolaczowski J, Hatano T, Hayase M, Podlessek D, Schackert G, Wanet T, Gläsker S, Griessenauer CJ, Ogilvy CS, Kneist A, Sure U, Seifert B, Regli L, Bozinov O, Burkhardt JK. International multicentre validation of the arteriovenous malformation-related Intracerebral hemorrhage (AVICH) score. *J Neurol Neurosurg Psychiatry.* 2017 Oct 6. pii: jnnp-2017-316259. doi: 10.1136/jnnp-2017-316259. [Epub ahead of print] PubMed PMID: 28986471.
- 53: Oleszkiewicz A, Meusel T, Güpfert M, Westermann B, Hummel T, Welge-Lüssen A. Olfactory deficits decrease the time resolution for trigeminal lateralization. *Int J Psychophysiol.* 2017 Nov;121:18-21. doi: 10.1016/j.ijpsycho.2017.09.004. Epub 2017 Sep 15. PubMed PMID: 28918916.
- 54: Gröschel C, Hübscher D, Nolte J, Monecke S, Sasse A, Elsner L, Paulus W, Trenkwalder C, Polić B, Mansouri A, Guan K, Dressel R. Efficient Killing of Murine Pluripotent Stem Cells by Natural Killer (NK) Cells Requires Activation by Cytokines and Partly Depends on the Activating NK Receptor NKG2D. *Front Immunol.* 2017 Jul 26;8:870. doi: 10.3389/fimmu.2017.00870. eCollection 2017. PubMed PMID: 28890717; PubMed Central PMCID: PMC5582315.
- 55: Mohr JP, Overbey JR, von Kummer R, Stefani MA, Libman R, Stapf C, Parides MK, Pile-Spellman J, Moquete E, Moy CS, Vicaut E, Moskowitz AJ, Harkness K, Cordonnier C, Biondi A, Houdart E, Berkefeld J, Klijn CJM, Barreau X, Kim H, Hartmann A; International ARUBA Investigators. Functional impairments for outcomes in a randomized trial of unruptured brain AVMs. *Neurology.* 2017 Oct 3;89(14):1499-1506. doi: 10.1212/WNL.0000000000004532. Epub 2017 Sep 6. PubMed PMID: 28878048; PubMed Central PMCID: PMC5631171.
- 56: Felsberg J, Hentschel B, Kaulich K, Gramatzki D, Zacher A, Malzkorn B, Kamp M, Sabel M, Simon M, Westphal M, Schackert G, Tonn JC, Pietsch T, von Deimling A, Loeffler M, Reifenberger G, Weller M; German Glioma Network. Epidermal Growth Factor Receptor Variant III (EGFRvIII) Positivity in EGFR-Amplified Glioblastomas: Prognostic Role and Comparison between Primary and Recurrent Tumors. *Clin Cancer Res.* 2017 Nov 15;23(22):6846-6855. doi: 10.1158/1078-0432.CCR-17-0890. Epub 2017 Aug 29. PubMed PMID: 28855349.

- 57: Hinrichs CN, Ingargiola M, Käubler T, Löck S, Temme A, Köhn-Luque A, Deutsch A, Vovk O, Stasyk O, Kunz-Schughart LA. Arginine Deprivation Therapy: Putative Strategy to Eradicate Glioblastoma Cells by Radiosensitization. *Mol Cancer Ther*. 2018 Feb;17(2):393-406. doi: 10.1158/1535-7163.MCT-16-0807. Epub 2017 Aug 22. PubMed PMID: 28830984.
- 58: Juratli TA, Qin N, Cahill DP, Filbin MG. Molecular pathogenesis and therapeutic implications in pediatric high-grade gliomas. *Pharmacol Ther*. 2018 Feb;182:70-79. doi: 10.1016/j.pharmthera.2017.08.006. Epub 2017 Aug 19. Review. PubMed PMID: 28830841.
- 59: Bomberg H, Huth A, Wagenpfeil S, Kessler P, Wulf H, Standl T, Gottschalk A, Döffert J, Hering W, Birnbaum J, Spies C, Kutter B, Winkelmann J, Burgard G, Vicent O, Koch T, Sessler DI, Volk T, Raddatz A. Psoas Versus Femoral Blocks: A Registry Analysis of Risks and Benefits. *Reg Anesth Pain Med*. 2017 Nov/Dec;42(6):719-724. doi: 10.1097/AAP.0000000000000643. PubMed PMID: 28806216.
- 60: Klingelhofer L, Hulse N, Chaudhuri KR, Ashkan K, Samuel M. Letter to the editor: Automated night-time deep brain stimulation battery checks can induce symptoms: Identification and management of a new hardware complication. *Brain Stimul*. 2017 Nov - Dec;10(6):1148-1149. doi: 10.1016/j.brs.2017.07.014. Epub 2017 Aug 2. PubMed PMID: 28803833.
- 61: Jakobi A, Perrin R, Knopf A, Richter C. Feasibility of proton pencil beam scanning treatment of free-breathing lung cancer patients. *Acta Oncol*. 2018 Feb;57(2):203-210. doi: 10.1080/0284186X.2017.1355107. Epub 2017 Aug 1. PubMed PMID: 28760089.
- 62: Zolal A, Juratli TA, Podlessek D, Rieger B, Kitzler HH, Linn J, Schackert G, Sobottka SB. Probabilistic Tractography of the Cranial Nerves in Vestibular Schwannoma. *World Neurosurg*. 2017 Nov;107:47-53. doi: 10.1016/j.wneu.2017.07.102. Epub 2017 Jul 25. PubMed PMID: 28754643.
- 63: Matz G, Messerschmidt B, Göbel W, Filser S, Betz CS, Kirsch M, Uckermann O, Kunze M, Flämig S, Ehrhardt A, Irion KM, Haack M, Dorostkar MM, Herms J, Gross H. Chip-on-the-tip compact flexible endoscopic epifluorescence video-microscope for in-vivo imaging in medicine and biomedical research. *Biomed Opt Express*. 2017 Jun 20;8(7):3329-3342. doi: 10.1364/BOE.8.003329. eCollection 2017 Jul 1. PubMed PMID: 28717570; PubMed Central PMCID: PMC5508831.
- 64: Rieger B, Jiang H, Reinshagen C, Molcanyi M, Zivcak J, Grönemeyer D, Bosche B, Schackert G, Ruess D. Effects of Preoperative Simulation on Minimally Invasive Hybrid Lumbar Interbody Fusion. *World Neurosurg*. 2017 Oct;106:578-588. doi: 10.1016/j.wneu.2017.06.184. Epub 2017 Jul 10. PubMed PMID: 28705704.
- 65: Bergmann A, Bolm-Audorff U, Ditchen D, Ellegast R, Grifka J, Haerting J, Hofmann F, Jäger M, Linhardt O, Luttmann A, Meisel HJ, Michaelis M, Petereit-Haack G, Schumann B, Seidler A. Do Occupational Risks for Low Back Pain Differ From Risks for Specific Lumbar Disc Diseases?: Results of the German Lumbar Spine Study (EPILIFT). *Spine (Phila Pa 1976)*. 2017 Oct 15;42(20):E1204-E1211. doi: 10.1097/BRS.0000000000002296. PubMed PMID: 28658034.
- 66: Witt SH, Streit F, Jungkunz M, Frank J, Awasthi S, Reinbold CS, Treutlein J, Degenhardt F, Forstner AJ, Heilmann-Heimbach S, Dietl L, Schwarze CE, Schendel D, Strohmaier J, Abdellaoui A, Adolfsson R, Air TM, Akil H, Alda M, Alliey-Rodriguez N, Andreassen OA, Babadjanova G, Bass NJ, Bauer M, Baune BT, Bellivier F, Bergen S, Bethell A, Biernacka JM, Blackwood DHR, Boks MP, Boomsma DI, Børghlum AD, Borrmann-Hassenbach M, Brennan P, Budde M, Buttenschøn HN, Byrne EM, Cervantes P, Clarke TK, Craddock N, Cruceanu C, Curtis D, Czerski PM, Dannlowski U, Davis T, de Geus EJC, Di Florio A, Djurovic S, Domenici E, Edenberg HJ, Etain B, Fischer SB, Forty L, Fraser C, Frye MA, Fullerton JM, Gade K, Gershon ES, Giegling I, Gordon SD, Gordon-Smith K, Grabe HJ, Green EK, Greenwood TA,

Grigoriu-Serbanescu M, Guzman-Parra J, Hall LS, Hamshire M, Hauser J, Hautzinger M, Heilbronner U, Herms S, Hitturlingappa S, Hoffmann P, Holmans P, Hottenga JJ, Jamain S, Jones I, Jones LA, Juréus A, Kahn RS, Kammerer-Ciernioch J, Kirov G, Kittel-Schneider S, Kloiber S, Knott SV, Kogevinas M, Landén M, Leber M, Leboyer M, Li QS, Lissowska J, Lucae S, Martin NG, Mayoral-Cleries F, McElroy SL, McIntosh AM, McKay JD, McQuillin A, Medland SE, Middeldorp CM, Milaneschi Y, Mitchell PB, Montgomery GW, Morken G, Mors O, Mühleisen TW, Müller-Myhsok B, Myers RM, Nievergelt CM, Nurnberger JL, O'Donovan MC, Loohuis LMO, Ophoff R, Oruc L, Owen MJ, Paciga SA, Penninx BWJH, Perry A, Pfennig A, Potash JB, Preisig M, Reif A, Rivas F, Rouleau GA, Schofield PR, Schulze TG, Schwarz M, Scott L, Sinnamon GCB, Stahl EA, Strauss J, Turecki G, Van der Auwera S, Vedder H, Vincent JB, Willemsen G, Witt CC, Wray NR, Xi HS; Bipolar Disorders Working Group of the Psychiatric Genomics Consortium; Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium; Schizophrenia Working Group of the Psychiatric Genomics Consortium, Tadic A, Dahmen N, Schott BH, Cichon S, Nöthen MM, Ripke S, Mobascher A, Rujescu D, Lieb K, Roepke S, Schmahl C, Bohus M, Rietschel M. Genome-wide association study of borderline personality disorder reveals genetic overlap with bipolar disorder, major depression and schizophrenia. *Transl Psychiatry*. 2017 Jun 20;7(6):e1155. doi: 10.1038/tp.2017.115. PubMed PMID: 28632202; PubMed Central PMCID: PMC5537640.

67: Hummel T, Whitcroft KL, Andrews P, Altundag A, Cinghi C, Costanzo RM, Damm M, Frasnelli J, Gudziol H, Gupta N, Haehner A, Holbrook E, Hong SC, Hornung D, Hüttenbrink KB, Kamel R, Kobayashi M, Konstantinidis I, Landis BN, Leopold DA, Macchi A, Miwa T, Moesges R, Mullol J, Mueller CA, Ottaviano G, Passali GC, Philpott C, Pinto JM, Ramakrishnan VJ, Rombaux P, Roth Y, Schlosser RA, Shu B, Soler G, Stjärne P, Stuck BA, Vodicka J, Welge-Luessen A. Position paper on olfactory dysfunction. *Rhinology*. 2016 Jan 31;56(1):0. doi: 10.4193/Rhin16.248. PubMed PMID: 28623665.

68: Pascual JM, Mongardi L, Prieto R, Castro-Dufourny I, Rosdolsky M, Strauss S, Carrasco R, Winter E, Mazzarello P. Erratum to: Giovanni Verga (1879-1923), author of a pioneering treatise on pituitary surgery: the foundations of this new field in Europe in the early 1900s. *Neurosurg Rev*. 2017 Oct;40(4):695. doi: 10.1007/s10143-017-0871-7. PubMed PMID: 28623533.

69: Wilbers E, Ewelt C, Schipmann S, Stummer W, Klingenhöfer M. Illumination in Spinal Surgery Depending on Different Approaches and Light Sources. *World Neurosurg*. 2017 Sep;105:585-590. doi: 10.1016/j.wneu.2017.06.013. Epub 2017 Jun 9. PubMed PMID: 28602930.

70: Klein J, Büntjen L, Jacobi G, Galazky I, Panther P, Zaehle T, Kaufmann J, Heinze HJ, Voges J, Kupsch A. Bilateral thalamic deep brain stimulation for essential tremor in elderly patients. *J Neural Transm (Vienna)*. 2017 Sep;124(9):1093-1096. doi: 10.1007/s00702-017-1741-8. Epub 2017 Jun 7. PubMed PMID: 28593500.

71: Unterrainer M, Vettermann F, Brendel M, Holzgreve A, Lifschitz M, Zähringer M, Suchorska B, Wenter V, Illigens BM, Bartenstein P, Albert NL. Towards standardization of (18)F-FET PET imaging: do we need a consistent method of background activity assessment? *EJNMMI Res*. 2017 Dec;7(1):48. doi: 10.1186/s13550-017-0295-y. Epub 2017 May 30. PubMed PMID: 28560582; PubMed Central PMCID: PMC5449315.

72: Herold D, Usnich T, Spengler S, Sajonz B, Bauer M, Bermpohl F. Decreased medial prefrontal cortex activation during self-referential processing in bipolar mania. *J Affect Disord*. 2017 Sep;219:157-163. doi: 10.1016/j.jad.2017.04.065. Epub 2017 Apr 27. PubMed PMID: 28551555.

73: Pascual JM, Mongardi L, Prieto R, Castro-Dufourny I, Rosdolsky M, Strauss S, Carrasco R, Winter E, Mazzarello P. Giovanni Verga (1879-1923), author of a pioneering treatise on pituitary surgery: the foundations of this new field in Europe in the early 1900s. *Neurosurg Rev*. 2017 Oct;40(4):559-575.

doi: 10.1007/s10143-017-0864-6. Epub 2017 May 27. Review. Erratum in: *Neurosurg Rev.* 2017 Jun 16;:. PubMed PMID: 28550628.

74: Tietze S, Schau I, Michen S, Ennen F, Janke A, Schackert G, Aigner A, Appelhans D, Temme A. A Poly(Propyleneimine) Dendrimer-Based Polyplex-System for Single-Chain Antibody-Mediated Targeted Delivery and Cellular Uptake of siRNA. *Small.* 2017 Jul;13(27). doi: 10.1002/sml.201700072. Epub 2017 May 22. PubMed PMID: 28544767.

75: Westphal D, Glitza Oliva IC, Niessner H. Molecular insights into melanoma brain metastases. *Cancer.* 2017 Jun 1;123(S11):2163-2175. doi: 10.1002/cncr.30594. Review. PubMed PMID: 28543697.

76: De Meyer SF, Andersson T, Baxter B, Bendszus M, Brouwer P, Brinjikji W, Campbell BC, Costalat V, Dávalos A, Demchuk A, Dippel D, Fiehler J, Fischer U, Gilvarry M, Gounis MJ, Gralla J, Jansen O, Jovin T, Kallmes D, Khatrri P, Lees KR, López-Cancio E, Majoie C, Marquering H, Narata AP, Nogueira R, Ringleb P, Siddiqui A, Szikora I, Vale D, von Kummer R, Yoo AJ, Hacke W, Liebeskind DS; Clot Summit Group. Analyses of thrombi in acute ischemic stroke: A consensus statement on current knowledge and future directions. *Int J Stroke.* 2017 Aug;12(6):606-614. doi: 10.1177/1747493017709671. Epub 2017 May 23. Review. PubMed PMID: 28534706.

77: van den Bruck R, Weil PP, Ziegenhals T, Schreiner P, Juranek S, Göttsche D, Vogel S, Schuster F, Orth V, Dörner J, Pembaur D, Röper M, Störkel S, Zirngibl H, Wirth S, Jenke ACW, Postberg J, Boy N, Heringer J, Haeger G, Glahn EM, Hoffmann GF, Garbade SF, Burgard P, Kölker S, Chao CM, Yahya F, Moiseenko A, Shrestha A, Ahmadvand N, Quantius J, Wilhelm J, El-Agha E, Zimmer KP, Bellusci S, Staufner C, Kölker S, Prokisch H, Hoffmann GF, Seeliger S, Müller M, Hippe A, Steinkraus H, Wauer R, Lachmann B, Hofmann SR, Hedrich CM, Zierk J, Arzideh F, Haeckel R, Rascher W, Rauh M, Metzler M, Thieme S, Bandoła J, Richter C, Ryser M, Jamal A, Ashton MP, von Bonin M, Kuhn M, Hedrich CM, Bonifacio E, Berner R, Brenner S, Hammersen J, Has C, Naumann-Bartsch N, Stachel D, Kiritsi D, Söder S, Tardieu M, Metzler M, Bruckner-Tuderman L, Schneider H, Bohne F, Langer D, Cencic R, Eggermann T, Zechner U, Pelletier J, Zepp F, Enklaar T, Prawitt D, Pech M, Weckmann M, Heinsen FA, Franke A, Happle C, Dittrich AM, Hansen G, Fuchs O, von Mutius E, Oliver BG, Kopp MV, Paret C, Russo A, Theruvath J, Keller B, El Malki K, Lehmann N, Wingerter A, Neu MA, Aslihan GA, Wagner W, Sommer C, Pietsch T, Seidmann L, Faber J, Schreiner F, Ackermann M, Michalik M, Rother E, Bilkei-Gorzo A, Raczy I, Bindila L, Lutz B, Dötsch J, Zimmer A, Woelfle J, Fischer HS, Ullrich TL, Bühner C, Czernik C, Schmalisch G, Stein R, Hofmann SR, Hagenbuchner J, Kiechl-Kohlendorfer U, Obexer P, Ausserlechner MJ, Loges NT, Frommer AT, Wallmeier J, Omran H, Öner-Sieben S, Gimpfl M, Rozman J, Irmeler M, Beckers J, De Angelis MH, Roscher A, Wolf E, Ensauer R, Nemes K, Frühwald M, Hasselblatt M, Siebert R, Kordes U, Kool M, Wang H, Hardy H, Refai O, Barwick KES, Zimmerman HH, Weis J, Baple EL, Crosby AH, Cirak S, Hellmuth C, Uhl O, Standl M, Heinrich J, Thiering E, Koletzko B, Blümel L, Kerl K, Picard D, Frühwald MC, Liebau MC, Reifenberger G, Borkhardt A, Hasselblatt M, Remke M, Tews D, Wabitsch M, Fischer-Posovszky P, Westhoff MA, Nonnenmacher L, Langhans J, Schnee L, Trenkler N, Debatin KM. Abstracts of the 52nd Workshop for Pediatric Research : Frankfurt, Germany. 27-28 October 2016. *Mol Cell Pediatr.* 2017 May;4(Suppl 1):5. doi: 10.1186/s40348-017-0071-0. PubMed PMID: 28516419; PubMed Central PMCID: PMC5435609.

78: Vehlow A, Klapproth E, Storch K, Dickreuter E, Seifert M, Dietrich A, Bütof R, Temme A, Cordes N. Adhesion- and stress-related adaptation of glioma radiochemoresistance is circumvented by $\beta 1$ integrin/JNK co-targeting. *Oncotarget.* 2017 Jul 25;8(30):49224-49237. doi: 10.18632/oncotarget.17480. PubMed PMID: 28514757; PubMed Central PMCID: PMC5564763.

79: Haston S, Pozzi S, Carreno G, Manshaei S, Panousopoulos L, Gonzalez-Meljem JM, Apps JR, Virasami A, Thavaraj S, Gutteridge A, Forshew T, Marais R, Brandner S, Jacques TS, Andoniadou CL, Martinez-Barbera JP. MAPK pathway control of stem cell proliferation and differentiation in the

embryonic pituitary provides insights into the pathogenesis of papillary craniopharyngioma. *Development*. 2017 Jun 15;144(12):2141-2152. doi: 10.1242/dev.150490. Epub 2017 May 15. PubMed PMID: 28506993; PubMed Central PMCID: PMC5482995.

80: Hibar DP, Westlye LT, Doan NT, Jahanshad N, Cheung JW, Ching CRK, Versace A, Bilderbeck AC, Uhlmann A, Mwangi B, Krämer B, Overs B, Hartberg CB, Abé C, Dima D, Grotegerd D, Sprooten E, Bøen E, Jimenez E, Howells FM, Delvecchio G, Temmingh H, Starke J, Almeida JRC, Goikolea JM, Houenou J, Beard LM, Rauer L, Abramovic L, Bonnin M, Ponteduro MF, Keil M, Rive MM, Yao N, Yalin N, Najt P, Rosa PG, Redlich R, Trost S, Hagenaars S, Fears SC, Alonso-Lana S, van Erp TGM, Nickson T, Chaim-Avancini TM, Meier TB, Elvsåshagen T, Haukvik UK, Lee WH, Schene AH, Lloyd AJ, Young AH, Nugent A, Dale AM, Pfennig A, McIntosh AM, Lafer B, Baune BT, Ekman CJ, Zarate CA, Bearden CE, Henry C, Simhandl C, McDonald C, Bourne C, Stein DJ, Wolf DH, Cannon DM, Glahn DC, Veltman DJ, Pomarol-Clotet E, Vieta E, Canales-Rodriguez EJ, Nery FG, Duran FLS, Busatto GF, Roberts G, Pearlson GD, Goodwin GM, Kugel H, Whalley HC, Ruhe HG, Soares JC, Fullerton JM, Rybakowski JK, Savitz J, Chaim KT, Fatjó-Vilas M, Soeiro-de-Souza MG, Boks MP, Zanetti MV, Otaduy MCG, Schaufelberger MS, Alda M, Ingvar M, Phillips ML, Kempton MJ, Bauer M, Landén M, Lawrence NS, van Haren NEM, Horn NR, Freimer NB, Gruber O, Schofield PR, Mitchell PB, Kahn RS, Lenroot R, Machado-Vieira R, Ophoff RA, Sarró S, Frangou S, Satterthwaite TD, Hajek T, Dannlowski U, Malt UF, Arolt V, Gattaz WF, Drevets WC, Caseras X, Agartz I, Thompson PM, Andreassen OA. Cortical abnormalities in bipolar disorder: an MRI analysis of 6503 individuals from the ENIGMA Bipolar Disorder Working Group. *Mol Psychiatry*. 2018 Apr;23(4):932-942. doi: 10.1038/mp.2017.73. Epub 2017 May 2. PubMed PMID: 28461699; PubMed Central PMCID: PMC5668195.

81: Wink KCJ, van Baardwijk A, Troost EGC, De Ruyscher D. Nodal recurrence after stereotactic body radiotherapy for early stage non-small cell lung cancer: Incidence and proposed risk factors. *Cancer Treat Rev*. 2017 May;56:8-15. doi: 10.1016/j.ctrv.2017.04.001. Epub 2017 Apr 12. Review. PubMed PMID: 28437679.

82: Soeda A, Lathia J, Williams BJ, Wu Q, Gallagher J, Androutsellis-Theotokis A, Giles AJ, Yang C, Zhuang Z, Gilbert MR, Rich JN, Park DM. The p38 signaling pathway mediates quiescence of glioma stem cells by regulating epidermal growth factor receptor trafficking. *Oncotarget*. 2017 May 16;8(20):33316-33328. doi: 10.18632/oncotarget.16741. PubMed PMID: 28410196; PubMed Central PMCID: PMC5464870.

83: Klein J, Juratli TA, Radev Y, Daubner D, Soucek S, Schackert G, Krex D. Safety and Effectiveness of Bis-Chloroethylnitrosourea Wafer Chemotherapy in Elderly Patients with Glioblastoma recurrence. *Oncology*. 2017;93(1):43-50. doi: 10.1159/000464464. Epub 2017 Apr 11. PubMed PMID: 28395288.

84: Hadar R, Bikovski L, Soto-Montenegro ML, Schimke J, Maier P, Ewing S, Voget M, Wieske F, Götz T, Desco M, Hamani C, Pascau J, Weiner I, Winter C. Early neuromodulation prevents the development of brain and behavioral abnormalities in a rodent model of schizophrenia. *Mol Psychiatry*. 2018 Apr;23(4):943-951. doi: 10.1038/mp.2017.52. Epub 2017 Apr 4. PubMed PMID: 28373685; PubMed Central PMCID: PMC5552352.

85: Schneider H, Krüger P, Algra A, Hofmeijer J, van der Worp HB, Jüttler E, Vahedi K, Schackert G, Reichmann H, Puetz V. No benefits of hypothermia in patients treated with hemicraniectomy for large ischemic stroke. *Int J Stroke*. 2017 Oct;12(7):732-740. doi: 10.1177/1747493017694388. Epub 2017 Feb 24. Erratum in: *Int J Stroke*. 2017 Oct;12 (7):NP13. PubMed PMID: 28350280.

86: Schneider H, Hertel F, Kuhn M, Ragaller M, Gottschlich B, Trabitzsch A, Dengl M, Neudert M, Reichmann H, Wöpking S. Decannulation and Functional Outcome After Tracheostomy in Patients with Severe Stroke (DECAST): A Prospective Observational Study. *Neurocrit Care*. 2017 Aug;27(1):26-34.

doi: 10.1007/s12028-017-0390-y. PubMed PMID: 28324263.

87: Gramatzki D, Kickingeder P, Hentschel B, Felsberg J, Herrlinger U, Schackert G, Tonn JC, Westphal M, Sabel M, Schlegel U, Wick W, Pietsch T, Reifenberger G, Loeffler M, Bendszus M, Weller M. Limited role for extended maintenance temozolomide for newly diagnosed glioblastoma. *Neurology*. 2017 Apr 11;88(15):1422-1430. doi: 10.1212/WNL.0000000000003809. Epub 2017 Mar 15. PubMed PMID: 28298550.

88: Zindler JD, Jochems A, Lagerwaard FJ, Beumer R, Troost EGC, Eekers DBP, Compter I, van der Toorn PP, Essers M, Oei B, Hurkmans CW, Bruynzeel AME, Bosmans G, Swinnen A, Leijenaar RTH, Lambin P. Individualized early death and long-term survival prediction after stereotactic radiosurgery for brain metastases of non-small cell lung cancer: Two externally validated nomograms. *Radiother Oncol*. 2017 May;123(2):189-194. doi: 10.1016/j.radonc.2017.02.006. Epub 2017 Feb 23. PubMed PMID: 28237400.

89: Rieger B, Jiang H, Ruess D, Reinshagen C, Molcanyi M, Zivcak J, Tong H, Schackert G. Erratum to: First clinical results of minimally invasive vector lumbar interbody fusion (MIS-VLIF) in spondylodiscitis and concomitant osteoporosis: a technical note. *Eur Spine J*. 2017 Apr;26(4):1325. doi: 10.1007/s00586-017-4992-z. PubMed PMID: 28213694.

90: Stacchiotti S, Gronchi A, Fossati P, Akiyama T, Alapetite C, Baumann M, Blay JY, Bolle S, Boriani S, Bruzzi P, Capanna R, Caraceni A, Casadei R, Colia V, Debus J, Delaney T, Desai A, Dileo P, Dijkstra S, Doglietto F, Flanagan A, Froelich S, Gardner PA, Gelderblom H, Gokaslan ZL, Haas R, Heery C, Hindi N, Hohenberger P, Hornicek F, Imai R, Jeys L, Jones RL, Kasper B, Kawai A, Krengli M, Leithner A, Logowska I, Martin Broto J, Mazzatenta D, Morosi C, Nicolai P, Norum OJ, Patel S, Penel N, Picci P, Pilotti S, Radaelli S, Ricchini F, Rutkowski P, Scheipl S, Sen C, Tamborini E, Thornton KA, Timmermann B, Torri V, Tunn PU, Uhl M, Yamada Y, Weber DC, Vanel D, Varga PP, Vleggeert-Lankamp CLA, Casali PG, Sommer J. Best practices for the management of local-regional recurrent chordoma: a position paper by the Chordoma Global Consensus Group. *Ann Oncol*. 2017 Jun 1;28(6):1230-1242. doi: 10.1093/annonc/mdx054. Review. PubMed PMID: 28184416; PubMed Central PMCID: PMC5452071.

91: Bostelmann R, Leimert M, Steiger HJ, Gierga K, Petridis AK. The Importance of Surgery as Part of Multimodal Therapy in Rapid Progressive Primary Extraosseous Ewing Sarcoma of the Cervical Intra- and Epidural Space. *Clin Pract*. 2016 Dec 14;6(4):897. doi: 10.4081/cp.2016.897. eCollection 2016 Oct 24. PubMed PMID: 28176976; PubMed Central PMCID: PMC5294927.

92: Tanadini-Lang S, Rieber J, Filippi AR, Fode MM, Streblow J, Adebahr S, Andratschke N, Blanck O, Boda-Heggemann J, Duma M, Eble MJ, Ernst I, Flentje M, Gerum S, Hass P, Henkenberens C, Hildebrandt G, Imhoff D, Kahl H, Klass ND, Krempien R, Lohaus F, Petersen C, Schrade E, Wendt TG, Wittig A, Hoyer M, Ricardi U, Sterzing F, Guckenberger M. Nomogram based overall survival prediction in stereotactic body radiotherapy for oligo-metastatic lung disease. *Radiother Oncol*. 2017 May;123(2):182-188. doi: 10.1016/j.radonc.2017.01.003. Epub 2017 Feb 4. PubMed PMID: 28169042.

93: Vazan M, Gempt J, Meyer B, Buchmann N, Ryang YM. Minimally invasive transforaminal lumbar interbody fusion versus open transforaminal lumbar interbody fusion: a technical description and review of the literature. *Acta Neurochir (Wien)*. 2017 Jun;159(6):1137-1146. doi: 10.1007/s00701-017-3078-3. Epub 2017 Feb 3. Review. PubMed PMID: 28160064.

94: Robertson MM, Eapen V, Singer HS, Martino D, Scharf JM, Paschou P, Roessner V, Woods DW, Hariz M, Mathews CA, Črnčec R, Leckman JF. Gilles de la Tourette syndrome. *Nat Rev Dis Primers*. 2017 Feb 2;3:16097. doi: 10.1038/nrdp.2016.97. Review. PubMed PMID: 28150698.

95: Vazan M, Ryang YM, Gerhardt J, Zibold F, Janssen I, Ringel F, Gempt J, Meyer B. L5 corpectomy-the lumbosacral segmental geometry and clinical outcome-a consecutive series of 14 patients and review of the literature. *Acta Neurochir (Wien)*. 2017 Jun;159(6):1147-1152. doi: 10.1007/s00701-017-3084-5. Epub 2017 Jan 31. Review. PubMed PMID: 28138771.

96: Rath M, Spiegler S, Nath N, Schwefel K, Di Donato N, Gerber J, Korenke GC, Hellenbroich Y, Hehr U, Gross S, Sure U, Zoll B, Gilberg E, Kaderali L, Felbor U. Constitutional de novo and postzygotic mutations in isolated cases of cerebral cavernous malformations. *Mol Genet Genomic Med*. 2016 Dec 20;5(1):21-27. doi: 10.1002/mgg3.256. eCollection 2017 Jan. PubMed PMID: 28116327; PubMed Central PMCID: PMC5241208.

97: Hibar DP, Adams HHH, Jahanshad N, Chauhan G, Stein JL, Hofer E, Renteria ME, Bis JC, Arias-Vasquez A, Ikram MK, Desrivieres S, Vernooij MW, Abramovic L, Alhusaini S, Amin N, Andersson M, Arfanakis K, Aribisala BS, Armstrong NJ, Athanasiu L, Axelsson T, Beecham AH, Beiser A, Bernard M, Blanton SH, Bohlken MM, Boks MP, Bralten J, Brickman AM, Carmichael O, Chakravarty MM, Chen Q, Ching CRK, Chouraki V, Cuellar-Partida G, Crivello F, Den Braber A, Doan NT, Ehrlich S, Giddaluru S, Goldman AL, Gottesman RF, Grimm O, Griswold ME, Guadalupe T, Gutman BA, Hass J, Haukvik UK, Hoehn D, Holmes AJ, Hoogman M, Janowitz D, Jia T, Jørgensen KN, Karbalai N, Kasperaviciute D, Kim S, Klein M, Kraemer B, Lee PH, Liewald DCM, Lopez LM, Luciano M, Macare C, Marquand AF, Matarin M, Mather KA, Mattheisen M, McKay DR, Milanese Y, Muñoz Maniega S, Nho K, Nugent AC, Nyquist P, Loohuis LMO, Oosterlaan J, Papmeyer M, Pirpamer L, Pütz B, Ramasamy A, Richards JS, Risacher SL, Roiz-Santiañez R, Rommelse N, Ropele S, Rose EJ, Royle NA, Rundek T, Sämann PG, Saremi A, Satizabal CL, Schmaal L, Schork AJ, Shen L, Shin J, Shumskaya E, Smith AV, Sprooten E, Strike LT, Teumer A, Tordesillas-Gutierrez D, Toro R, Trabzuni D, Trompet S, Vaidya D, Van der Grond J, Van der Lee SJ, Van der Meer D, Van Donkelaar MMJ, Van Eijk KR, Van Erp TGM, Van Rooij D, Walton E, Westlye LT, Whelan CD, Windham BG, Winkler AM, Wittfeld K, Woldehawariat G, Wolf C, Wolfers T, Yanek LR, Yang J, Zijdenbos A, Zwijs MP, Agartz I, Almasy L, Ames D, Amouyel P, Andreassen OA, Arepalli S, Assareh AA, Barral S, Bastin ME, Becker DM, Becker JT, Bennett DA, Blangero J, van Bokhoven H, Boomsma DI, Brodaty H, Brouwer RM, Brunner HG, Buckner RL, Buitelaar JK, Bulayeva KB, Cahn W, Calhoun VD, Cannon DM, Cavalleri GL, Cheng CY, Cichon S, Cookson MR, Corvin A, Crespo-Facorro B, Curran JE, Czisch M, Dale AM, Davies GE, De Craen AJM, De Geus EJC, De Jager PL, De Zubicaray GI, Deary IJ, Dobbie S, DeCarli C, Delanty N, Depondt C, DeStefano A, Dillman A, Djurovic S, Donohoe G, Drevets WC, Duggirala R, Dyer TD, Enzinger C, Erk S, Espeseth T, Fedko IO, Fernández G, Ferrucci L, Fisher SE, Fleischman DA, Ford I, Fornage M, Foroud TM, Fox PT, Francks C, Fukunaga M, Gibbs JR, Glahn DC, Gollub RL, Göring HHH, Green RC, Gruber O, Gudnason V, Guelfi S, Håberg AK, Hansell NK, Hardy J, Hartman CA, Hashimoto R, Hegenscheid K, Heinz A, Le Hellard S, Hernandez DG, Heslenfeld DJ, Ho BC, Hoekstra PJ, Hoffmann W, Hofman A, Holsboer F, Homuth G, Hosten N, Hottenga JJ, Huentelman M, Hulshoff Pol HE, Ikeda M, Jack CR Jr, Jenkinson M, Johnson R, Jönsson EG, Jukema JW, Kahn RS, Kanai R, Kloszewska I, Knopman DS, Kochunov P, Kwok JB, Lawrie SM, Lemaître H, Liu X, Longo DL, Lopez OL, Lovestone S, Martinez O, Martinot JL, Mattay VS, McDonald C, McIntosh AM, McMahon FJ, McMahon KL, Mecocci P, Melle I, Meyer-Lindenberg A, Mohnke S, Montgomery GW, Morris DW, Mosley TH, Mühleisen TW, Müller-Myhsok B, Nalls MA, Nauck M, Nichols TE, Niessen WJ, Nöthen MM, Nyberg L, Ohi K, Olvera RL, Ophoff RA, Pandolfo M, Paus T, Pausova Z, Penninx BWJH, Pike GB, Potkin SG, Psaty BM, Reppermund S, Rietschel M, Roffman JL, Romanczuk-Seiferth N, Rotter JI, Ryten M, Sacco RL, Sachdev PS, Saykin AJ, Schmidt R, Schmidt H, Schofield PR, Sigursson S, Simmons A, Singleton A, Sisodiya SM, Smith C, Smoller JW, Soininen H, Steen VM, Stott DJ, Sussmann JE, Thalamuthu A, Toga AW, Traynor BJ, Troncoso J, Tsolaki M, Tzourio C, Uitterlinden AG, Hernández MCV, Van der Brug M, van der Lugt A, van der Wee NJA, Van Haren NEM, van 't Ent D, Van Tol MJ, Vardarajan BN, Vellas B, Veltman DJ, Völzke H, Walter H, Wardlaw JM, Wassink TH, Weale ME, Weinberger DR, Weiner MW, Wen W, Westman E, White T, Wong TY, Wright CB, Zielke RH, Zonderman AB, Martin NG, Van Duijn CM, Wright MJ, Longstreth WT, Schumann G, Grabe HJ, Franke B,

Launer LJ, Medland SE, Seshadri S, Thompson PM, Ikram MA. Novel genetic loci associated with hippocampal volume. *Nat Commun*. 2017 Jan 18;8:13624. doi: 10.1038/ncomms13624. PubMed PMID: 28098162; PubMed Central PMCID: PMC5253632.

98: Uckermann O, Galli R, Leupold S, Coras R, Meinhardt M, Hallmeyer-Elgner S, Mayer T, Storch A, Schackert G, Koch E, Blümcke I, Steiner G, Kirsch M. Label-free multiphoton microscopy reveals altered tissue architecture in hippocampal sclerosis. *Epilepsia*. 2017 Jan;58(1):e1-e5. doi: 10.1111/epi.13598. Epub 2016 Nov 7. PubMed PMID: 28064458.

99: Møller RS, Wuttke TV, Helbig I, Marini C, Johannesen KM, Brilstra EH, Vaher U, Borggraefe I, Talvik I, Talvik T, Kluger G, Francois LL, Lesca G, de Bellescize J, Blichfeldt S, Chatron N, Holert N, Jacobs J, Swinkels M, Betzler C, Syrbe S, Nikanorova M, Myers CT, Larsen LH, Vejzovic S, Pendziwiat M, von Spiczak S, Hopkins S, Dubbs H, Mang Y, Mukhin K, Holthausen H, van Gassen KL, Dahl HA, Tommerup N, Mefford HC, Rubboli G, Guerrini R, Lemke JR, Lerche H, Muhle H, Maljevic S. Mutations in GABRB3: From febrile seizures to epileptic encephalopathies. *Neurology*. 2017 Jan 31;88(5):483-492. doi: 10.1212/WNL.0000000000003565. Epub 2017 Jan 4. PubMed PMID: 28053010; PubMed Central PMCID: PMC5278942.

100: Rieger B, Jiang H, Ruess D, Reinshagen C, Molcanyi M, Zivcak J, Tong H, Schackert G. First clinical results of minimally invasive vector lumbar interbody fusion (MIS-VLIF) in spondylodiscitis and concomitant osteoporosis: a technical note. *Eur Spine J*. 2017 Dec;26(12):3147-3155. doi: 10.1007/s00586-016-4928-z. Epub 2016 Dec 27. Erratum in: *Eur Spine J*. 2017 Feb 17;:. PubMed PMID: 28028646.

101: Mair G, von Kummer R, Adami A, White PM, Adams ME, Yan B, Demchuk AM, Farrall AJ, Sellar RJ, Sakka E, Palmer J, Perry D, Lindley RI, Sandercock PA, Wardlaw JM; IST-3 Collaborative Group. Arterial Obstruction on Computed Tomographic or Magnetic Resonance Angiography and Response to Intravenous Thrombolytics in Ischemic Stroke. *Stroke*. 2017 Feb;48(2):353-360. doi: 10.1161/STROKEAHA.116.015164. Epub 2016 Dec 22. PubMed PMID: 28008093; PubMed Central PMCID: PMC5266422.

102: Bosche B, Molcanyi M, Rej S, Doeppner TR, Obermann M, Müller DJ, Das A, Hescheler J, Macdonald RL, Noll T, Härtel FV. Low-Dose Lithium Stabilizes Human Endothelial Barrier by Decreasing MLC Phosphorylation and Universally Augments Cholinergic Vasorelaxation Capacity in a Direct Manner. *Front Physiol*. 2016 Dec 6;7:593. doi: 10.3389/fphys.2016.00593. eCollection 2016. PubMed PMID: 27999548; PubMed Central PMCID: PMC5138228.

103: Zolal A, Sobottka SB, Podlessek D, Linn J, Rieger B, Juratli TA, Schackert G, Kitzler HH. Comparison of probabilistic and deterministic fiber tracking of cranial nerves. *J Neurosurg*. 2017 Sep;127(3):613-621. doi: 10.3171/2016.8.JNS16363. Epub 2016 Dec 16. PubMed PMID: 27982771.

104: Galli R, Preusse G, Uckermann O, Bartels T, Krautwald-Junghanns ME, Koch E, Steiner G. In ovo sexing of chicken eggs by fluorescence spectroscopy. *Anal Bioanal Chem*. 2017 Feb;409(5):1185-1194. doi: 10.1007/s00216-016-0116-6. Epub 2016 Dec 14. PubMed PMID: 27966169.

105: Prieto R, Pascual JM, Rosdolsky M, Castro-Dufourny I, Carrasco R, Strauss S, Barrios L. Craniopharyngioma adherence: a comprehensive topographical categorization and outcome-related risk stratification model based on the methodical examination of 500 tumors. *Neurosurg Focus*. 2016 Dec;41(6):E13. PubMed PMID: 27903121.

106: Strickland MR, Gill CM, Nayyar N, D'Andrea MR, Thiede C, Juratli TA, Schackert G, Borger DR,

Santagata S, Frosch MP, Cahill DP, Brastianos PK, Barker FG 2nd. Targeted sequencing of SMO and AKT1 in anterior skull base meningiomas. *J Neurosurg.* 2017 Aug;127(2):438-444. doi: 10.3171/2016.8.JNS161076. Epub 2016 Nov 25. PubMed PMID: 27885953.

107: Schliesser MG, Claus R, Hielscher T, Grimm C, Weichenhan D, Blaes J, Wiestler B, Hau P, Schramm J, Sahm F, Weiß EK, Weiler M, Baer C, Schmidt-Graf F, Schackert G, Westphal M, Hertenstein A, Roth P, Galldiks N, Hartmann C, Pietsch T, Felsberg J, Reifenberger G, Sabel MC, Winkler F, von Deimling A, Meisner C, Vajkoczy P, Platten M, Weller M, Plass C, Wick W. Prognostic relevance of MicroRNA-155 methylation in anaplastic glioma. *Oncotarget.* 2016 Dec 13;7(50):82028-82045. doi: 10.18632/oncotarget.13452. PubMed PMID: 27880937; PubMed Central PMCID: PMC5347671.

108: Galli R, Uckermann O, Temme A, Leipnitz E, Meinhardt M, Koch E, Schackert G, Steiner G, Kirsch M. Assessing the efficacy of coherent anti-Stokes Raman scattering microscopy for the detection of infiltrating glioblastoma in fresh brain samples. *J Biophotonics.* 2016 Mar 11. doi: 10.1002/jbio.201500323. [Epub ahead of print] PubMed PMID: 27854107.

109: Rieber J, Abbassi-Senger N, Adebahr S, Andratschke N, Blanck O, Duma M, Eble MJ, Ernst I, Flentje M, Gerum S, Hass P, Henkenberens C, Hildebrandt G, Imhoff D, Kahl H, Klass ND, Krempien R, Lohaus F, Lohr F, Petersen C, Schrade E, Streblow J, Uhlmann L, Wittig A, Sterzing F, Guckenberger M. Influence of Institutional Experience and Technological Advances on Outcome of Stereotactic Body Radiation Therapy for Oligometastatic Lung Disease. *Int J Radiat Oncol Biol Phys.* 2017 Jul 1;98(3):511-520. doi: 10.1016/j.ijrobp.2016.09.026. Epub 2016 Sep 26. PubMed PMID: 27843031.

110: Niessner H, Schmitz J, Tabatabai G, Schmid AM, Calaminus C, Sinnberg T, Weide B, Eigentler TK, Garbe C, Schitteck B, Quintanilla-Fend L, Bender B, Mai M, Praetorius C, Beissert S, Schackert G, Muders MH, Meinhardt M, Baretton GB, Dummer R, Flaherty K, Pichler BJ, Kulms D, Westphal D, Meier F. PI3K Pathway Inhibition Achieves Potent Antitumor Activity in Melanoma Brain Metastases In Vitro and In Vivo. *Clin Cancer Res.* 2016 Dec 1;22(23):5818-5828. Epub 2016 Jun 15. Erratum in: *Clin Cancer Res.* 2017 Mar 1;23 (5):1361. PubMed PMID: 27307593.

111: Adams HH, Hibar DP, Chouraki V, Stein JL, Nyquist PA, Rentería ME, Trompet S, Arias-Vasquez A, Seshadri S, Desrivières S, Beecham AH, Jahanshad N, Wittfeld K, Van der Lee SJ, Abramovic L, Alhusaini S, Amin N, Andersson M, Arfanakis K, Aribisala BS, Armstrong NJ, Athanasiu L, Axelsson T, Beiser A, Bernard M, Bis JC, Blanken LM, Blanton SH, Bohlken MM, Boks MP, Bralten J, Brickman AM, Carmichael O, Chakravarty MM, Chauhan G, Chen Q, Ching CR, Cuellar-Partida G, Braber AD, Doan NT, Ehrlich S, Filippi I, Ge T, Giddaluru S, Goldman AL, Gottesman RF, Greven CU, Grimm O, Griswold ME, Guadalupe T, Hass J, Haukvik UK, Hilal S, Hofer E, Hoehn D, Holmes AJ, Hoogman M, Janowitz D, Jia T, Kasperaviciute D, Kim S, Klein M, Kraemer B, Lee PH, Liao J, Liewald DC, Lopez LM, Luciano M, Macare C, Marquand A, Matarin M, Mather KA, Mattheisen M, Mazoyer B, McKay DR, McWhirter R, Milaneschi Y, Mirza-Schreiber N, Muetzel RL, Maniega SM, Nho K, Nugent AC, Loohuis LM, Oosterlaan J, Papmeyer M, Pappa I, Pirpamer L, Pudas S, Pütz B, Rajan KB, Ramasamy A, Richards JS, Risacher SL, Roiz-Santiañez R, Rommelse N, Rose EJ, Royle NA, Rundek T, Sämann PG, Satizabal CL, Schmaal L, Schork AJ, Shen L, Shin J, Shumskaya E, Smith AV, Sprooten E, Strike LT, Teumer A, Thomson R, Tordesillas-Gutierrez D, Toro R, Trabzuni D, Vaidya D, Van der Grond J, Van der Meer D, Van Donkelaar MM, Van Eijk KR, Van Erp TG, Van Rooij D, Walton E, Westlye LT, Whelan CD, Windham BG, Winkler AM, Woldehawariat G, Wolf C, Wolfers T, Xu B, Yanek LR, Yang J, Zijdenbos A, Zwiens MP, Agartz I, Aggarwal NT, Almasy L, Ames D, Amouyel P, Andreassen OA, Arepalli S, Assareh AA, Barral S, Bastin ME, Becker DM, Becker JT, Bennett DA, Blangero J, van Bokhoven H, Boomsma DI, Brodaty H, Brouwer RM, Brunner HG, Buckner RL, Buitelaar JK, Bulayeva KB, Cahn W, Calhoun VD, Cannon DM, Cavalleri GL, Chen C, Cheng CY, Cichon S, Cookson MR, Corvin A, Crespo-Facorro B, Curran JE, Czisch M, Dale AM, Davies GE, De Geus EJ, De Jager PL, de Zubicaray GI, Delanty N, Depondt C, DeStefano AL, Dillman A, Djurovic S, Donohoe G, Drevets WC, Duggirala R, Dyer TD, Erk S, Espeseth T, Evans DA,

Fedko IO, Fernández G, Ferrucci L, Fisher SE, Fleischman DA, Ford I, Foroud TM, Fox PT, Francks C, Fukunaga M, Gibbs JR, Glahn DC, Gollub RL, Göring HH, Grabe HJ, Green RC, Gruber O, Gudnason V, Guelfi S, Hansell NK, Hardy J, Hartman CA, Hashimoto R, Hegenscheid K, Heinz A, Le Hellard S, Hernandez DG, Heslenfeld DJ, Ho BC, Hoekstra PJ, Hoffmann W, Hofman A, Holsboer F, Homuth G, Hosten N, Hottenga JJ, Hulshoff Pol HE, Ikeda M, Ikram MK, Jack CR Jr, Jenkinson M, Johnson R, Jönsson EG, Jukema JW, Kahn RS, Kanai R, Kloszewska I, Knopman DS, Kochunov P, Kwok JB, Lawrie SM, Lemaître H, Liu X, Longo DL, Longstreth WT Jr, Lopez OL, Lovestone S, Martinez O, Martinot JL, Mattay VS, McDonald C, McIntosh AM, McMahon KL, McMahon FJ, Mecocci P, Melle I, Meyer-Lindenberg A, Mohnke S, Montgomery GW, Morris DW, Mosley TH, Mühleisen TW, Müller-Myhsok B, Nalls MA, Nauck M, Nichols TE, Niessen WJ, Nöthen MM, Nyberg L, Ohi K, Olvera RL, Ophoff RA, Pandolfo M, Paus T, Pausova Z, Penninx BW, Pike GB, Potkin SG, Psaty BM, Reppermund S, Rietschel M, Roffman JL, Romanczuk-Seiferth N, Rotter JI, Ryten M, Sacco RL, Sachdev PS, Saykin AJ, Schmidt R, Schofield PR, Sigurdsson S, Simmons A, Singleton A, Sisodiya SM, Smith C, Smoller JW, Soininen H, Srikanth V, Steen VM, Stott DJ, Sussmann JE, Thalamuthu A, Tiemeier H, Toga AW, Traynor BJ, Troncoso J, Turner JA, Tzourio C, Uitterlinden AG, Hernández MC, Van der Brug M, Van der Lugt A, Van der Wee NJ, Van Duijn CM, Van Haren NE, Van T Ent D, Van Tol MJ, Vardarajan BN, Veltman DJ, Vernooij MW, Völzke H, Walter H, Wardlaw JM, Wassink TH, Weale ME, Weinberger DR, Weiner MW, Wen W, Westman E, White T, Wong TY, Wright CB, Zielke HR, Zonderman AB, Deary IJ, DeCarli C, Schmidt H, Martin NG, De Craen AJ, Wright MJ, Launer LJ, Schumann G, Fornage M, Franke B, DeBette S, Medland SE, Ikram MA, Thompson PM. Novel genetic loci underlying human intracranial volume identified through genome-wide association. *Nat Neurosci.* 2016 Dec;19(12):1569-1582. doi: 10.1038/nn.4398. Epub 2016 Oct 3. PubMed PMID: 27694991; PubMed Central PMCID: PMC5227112.

112: Dea N, Charest-Morin R, Sciubba DM, Bird JE, Disch AC, Mesfin A, Lazáry Á, Fisher CG, Ames C. Optimizing the Adverse Event and HRQOL Profiles in the Management of Primary Spine Tumors. *Spine (Phila Pa 1976).* 2016 Oct 15;41 Suppl 20:S212-S217. Review. PubMed PMID: 27753783.

113: Bonnaire F, Goepel M, Bula P. [The new treatment procedure of the German statutory accident insurance: From the perspective of a community hospital]. *Unfallchirurg.* 2016 Nov;119(11):908-914. German. PubMed PMID: 27752725.

114: Goodwin CR, Abu-Bonsrah N, Bilsky MH, Reynolds JJ, Rhines LD, Laufer I, Disch AC, Bozsodi A, Patel SR, Gokaslan ZL, Sciubba DM, Bettegowda C. Clinical Decision Making: Integrating Advances in the Molecular Understanding of Spine Tumors. *Spine (Phila Pa 1976).* 2016 Oct 15;41 Suppl 20:S171-S177. Review. PubMed PMID: 27488298.

115: Pallesen LP, Khomenko A, Dzialowski I, Barlinn J, Barlinn K, Zerna C, van der Hoeven EJ, Algra A, Kapelle LJ, Michel P, Bodechtel U, Demchuk AM, Schonewille W, Puetz V; BASICS-Study group. CT-angiography source images indicate less fatal outcome despite coma of patients in the Basilar Artery International Cooperation Study. *Int J Stroke.* 2017 Feb;12(2):145-151. doi: 10.1177/1747493016669886. Epub 2016 Oct 3. PubMed PMID: 27698280.

116: San-Juan D, Espinoza López DA, Vázquez Gregorio R, Trenado C, Fernández-González Aragón M, Morales-Quezada L, Hernandez Ruiz A, Hernandez-González F, Alcaraz-Guzmán A, Anschel DJ, Fregni F. Transcranial Direct Current Stimulation in Mesial Temporal Lobe Epilepsy and Hippocampal Sclerosis. *Brain Stimul.* 2017 Jan - Feb;10(1):28-35. doi: 10.1016/j.brs.2016.08.013. Epub 2016 Aug 31. PubMed PMID: 27693237.

117: Ewe A, Panchal O, Pinnapireddy SR, Bakowsky U, Przybylski S, Temme A, Aigner A. Liposome-polyethylenimine complexes (DPPC-PEI lipopolyplexes) for therapeutic siRNA delivery in vivo. *Nanomedicine.* 2017 Jan;13(1):209-218. doi: 10.1016/j.nano.2016.08.005. Epub 2016 Aug 20. PubMed PMID: 27553077.

- 118: Agolli L, Bracci S, Nicosia L, Valeriani M, De Sanctis V, Osti MF. Lung Metastases Treated With Stereotactic Ablative Radiation Therapy in Oligometastatic Colorectal Cancer Patients: Outcomes and Prognostic Factors After Long-Term Follow-Up. *Clin Colorectal Cancer*. 2017 Mar;16(1):58-64. doi: 10.1016/j.clcc.2016.07.004. Epub 2016 Jul 18. PubMed PMID: 27522627.
- 119: Wiedemuth R, Klink B, Fujiwara M, Schröck E, Tatsuka M, Schackert G, Temme A. Janus face-like effects of Aurora B inhibition: antitumoral mode of action versus induction of aneuploid progeny. *Carcinogenesis*. 2016 Oct;37(10):993-1003. doi: 10.1093/carcin/bgw083. Epub 2016 Aug 11. PubMed PMID: 27515963.
- 120: Temme A, Schmitz M. Chimeric antigen receptor-engineered primary natural killer cells: a tool to improve adoptive tumor immunotherapy. *Immunotherapy*. 2016 Sep;8(9):983-6. doi: 10.2217/imt-2016-0072. PubMed PMID: 27485071.
- 121: Maximov GK, Maximov KG, Chokoeva AA, Lotti T, Wollina U, Patterson JW, Guarneri C, Tana C, Fioranelli M, Rocchia MG, Kanazawa N, Tchernev G. 5-hydroxytryptamine and Lyme disease. Opportunity for a novel therapy to reduce the cerebellar tremor? *J Biol Regul Homeost Agents*. 2016 Apr-Jun;30(2 Suppl 2):7-12. PubMed PMID: 27373127.
- 122: Martin KD, Polanski WH, Schulz AK, Jöbges M, Ziemssen T, Schackert G, Pinzer T, Sobottka SB. ActiGait implantable drop foot stimulator in multiple sclerosis: a new indication. *J Neurosurg*. 2017 May;126(5):1685-1690. doi: 10.3171/2016.4.JNS1660. Epub 2016 Jul 1. PubMed PMID: 27367245.
- 123: Behling F, Barrantes-Freer A, Skardelly M, Nieser M, Christians A, Stockhammer F, Rohde V, Tatagiba M, Hartmann C, Stadelmann C, Schittenhelm J. Frequency of BRAF V600E mutations in 969 central nervous system neoplasms. *Diagn Pathol*. 2016 Jun 27;11(1):55. doi: 10.1186/s13000-016-0506-2. PubMed PMID: 27350555; PubMed Central PMCID: PMC4924254.
- 124: Lunardi MS, Lin K, Mameniškienė R, Beniczky S, Bogacz A, Braga P, Guaranha MSB, Yacubian EMT, Samaitienė R, Baykan B, Hummel T, Wolf P. Olfactory stimulation induces delayed responses in epilepsy. *Epilepsy Behav*. 2016 Aug;61:90-96. doi: 10.1016/j.yebeh.2016.05.022. Epub 2016 Jun 23. PubMed PMID: 27344500.
- 125: Newland B, Dunnett SB, Dowd E. Targeting delivery in Parkinson's disease. *Drug Discov Today*. 2016 Aug;21(8):1313-20. doi: 10.1016/j.drudis.2016.06.003. Epub 2016 Jun 14. Review. PubMed PMID: 27312875.
- 126: Bikovsky L, Hadar R, Soto-Montenegro ML, Klein J, Weiner I, Desco M, Pascau J, Winter C, Hamani C. Deep brain stimulation improves behavior and modulates neural circuits in a rodent model of schizophrenia. *Exp Neurol*. 2016 Sep;283(Pt A):142-50. doi: 10.1016/j.expneurol.2016.06.012. Epub 2016 Jun 11. PubMed PMID: 27302677; PubMed Central PMCID: PMC5319857.
- 127: Macerollo A, Martino D, Cavanna AE, Gulisano M, Hartmann A, Hoekstra PJ, Hedderly T, Debes NM, Muller-Vahl K, Neuner I, Porta M, Rickards H, Rizzo R, Cardona F, Roessner V. Refractoriness to pharmacological treatment for tics: A multicentre European audit. *J Neurol Sci*. 2016 Jul 15;366:136-138. doi: 10.1016/j.jns.2016.05.004. Epub 2016 May 4. PubMed PMID: 27288792.
- 128: Rieber J, Streblow J, Uhlmann L, Flentje M, Duma M, Ernst I, Blanck O, Wittig A, Boda-Heggemann J, Krempien R, Lohaus F, Klass ND, Eble MJ, Imhoff D, Kahl H, Petersen C, Gerum S, Henkenberens C, Adebahr S, Hass P, Schrade E, Wendt TG, Hildebrandt G, Andratschke N, Sterzing F, Guckenberger M. Stereotactic body radiotherapy (SBRT) for medically inoperable lung metastases-A pooled analysis of the German working group "stereotactic radiotherapy". *Lung Cancer*. 2016 Jul;97:51-8. doi: 10.1016/j.lungcan.2016.04.012. Epub 2016 Apr 26. PubMed PMID: 27237028.

- 129: Juratli MA, Menyaev YA, Sarimollaoglu M, Siegel ER, Nedosekin DA, Suen JY, Melerzanov AV, Juratli TA, Galanzha EI, Zharov VP. Real-Time Label-Free Embolus Detection Using In Vivo Photoacoustic Flow Cytometry. *PLoS One*. 2016 May 26;11(5):e0156269. doi: 10.1371/journal.pone.0156269. eCollection 2016. PubMed PMID: 27227413; PubMed Central PMCID: PMC4881933.
- 130: Diesner N, Freimann F, Clajus C, Kallenberg K, Rohde V, Stockhammer F. Female gender predisposes for cerebrospinal fluid overdrainage in ventriculoperitoneal shunting. *Acta Neurochir (Wien)*. 2016 Jul;158(7):1273-8. doi: 10.1007/s00701-016-2827-z. Epub 2016 May 13. PubMed PMID: 27177735.
- 131: Ebenbichler GR, Leitgeb J, Amtmann G, König F, Schernthaner M, Resch KL, Kainberger F. Degeneration and Instability and the Relation to Patients' Function Late After Lumbar Disc Surgery: Data from a 12-Year Follow-Up. *Am J Phys Med Rehabil*. 2016 Dec;95(12):871-879. PubMed PMID: 27149592.
- 132: Wallbach M, Halbach M, Reuter H, Passauer J, Lüders S, Böhning E, Zenker D, Müller GA, Wachter R, Koziolok MJ. Baroreflex activation therapy in patients with prior renal denervation. *J Hypertens*. 2016 Aug;34(8):1630-8. doi: 10.1097/HJH.0000000000000949. PubMed PMID: 27137174.
- 133: Gramatzki D, Roth P, Felsberg J, Hofer S, Rushing EJ, Hentschel B, Westphal M, Krex D, Simon M, Schnell O, Wick W, Reifemberger G, Weller M. Chemotherapy for intracranial ependymoma in adults. *BMC Cancer*. 2016 Apr 23;16:287. doi: 10.1186/s12885-016-2323-0. PubMed PMID: 27108407; PubMed Central PMCID: PMC4842281.
- 134: Pohl M, Bertram M, Bucka C, Hartwich M, Jöbges M, Ketter G, Leineweber B, Mertl-Rötzer M, Nowak DA, Platz T, Rollnik JD, Scheidtmann K, Thomas R, von Rosen F, Wallesch CW, Woldag H, Peschel P, Mehrholz J. [Course of rehabilitation in early neurological/neurosurgical rehabilitation. Results of a 2014 multi-center evaluation in Germany]. *Nervenarzt*. 2016 Jun;87(6):634-44. doi: 10.1007/s00115-016-0093-1. German. PubMed PMID: 27090897.
- 135: Compter I, Peerlings J, Eekers DB, Postma AA, Ivanov D, Wiggins CJ, Kubben P, Küsters B, Wesseling P, Ackermans L, Schijns OE, Lambin P, Hoffmann AL. Technical feasibility of integrating 7 T anatomical MRI in image-guided radiotherapy of glioblastoma: a preparatory study. *MAGMA*. 2016 Jun;29(3):591-603. doi: 10.1007/s10334-016-0534-7. Epub 2016 Mar 30. PubMed PMID: 27026245.
- 136: van der Hoeven EJ, McVerry F, Vos JA, Algra A, Puetz V, Kappelle LJ, Schonewille WJ; BASICS registry investigators. Collateral flow predicts outcome after basilar artery occlusion: The posterior circulation collateral score. *Int J Stroke*. 2016 Oct;11(7):768-75. doi: 10.1177/1747493016641951. Epub 2016 Mar 25. PubMed PMID: 27016515.
- 137: Trenkwalder C, Berg D, Rascol O, Eggert K, Ceballos-Baumann A, Corvol JC, Storch A, Zhang L, Azulay JP, Broussolle E, Defebvre L, Geny C, Gostkowski M, Stocchi F, Tranchant C, Derkinderen P, Durif F, Espay AJ, Feigin A, Houeto JL, Schwarz J, Di Paolo T, Feuerbach D, Hockey HU, Jaeger J, Jakab A, Johns D, Linazasoro G, Maruff P, Rozenberg I, Sovago J, Weiss M, Gomez-Mancilla B. A Placebo-Controlled Trial of AQW051 in Patients With Moderate to Severe Levodopa-Induced Dyskinesia. *Mov Disord*. 2016 Jul;31(7):1049-54. doi: 10.1002/mds.26569. Epub 2016 Mar 15. PubMed PMID: 26990766.
- 138: Klement RJ, Allgäuer M, Andratschke N, Blanck O, Boda-Heggemann J, Dieckmann K, Duma M, Ernst I, Flentje M, Ganswindt U, Hass P, Henkenberens C, Imhoff D, Kahl HK, Krempien R, Lohaus F, Nestle U, Nevinny-Stickel M, Petersen C, Schmitt V, Semrau S, Sterzing F, Streblow J, Wendt TG, Wittig

- A, Guckenberger M. Bayesian Cure Rate Modeling of Local Tumor Control: Evaluation in Stereotactic Body Radiation Therapy for Pulmonary Metastases. *Int J Radiat Oncol Biol Phys*. 2016 Mar 15;94(4):841-9. doi: 10.1016/j.ijrobp.2015.12.004. Epub 2015 Dec 15. PubMed PMID: 26972657.
- 139: Donat CK, Gaber K, Meixensberger J, Brust P, Pinborg LH, Hansen HH, Mikkelsen JD. Changes in Binding of [(123)I]CLINDE, a High-Affinity Translocator Protein 18 kDa (TSPO) Selective Radioligand in a Rat Model of Traumatic Brain Injury. *Neuromolecular Med*. 2016 Jun;18(2):158-69. doi: 10.1007/s12017-016-8385-y. Epub 2016 Mar 11. PubMed PMID: 26969181.
- 140: Brandt VC, Beck C, Sajin V, Baaske MK, Bäumer T, Beste C, Anders S, Münchau A. Temporal relationship between premonitory urges and tics in Gilles de la Tourette syndrome. *Cortex*. 2016 Apr;77:24-37. doi: 10.1016/j.cortex.2016.01.008. Epub 2016 Jan 23. PubMed PMID: 26922503.
- 141: Fujiwara M, Okamoto M, Hori M, Suga H, Jikihara H, Sugihara Y, Shimamoto F, Mori T, Nakaoji K, Hamada K, Ota T, Wiedemuth R, Temme A, Tatsuka M. Radiation-Induced RhoGDI β Cleavage Leads to Perturbation of Cell Polarity: A Possible Link to Cancer Spreading. *J Cell Physiol*. 2016 Nov;231(11):2493-505. doi: 10.1002/jcp.25362. Epub 2016 Mar 14. PubMed PMID: 26919575.
- 142: Bosche B, Molcanyi M, Noll T, Rej S, Zatschler B, Doeppner TR, Hescheler J, Müller DJ, Macdonald RL, Härtel FV. A differential impact of lithium on endothelium-dependent but not on endothelium-independent vessel relaxation. *Prog Neuropsychopharmacol Biol Psychiatry*. 2016 Jun 3;67:98-106. doi: 10.1016/j.pnpbp.2016.02.004. Epub 2016 Feb 10. PubMed PMID: 26875501.
- 143: Schläger C, Körner H, Krueger M, Vidoli S, Haberl M, Mielke D, Brylla E, Issekutz T, Cabañas C, Nelson PJ, Ziemssen T, Rohde V, Bechmann I, Lodygin D, Odoardi F, Flügel A. Effector T-cell trafficking between the leptomeninges and the cerebrospinal fluid. *Nature*. 2016 Feb 18;530(7590):349-53. doi: 10.1038/nature16939. Epub 2016 Feb 10. PubMed PMID: 26863192.
- 144: Zolal A, Juratli TA, Linn J, Podlesek D, Sitoci Ficici KH, Kitzler HH, Schackert G, Sobottka SB, Rieger B, Krex D. Enhancing tumor apparent diffusion coefficient histogram skewness stratifies the postoperative survival in recurrent glioblastoma multiforme patients undergoing salvage surgery. *J Neurooncol*. 2016 May;127(3):551-7. doi: 10.1007/s11060-016-2063-7. Epub 2016 Jan 30. PubMed PMID: 26830088.
- 145: Michen S, Temme A. Genetically Engineered Natural Killer Cells as a Means for Adoptive Tumor Immunotherapy. *Crit Rev Immunol*. 2016;36(4):329-347. doi: 10.1615/CritRevImmunol.2017019376. Review. PubMed PMID: 28322137.
- 146: Tawk B, Schwager C, Deffaa O, Dyckhoff G, Warta R, Linge A, Krause M, Weichert W, Baumann M, Herold-Mende C, Debus J, Abdollahi A. Comparative analysis of transcriptomics based hypoxia signatures in head- and neck squamous cell carcinoma. *Radiother Oncol*. 2016 Feb;118(2):350-8. doi: 10.1016/j.radonc.2015.11.027. Epub 2015 Dec 19. PubMed PMID: 26711490.
- 147: Hübler M. Reply: To PMID 25303987. *Br J Anaesth*. 2016 Jan;116(1):142-3. doi: 10.1093/bja/aev423. PubMed PMID: 26675961.
- 148: Scholz A, Harter PN, Cremer S, Yalcin BH, Gurnik S, Yamaji M, Di Tacchio M, Sommer K, Baumgarten P, Bähr O, Steinbach JP, Trojan J, Glas M, Herrlinger U, Krex D, Meinhardt M, Weyerbrock A, Timmer M, Goldbrunner R, Deckert M, Braun C, Schittenhelm J, Frueh JT, Ullrich E, Mittelbronn M, Plate KH, Reiss Y. Endothelial cell-derived angiopoietin-2 is a therapeutic target in treatment-naïve and bevacizumab-resistant glioblastoma. *EMBO Mol Med*. 2016 Jan 1;8(1):39-57. doi: 10.15252/emmm.201505505. PubMed PMID: 26666269; PubMed Central PMCID: PMC4718155.

- 149: Lee YH, Kim WJ, Lee MH, Kim SY, Seo DH, Kim HS, Gelinsky M, Kim TJ. Anti-skeletal muscle atrophy effect of *Oenothera odorata* root extract via reactive oxygen species-dependent signaling pathways in cellular and mouse model. *Biosci Biotechnol Biochem*. 2016;80(1):80-8. doi: 10.1080/09168451.2015.1075861. Epub 2015 Aug 19. PubMed PMID: 26613402.
- 150: Betz VM, Sitoci-Ficici KH, Uckermann O, Leipnitz E, Iltzsche A, Thirion C, Salomon M, Zwipp H, Schackert G, Betz OB, Kirsch M. Gene-activated fat grafts for the repair of spinal cord injury: a pilot study. *Acta Neurochir (Wien)*. 2016 Feb;158(2):367-78. doi: 10.1007/s00701-015-2626-y. Epub 2015 Nov 23. PubMed PMID: 26592254.
- 151: Tamosaityte S, Galli R, Uckermann O, Sitoci-Ficici KH, Later R, Beiermeister R, Doberenz F, Gelinsky M, Leipnitz E, Schackert G, Koch E, Sablinskas V, Steiner G, Kirsch M. Biochemical Monitoring of Spinal Cord Injury by FT-IR Spectroscopy-Effects of Therapeutic Alginate Implant in Rat Models. *PLoS One*. 2015 Nov 11;10(11):e0142660. doi: 10.1371/journal.pone.0142660. eCollection 2015. Erratum in: *PLoS One*. 2016;11(2):e0150237. PubMed PMID: 26559822; PubMed Central PMCID: PMC4641584.
- 152: Harter PN, Bernatz S, Scholz A, Zeiner PS, Zinke J, Kiyose M, Blasel S, Beschoner R, Senft C, Bender B, Ronellenfitsch MW, Wikman H, Glatzel M, Meinhardt M, Juratli TA, Steinbach JP, Plate KH, Wischhusen J, Weide B, Mittelbronn M. Distribution and prognostic relevance of tumor-infiltrating lymphocytes (TILs) and PD-1/PD-L1 immune checkpoints in human brain metastases. *Oncotarget*. 2015 Dec 1;6(38):40836-49. doi: 10.18632/oncotarget.5696. PubMed PMID: 26517811; PubMed Central PMCID: PMC4747372.
- 153: Reinshagen C, Redjal N, Molcanyi M, Rieger B. Surgical Approaches to the Lumbar Hidden Zone: Current Strategies and Future Directions. *EBioMedicine*. 2015 Sep 8;2(9):1005-7. doi: 10.1016/j.ebiom.2015.09.010. eCollection 2015 Sep. PubMed PMID: 26501088; PubMed Central PMCID: PMC4588426.
- 154: Kirchhof P, Breithardt G, Bax J, Benninger G, Blomstrom-Lundqvist C, Boriani G, Brandes A, Brown H, Brueckmann M, Calkins H, Calvert M, Christoffels V, Crijns H, Dobrev D, Ellinor P, Fabritz L, Fetsch T, Freedman SB, Gerth A, Goette A, Guasch E, Hack G, Haegeli L, Hatem S, Haeusler KG, Heidbüchel H, Heinrich-Nols J, Hidden-Lucet F, Hindricks G, Juul-Möller S, Käåb S, Kappenberger L, Kespohl S, Kotecha D, Lane DA, Leute A, Lewalter T, Meyer R, Mont L, Münzel F, Nabauer M, Nielsen JC, Oeff M, Oldgren J, Oto A, Piccini JP, Pilmeyer A, Potpara T, Ravens U, Reinecke H, Rostock T, Rustige J, Savelieva I, Schnabel R, Schotten U, Schwichtenberg L, Sinner MF, Steinbeck G, Stoll M, Tavazzi L, Themistoclakis S, Tse HF, Van Gelder IC, Vardas PE, Varpula T, Vincent A, Werring D, Willems S, Ziegler A, Lip GY, Camm AJ. A roadmap to improve the quality of atrial fibrillation management: proceedings from the fifth Atrial Fibrillation Network/European Heart Rhythm Association consensus conference. *Europace*. 2016 Jan;18(1):37-50. doi: 10.1093/europace/euv304. Epub 2015 Oct 18. Review. PubMed PMID: 26481149.
- 155: Zindler JD, Thomas CR Jr, Hahn SM, Hoffmann AL, Troost EG, Lambin P. Increasing the Therapeutic Ratio of Stereotactic Ablative Radiotherapy by Individualized Isotoxic Dose Prescription. *J Natl Cancer Inst*. 2015 Oct 16;108(2). pii: djv305. doi: 10.1093/jnci/djv305. Print 2016 Feb. Review. PubMed PMID: 26476075.
- 156: Hausmann C, Temme A, Cordes N, Eke I. ILKAP, ILK and PINCH1 control cell survival of p53-wildtype glioblastoma cells after irradiation. *Oncotarget*. 2015 Oct 27;6(33):34592-605. doi: 10.18632/oncotarget.5423. PubMed PMID: 26460618; PubMed Central PMCID: PMC4741475.
- 157: Tysnes OB, Kenborg L, Herlofson K, Steding-Jessen M, Horn A, Olsen JH, Reichmann H. Does

vagotomy reduce the risk of Parkinson's disease? *Ann Neurol*. 2015 Dec;78(6):1011-2. doi: 10.1002/ana.24531. Epub 2015 Nov 14. PubMed PMID: 26418122.

158: Goyal N, Tsivgoulis G, Zand R, Sharma VK, Barlinn K, Male S, Katsanos AH, Bodechtel U, Iftikhar S, Arthur A, Eljovich L, Alexandrov AW, Alexandrov AV. Systemic thrombolysis in acute ischemic stroke patients with unruptured intracranial aneurysms. *Neurology*. 2015 Oct 27;85(17):1452-8. doi: 10.1212/WNL.0000000000002068. Epub 2015 Sep 25. PubMed PMID: 26408492; PubMed Central PMCID: PMC4631074.

159: Steinfeldt T, Volk T, Kessler P, Vicent O, Wulf H, Gottschalk A, Lange M, Schwartzkopf P, Hüttemann E, Tessmann R, Marx A, Souquet J, Häger D, Nagel W, Biscopig J, Schwemmer U. Peripheral nerve blocks on the upper extremity: Technique of landmark-based and ultrasound-guided approaches. *Anaesthesist*. 2015 Nov;64(11):846-54. doi: 10.1007/s00101-015-0091-x. Review. PubMed PMID: 26408023.

160: Guckenberger M, Klement RJ, Allgäuer M, Andratschke N, Blanck O, Boda-Heggemann J, Dieckmann K, Duma M, Ernst I, Ganswindt U, Hass P, Henkenberens C, Holy R, Imhoff D, Kahl HK, Krempien R, Lohaus F, Nestle U, Nevinny-Stickel M, Petersen C, Semrau S, Streblow J, Wendt TG, Wittig A, Flentje M, Sterzing F. Local tumor control probability modeling of primary and secondary lung tumors in stereotactic body radiotherapy. *Radiother Oncol*. 2016 Mar;118(3):485-91. doi: 10.1016/j.radonc.2015.09.008. Epub 2015 Sep 15. PubMed PMID: 26385265.

161: Uckermann O, Galli R, Beiermeister R, Sitoci-Ficici KH, Later R, Leipnitz E, Neuwirth A, Chavakis T, Koch E, Schackert G, Steiner G, Kirsch M. Endogenous Two-Photon Excited Fluorescence Provides Label-Free Visualization of the Inflammatory Response in the Rodent Spinal Cord. *Biomed Res Int*. 2015;2015:859084. doi: 10.1155/2015/859084. Epub 2015 Aug 18. PubMed PMID: 26355949; PubMed Central PMCID: PMC4555451.

162: Zolal A, Juratli T, Dengl M, Ficici KH, Schackert G, Sobottka SB. Daily drained CSF volume is a predictor for shunt dependence - A retrospective study. *Clin Neurol Neurosurg*. 2015 Nov;138:147-50. doi: 10.1016/j.clineuro.2015.08.021. Epub 2015 Aug 28. PubMed PMID: 26342208.

163: Lojewski X, Srimasorn S, Rauh J, Francke S, Wobus M, Taylor V, Araújo-Bravo MJ, Hallmeyer-Elgner S, Kirsch M, Schwarz S, Schwarz J, Storch A, Hermann A. Perivascular Mesenchymal Stem Cells From the Adult Human Brain Harbor No Intrinsic Neuroectodermal but High Mesodermal Differentiation Potential. *Stem Cells Transl Med*. 2015 Oct;4(10):1223-33. doi: 10.5966/sctm.2015-0057. Epub 2015 Aug 24. PubMed PMID: 26304036; PubMed Central PMCID: PMC4572903.

164: Menegakis A, De Colle C, Yaromina A, Hennenlotter J, Stenzl A, Scharpf M, Fend F, Noell S, Tatagiba M, Brucker S, Wallwiener D, Boeke S, Ricardi U, Baumann M, Zips D. Residual γH2AX foci after ex vivo irradiation of patient samples with known tumour-type specific differences in radio-responsiveness. *Radiother Oncol*. 2015 Sep;116(3):480-5. doi: 10.1016/j.radonc.2015.08.006. Epub 2015 Aug 18. PubMed PMID: 26297183.

165: Seidlitz A, Siepmann T, Löck S, Juratli T, Baumann M, Krause M. Impact of waiting time after surgery and overall time of postoperative radiochemotherapy on treatment outcome in glioblastoma multiforme. *Radiat Oncol*. 2015 Aug 16;10:172. doi: 10.1186/s13014-015-0478-5. PubMed PMID: 26276734; PubMed Central PMCID: PMC4554319.

166: Carvalhal S, Ribeiro SA, Arocena M, Kasciukovic T, Temme A, Koehler K, Huebner A, Griffis ER. The nucleoporin ALADIN regulates Aurora A localization to ensure robust mitotic spindle formation.

Mol Biol Cell. 2015 Oct 1;26(19):3424-38. doi: 10.1091/mbc.E15-02-0113. Epub 2015 Aug 5. PubMed PMID: 26246606; PubMed Central PMCID: PMC4591688.

167: Ringel F, Pape H, Sabel M, Krex D, Bock HC, Misch M, Weyerbrock A, Westermaier T, Senft C, Schucht P, Meyer B, Simon M; SN1 study group. Clinical benefit from resection of Glioblastoma recurrences: results of a multicenter study including 503 patients with Glioblastoma recurrences undergoing surgical resection. *Neuro Oncol.* 2016 Jan;18(1):96-104. doi: 10.1093/neuonc/nov145. Epub 2015 Aug 4. PubMed PMID: 26243790; PubMed Central PMCID: PMC4677413.

168: Winter C, Bregman T, Voget M, Raymond R, Hadar R, Nobrega JN, Hamani C. Acute high frequency stimulation of the prefrontal cortex or nucleus accumbens does not increase hippocampal neurogenesis in rats. *J Psychiatr Res.* 2015 Sep;68:27-9. doi: 10.1016/j.jpsychires.2015.05.012. Epub 2015 May 30. PubMed PMID: 26228396; PubMed Central PMCID: PMC5303012.

169: Klein J, Sandi-Gahun S, Schackert G, Juratli TA. Peripheral nerve field stimulation for trigeminal neuralgia, trigeminal neuropathic pain, and persistent idiopathic facial pain. *Cephalalgia.* 2016 Apr;36(5):445-53. doi: 10.1177/0333102415597526. Epub 2015 Jul 24. PubMed PMID: 26209705.

170: Martin KD, Polanski WH, Schulz AK, Jöbges M, Hoff H, Schackert G, Pinzer T, Sobottka SB. Restoration of ankle movements with the ActiGait implantable drop foot stimulator: a safe and reliable treatment option for permanent central leg palsy. *J Neurosurg.* 2016 Jan;124(1):70-6. doi: 10.3171/2014.12.JNS142110. Epub 2015 Jul 24. PubMed PMID: 26207599.

171: Rieger C, Huebner D, Temme A, Wirth MP, Fuessel S. Antisense- and siRNA-mediated inhibition of the anti-apoptotic gene Bcl-xL for chemosensitization of bladder cancer cells. *Int J Oncol.* 2015 Sep;47(3):1121-30. doi: 10.3892/ijo.2015.3096. Epub 2015 Jul 20. PubMed PMID: 26201840.

172: Martin KD, Polanski W, Schackert G, Sobottka SB. New Therapeutic Option for Drop Foot with the ActiGait Peroneal Nerve Stimulator—a Technical Note. *World Neurosurg.* 2015 Dec;84(6):2037-42. doi: 10.1016/j.wneu.2015.06.074. Epub 2015 Jul 9. PubMed PMID: 26164191.

173: Sippel D, Marckmann G, Ndzie Atangana E, Strech D. Clinical Ethics in Gabon: The Spectrum of Clinical Ethical Issues Based on Findings from In-Depth Interviews at Three Public Hospitals. *PLoS One.* 2015 Jul 10;10(7):e0132374. doi: 10.1371/journal.pone.0132374. eCollection 2015. PubMed PMID: 26161655; PubMed Central PMCID: PMC4498757.

174: Lohkamp LN, Öllinger R, Chatzigeorgiou A, Illigens BM, Siepmann T. Intraoperative biomarkers in renal transplantation. *Nephrology (Carlton).* 2016 Mar;21(3):188-99. doi: 10.1111/nep.12556. Review. PubMed PMID: 26132511.

175: Reinshagen C, Ruess D, Walcott BP, Molcanyi M, Goldbrunner R, Rieger B. A novel minimally invasive technique for lumbar decompression, realignment, and navigated interbody fusion. *J Clin Neurosci.* 2015 Sep;22(9):1484-90. doi: 10.1016/j.jocn.2015.03.019. Epub 2015 Jun 19. PubMed PMID: 26100155.

176: Pascual JM, Rosdolsky M, Prieto R, Strauß S, Winter E, Ulrich W. Jakob Erdheim (1874-1937): father of hypophyseal-duct tumors (craniopharyngiomas). *Virchows Arch.* 2015 Oct;467(4):459-69. doi: 10.1007/s00428-015-1798-4. Epub 2015 Jun 19. PubMed PMID: 26089144.

177: Krause M, Supiot S. Advances in radiotherapy special feature. *Br J Radiol.* 2015 Jul;88(1051):20150412. doi: 10.1259/bjr.20150412. Epub 2015 May 26. PubMed PMID: 26084353; PubMed Central PMCID: PMC4628545.

- 178: Walton E, Hass J, Liu J, Roffman JL, Bernardoni F, Roessner V, Kirsch M, Schackert G, Calhoun V, Ehrlich S. Correspondence of DNA Methylation Between Blood and Brain Tissue and Its Application to Schizophrenia Research. *Schizophr Bull.* 2016 Mar;42(2):406-14. doi: 10.1093/schbul/sbv074. Epub 2015 Jun 8. PubMed PMID: 26056378; PubMed Central PMCID: PMC4753587.
- 179: Hadar R, Soto-Montenegro ML, Götz T, Wieske F, Sohr R, Desco M, Hamani C, Weiner I, Pascau J, Winter C. Using a maternal immune stimulation model of schizophrenia to study behavioral and neurobiological alterations over the developmental course. *Schizophr Res.* 2015 Aug;166(1-3):238-47. doi: 10.1016/j.schres.2015.05.010. Epub 2015 Jun 6. PubMed PMID: 26055633; PubMed Central PMCID: PMC5233455.
- 180: Juratli TA, Lautenschläger T, Geiger KD, Pinzer T, Krause M, Schackert G, Krex D. Radio-chemotherapy improves survival in IDH-mutant, 1p/19q non-codeleted secondary high-grade astrocytoma patients. *J Neurooncol.* 2015 Sep;124(2):197-205. doi: 10.1007/s11060-015-1822-1. Epub 2015 Jun 2. PubMed PMID: 26033545.
- 181: Juratli TA, Cahill DP, McCutcheon IE. Determining optimal treatment strategy for diffuse glioma: the emerging role of IDH mutations. *Expert Rev Anticancer Ther.* 2015 Jun;15(6):603-6. doi: 10.1586/14737140.2015.1047351. Epub 2015 May 17. PubMed PMID: 25980633; PubMed Central PMCID: PMC5089964.
- 182: Müller N, Michen S, Tietze S, Töpfer K, Schulte A, Lamszus K, Schmitz M, Schackert G, Pastan I, Temme A. Engineering NK Cells Modified With an EGFRvIII-specific Chimeric Antigen Receptor to Overexpress CXCR4 Improves Immunotherapy of CXCL12/SDF-1 α -secreting Glioblastoma. *J Immunother.* 2015 Jun;38(5):197-210. doi: 10.1097/CJI.000000000000082. PubMed PMID: 25962108; PubMed Central PMCID: PMC4428685.
- 183: Hermann A, Reuner U, Schaefer J, Fathinia P, Leimert T, Kassubek J, Leimert M, Ludolph AC, Storch A. The diagnostic value of midbrain hyperechogenicity in ALS is limited for discriminating key ALS differential diagnoses. *BMC Neurol.* 2015 Mar 14;15:33. doi: 10.1186/s12883-015-0280-x. PubMed PMID: 25879789; PubMed Central PMCID: PMC4379542.
- 184: Menegakis A, von Neubeck C, Yaromina A, Thames H, Hering S, Hennenlotter J, Scharpf M, Noell S, Krause M, Zips D, Baumann M. γ H2AX assay in ex vivo irradiated tumour specimens: A novel method to determine tumour radiation sensitivity in patient-derived material. *Radiother Oncol.* 2015 Sep;116(3):473-9. doi: 10.1016/j.radonc.2015.03.026. Epub 2015 Apr 9. PubMed PMID: 25866027.
- 185: Podlessek D, Meyer T, Morgenstern U, Schackert G, Kirsch M. Improved visualization of intracranial vessels with intraoperative coregistration of rotational digital subtraction angiography and intraoperative 3D ultrasound. *PLoS One.* 2015 Mar 24;10(3):e0121345. doi: 10.1371/journal.pone.0121345. eCollection 2015. PubMed PMID: 25803318; PubMed Central PMCID: PMC4372211.
- 186: Dzmitruk V, Szulc A, Shcharbin D, Janaszewska A, Shcharbina N, Lazniewska J, Novopashina D, Buyanova M, Ionov M, Klajnert-Maculewicz B, Gómez-Ramírez R, Mignani S, Majoral JP, Muñoz-Fernández MA, Bryszewska M. Anticancer siRNA cocktails as a novel tool to treat cancer cells. Part (B). Efficiency of pharmacological action. *Int J Pharm.* 2015 May 15;485(1-2):288-94. doi: 10.1016/j.ijpharm.2015.03.034. Epub 2015 Mar 18. PubMed PMID: 25796120.
- 187: Töpfer K, Cartellieri M, Michen S, Wiedemuth R, Müller N, Lindemann D, Bachmann M, Füssel M, Schackert G, Temme A. DAP12-based activating chimeric antigen receptor for NK cell tumor immunotherapy. *J Immunol.* 2015 Apr 1;194(7):3201-12. doi: 10.4049/jimmunol.1400330. Epub 2015

Mar 4. PubMed PMID: 25740942.

188: Brada M, Pope A, Baumann M. SABR in NSCLC—the beginning of the end or the end of the beginning? *Radiother Oncol*. 2015 Feb;114(2):135-7. doi: 10.1016/j.radonc.2015.01.012. Epub 2015 Feb 6. PubMed PMID: 25665955.

189: Renz M, Otten C, Faurobert E, Rudolph F, Zhu Y, Boulday G, Duchene J, Mickoleit M, Dietrich AC, Ramspacher C, Steed E, Manet-Dupé S, Benz A, Hassel D, Vermot J, Huiskens J, Tournier-Lasserre E, Felbor U, Sure U, Albiges-Rizo C, Abdelilah-Seyfried S. Regulation of $\beta 1$ integrin-Klf2-mediated angiogenesis by CCM proteins. *Dev Cell*. 2015 Jan 26;32(2):181-90. doi: 10.1016/j.devcel.2014.12.016. PubMed PMID: 25625207.

190: Westphal M, Heese O, Steinbach JP, Schnell O, Schackert G, Mehdorn M, Schulz D, Simon M, Schlegel U, Senft C, Geletneky K, Braun C, Hartung JG, Reuter D, Metz MW, Bach F, Pietsch T. A randomised, open label phase III trial with nimotuzumab, an anti-epidermal growth factor receptor monoclonal antibody in the treatment of newly diagnosed adult glioblastoma. *Eur J Cancer*. 2015 Mar;51(4):522-32. doi: 10.1016/j.ejca.2014.12.019. Epub 2015 Jan 20. PubMed PMID: 25616647.

191: Hibar DP, Stein JL, Renteria ME, Arias-Vasquez A, Desrivieres S, Jahanshad N, Toro R, Wittfeld K, Abramovic L, Andersson M, Aribisala BS, Armstrong NJ, Bernard M, Bohlken MM, Boks MP, Bralten J, Brown AA, Chakravarty MM, Chen Q, Ching CR, Cuellar-Partida G, den Braber A, Giddaluru S, Goldman AL, Grimm O, Guadalupe T, Hass J, Woldehawariat G, Holmes AJ, Hoogman M, Janowitz D, Jia T, Kim S, Klein M, Kraemer B, Lee PH, Olde Loohuis LM, Luciano M, Macare C, Mather KA, Mattheisen M, Milaneschi Y, Nho K, Papmeyer M, Ramasamy A, Risacher SL, Roiz-Santiañez R, Rose EJ, Salami A, Sämann PG, Schmaal L, Schork AJ, Shin J, Strike LT, Teumer A, van Donkelaar MM, van Eijk KR, Walters RK, Westlye LT, Whelan CD, Winkler AM, Zwiens MP, Alhusaini S, Athanasiu L, Ehrlich S, Hakobjan MM, Hartberg CB, Haukvik UK, Heister AJ, Hoehn D, Kasperaviciute D, Liewald DC, Lopez LM, Makkinje RR, Matarin M, Naber MA, McKay DR, Needham M, Nugent AC, Pütz B, Royle NA, Shen L, Sprooten E, Trabzuni D, van der Marel SS, van Hulzen KJ, Walton E, Wolf C, Almasy L, Ames D, Arepalli S, Assareh AA, Bastin ME, Brodaty H, Bulayeva KB, Carless MA, Cichon S, Corvin A, Curran JE, Czisch M, de Zubicaray GI, Dillman A, Duggirala R, Dyer TD, Erk S, Fedko IO, Ferrucci L, Foroud TM, Fox PT, Fukunaga M, Gibbs JR, Göring HH, Green RC, Guelfi S, Hansell NK, Hartman CA, Hegenscheid K, Heinz A, Hernandez DG, Heslenfeld DJ, Hoekstra PJ, Holsboer F, Homuth G, Hottenga JJ, Ikeda M, Jack CR Jr, Jenkinson M, Johnson R, Kanai R, Keil M, Kent JW Jr, Kochunov P, Kwok JB, Lawrie SM, Liu X, Longo DL, McMahon KL, Meisenzahl E, Melle I, Mohnke S, Montgomery GW, Mostert JC, Mühleisen TW, Nalls MA, Nichols TE, Nilsson LG, Nöthen MM, Ohi K, Olvera RL, Perez-Iglesias R, Pike GB, Potkin SG, Reinvang I, Reppermund S, Rietschel M, Romanczuk-Seiferth N, Rosen GD, Rujescu D, Schnell K, Schofield PR, Smith C, Steen VM, Sussmann JE, Thalamuthu A, Toga AW, Traynor BJ, Troncoso J, Turner JA, Valdés Hernández MC, van 't Ent D, van der Brug M, van der Wee NJ, van Tol MJ, Veltman DJ, Wassink TH, Westman E, Zielke RH, Zonderman AB, Ashbrook DG, Hager R, Lu L, McMahon FJ, Morris DW, Williams RW, Brunner HG, Buckner RL, Buitelaar JK, Cahn W, Calhoun VD, Cavalleri GL, Crespo-Facorro B, Dale AM, Davies GE, Delanty N, Depondt C, Djurovic S, Drevets WC, Espeseth T, Gollub RL, Ho BC, Hoffmann W, Hosten N, Kahn RS, Le Hellard S, Meyer-Lindenberg A, Müller-Myhsok B, Nauck M, Nyberg L, Pandolfo M, Penninx BW, Roffman JL, Sisodiya SM, Smoller JW, van Bokhoven H, van Haren NE, Völzke H, Walter H, Weiner MW, Wen W, White T, Agartz I, Andreassen OA, Blangero J, Boomsma DI, Brouwer RM, Cannon DM, Cookson MR, de Geus EJ, Deary IJ, Donohoe G, Fernández G, Fisher SE, Francks C, Glahn DC, Grabe HJ, Gruber O, Hardy J, Hashimoto R, Hulshoff Pol HE, Jönsson EG, Kloszewska I, Lovestone S, Mattay VS, Mecocci P, McDonald C, McIntosh AM, Ophoff RA, Paus T, Pausova Z, Ryten M, Sachdev PS, Saykin AJ, Simmons A, Singleton A, Soininen H, Wardlaw JM, Weale ME, Weinberger DR, Adams HH, Launer LJ, Seiler S, Schmidt R, Chauhan G, Satizabal CL, Becker JT, Yanek L, van der Lee SJ, Ebling M, Fischl B, Longstreth WT Jr, Greve D, Schmidt H, Nyquist P, Vinke LN, van Duijn CM, Xue L, Mazoyer B, Bis JC, Gudnason V, Seshadri S, Ikram MA; Alzheimer's Disease

Neuroimaging Initiative; CHARGE Consortium; EPIGEN; IMAGEN; SYS, Martin NG, Wright MJ, Schumann G, Franke B, Thompson PM, Medland SE. Common genetic variants influence human subcortical brain structures. *Nature*. 2015 Apr 9;520(7546):224-9. doi: 10.1038/nature14101. Epub 2015 Jan 21. PubMed PMID: 25607358; PubMed Central PMCID: PMC4393366.

192: Polanski WH, Martin KD, Engellandt K, von Kummer R, Klingelhoefer L, Fauser M, Storch A, Schackert G, Sobottka SB. Accuracy of subthalamic nucleus targeting by T2, FLAIR and SWI-3-Tesla MRI confirmed by microelectrode recordings. *Acta Neurochir (Wien)*. 2015 Mar;157(3):479-86. doi: 10.1007/s00701-014-2328-x. Epub 2015 Jan 18. PubMed PMID: 25596640.

193: Gupta CN, Calhoun VD, Rachakonda S, Chen J, Patel V, Liu J, Segall J, Franke B, Zwiers MP, Arias-Vasquez A, Buitelaar J, Fisher SE, Fernandez G, van Erp TG, Potkin S, Ford J, Mathalon D, McEwen S, Lee HJ, Mueller BA, Greve DN, Andreassen O, Agartz I, Gollub RL, Sponheim SR, Ehrlich S, Wang L, Pearlson G, Glahn DC, Sprooten E, Mayer AR, Stephen J, Jung RE, Canive J, Bustillo J, Turner JA. Patterns of Gray Matter Abnormalities in Schizophrenia Based on an International Mega-analysis. *Schizophr Bull*. 2015 Sep;41(5):1133-42. doi: 10.1093/schbul/sbu177. Epub 2014 Dec 28. PubMed PMID: 25548384; PubMed Central PMCID: PMC4535628.

194: Meinhardt A, Eberle D, Tazaki A, Ranga A, Niesche M, Wilsch-Bräuninger M, Stec A, Schackert G, Lutolf M, Tanaka EM. 3D reconstitution of the patterned neural tube from embryonic stem cells. *Stem Cell Reports*. 2014 Dec 9;3(6):987-99. doi: 10.1016/j.stemcr.2014.09.020. Epub 2014 Oct 30. PubMed PMID: 25454634; PubMed Central PMCID: PMC4264068.

195: Sygnecka K, Heine C, Scherf N, Fasold M, Binder H, Scheller C, Franke H. Nimodipine enhances neurite outgrowth in dopaminergic brain slice co-cultures. *Int J Dev Neurosci*. 2015 Feb;40:1-11. doi: 10.1016/j.ijdevneu.2014.10.005. Epub 2014 Nov 4. PubMed PMID: 25447789.

196: Galli R, Uckermann O, Andresen EF, Geiger KD, Koch E, Schackert G, Steiner G, Kirsch M. Intrinsic indicator of photodamage during label-free multiphoton microscopy of cells and tissues. *PLoS One*. 2014 Oct 24;9(10):e110295. doi: 10.1371/journal.pone.0110295. eCollection 2014. PubMed PMID: 25343251; PubMed Central PMCID: PMC4208781.

197: Hübner M, Planitz MC, Vicent O. Early pharmacokinetic of ropivacaine without epinephrine after injection into the psoas compartment. *Br J Anaesth*. 2015 Jan;114(1):130-5. doi: 10.1093/bja/aeu363. Epub 2014 Oct 10. PubMed PMID: 25303987.

198: Ebenbichler GR, Inschlag S, Pflüger V, Stemberger R, Wiesinger G, Novak K, Christoph K, Resch KL. Twelve-year follow-up of a randomized controlled trial of comprehensive physiotherapy following disc herniation operation. *Clin Rehabil*. 2015 Jun;29(6):548-60. doi: 10.1177/0269215514552032. Epub 2014 Oct 6. Erratum in: *Clin Rehabil*. 2016 Jun;30(6):623. PubMed PMID: 25288048.

199: Okamoto M, Fujiwara M, Hori M, Okada K, Yazama F, Konishi H, Xiao Y, Qi G, Shimamoto F, Ota T, Temme A, Tatsuka M. tRNA modifying enzymes, NSUN2 and METTL1, determine sensitivity to 5-fluorouracil in HeLa cells. *PLoS Genet*. 2014 Sep 18;10(9):e1004639. doi: 10.1371/journal.pgen.1004639. eCollection 2014 Sep. PubMed PMID: 25233213; PubMed Central PMCID: PMC4169382.

200: Uckermann O, Galli R, Tamosaityte S, Leipnitz E, Geiger KD, Schackert G, Koch E, Steiner G, Kirsch M. Label-free delineation of brain tumors by coherent anti-Stokes Raman scattering microscopy in an orthotopic mouse model and human glioblastoma. *PLoS One*. 2014 Sep 8;9(9):e107115. doi: 10.1371/journal.pone.0107115. eCollection 2014. PubMed PMID: 25198698; PubMed Central PMCID: PMC4159970.

- 201: Froehner M, Hölscher T, Hakenberg OW, Wirth MP. Treatment of bone metastases in urologic malignancies. *Urol Int.* 2014;93(3):249-56. doi: 10.1159/000365788. Epub 2014 Aug 7. Review. PubMed PMID: 25115989.
- 202: Daenzer S, Freitag S, von Sachsen S, Steinke H, Groll M, Meixensberger J, Leimert M. VolHOG: a volumetric object recognition approach based on bivariate histograms of oriented gradients for vertebra detection in cervical spine MRI. *Med Phys.* 2014 Aug;41(8):082305. doi: 10.1118/1.4890587. PubMed PMID: 25086554.
- 203: Niesche M, Juratli TA, Sitoci KH, Neidel J, Daubner D, Schackert G, Leimert M. Percutaneous pedicle screw and rod fixation with TLIF in a series of 14 patients with recurrent lumbar disc herniation. *Clin Neurol Neurosurg.* 2014 Sep;124:25-31. doi: 10.1016/j.clineuro.2014.06.020. Epub 2014 Jun 23. PubMed PMID: 24999541.
- 204: Martin DK, Uckermann O, Bertram A, Liebner C, Hendruschk S, Sitoci-Ficici KH, Schackert G, Lord EM, Temme A, Kirsch M. Differential growth inhibition of cerebral metastases by anti-angiogenic compounds. *Anticancer Res.* 2014 Jul;34(7):3293-302. PubMed PMID: 24982333; PubMed Central PMCID: PMC4388740.
- 205: Asbridge M, Mann R, Cusimano MD, Tallon JM, Pauley C, Rehm J. Cycling-related crash risk and the role of cannabis and alcohol: a case-crossover study. *Prev Med.* 2014 Sep;66:80-6. doi: 10.1016/j.ypmed.2014.06.006. Epub 2014 Jun 16. PubMed PMID: 24945694.
- 206: Klingelhoefer L, Misbahuddin A, Jawad T, Mellers J, Jarosz J, Weeks R, Ray Chaudhuri K. Vanishing white matter disease presenting as opsoclonus myoclonus syndrome in childhood—a case report and review of the literature. *Pediatr Neurol.* 2014 Jul;51(1):157-64. doi: 10.1016/j.pediatrneurol.2014.03.008. Epub 2014 Mar 15. Review. PubMed PMID: 24938145.
- 207: Demchuk AM, Goyal M, Yeatts SD, Carrozzella J, Foster LD, Qazi E, Hill MD, Jovin TG, Ribo M, Yan B, Zaidat OO, Frei D, von Kummer R, Cockroft KM, Khatri P, Liebeskind DS, Tomsick TA, Palesch YY, Broderick JP; IMS III Investigators. Recanalization and clinical outcome of occlusion sites at baseline CT angiography in the Interventional Management of Stroke III trial. *Radiology.* 2014 Oct;273(1):202-10. doi: 10.1148/radiol.14132649. Epub 2014 Jun 5. PubMed PMID: 24895878; PubMed Central PMCID: PMC4174723.
- 208: Wiedemuth R, Klink B, Töpfer K, Schröck E, Schackert G, Tatsuka M, Temme A. Survivin safeguards chromosome numbers and protects from aneuploidy independently from p53. *Mol Cancer.* 2014 May 9;13:107. doi: 10.1186/1476-4598-13-107. PubMed PMID: 24886358; PubMed Central PMCID: PMC4041913.
- 209: Cote LP, Greenberg S, Caprini JA, Stone J, Arcelus JI, López-Jiménez L, Rosa V, Schellong S, Monreal M; RIETE Investigators. Outcomes in neurosurgical patients who develop venous thromboembolism: a review of the RIETE registry. *Clin Appl Thromb Hemost.* 2014 Nov;20(8):772-8. doi: 10.1177/1076029614532008. Epub 2014 May 5. Review. PubMed PMID: 24798686.
- 210: Breckwoldt MO, Pfister FM, Bradley PM, Marinković P, Williams PR, Brill MS, Plomer B, Schmalz A, St Clair DK, Naumann R, Griesbeck O, Schwarzländer M, Godinho L, Bareyre FM, Dick TP, Kerschensteiner M, Misgeld T. Multiparametric optical analysis of mitochondrial redox signals during neuronal physiology and pathology in vivo. *Nat Med.* 2014 May;20(5):555-60. doi: 10.1038/nm.3520. Epub 2014 Apr 20. PubMed PMID: 24747747.
- 211: Juratli TA, Zang B, Litz RJ, Sitoci KH, Aschenbrenner U, Gottschlich B, Daubner D, Schackert G, Sobottka SB. Early hemorrhagic progression of traumatic brain contusions: frequency, correlation with

coagulation disorders, and patient outcome: a prospective study. *J Neurotrauma*. 2014 Sep 1;31(17):1521-7. doi: 10.1089/neu.2013.3241. Epub 2014 Jul 8. PubMed PMID: 24738836.

212: Koristka S, Cartellieri M, Arndt C, Feldmann A, Töpfer K, Michalk I, Temme A, Ehninger G, Bachmann M. Cytotoxic response of human regulatory T cells upon T-cell receptor-mediated activation: a matter of purity. *Blood Cancer J*. 2014 Apr 11;4:e199. doi: 10.1038/bcj.2014.20. PubMed PMID: 24727995; PubMed Central PMCID: PMC4003414.

213: Cartellieri M, Koristka S, Arndt C, Feldmann A, Stamova S, von Bonin M, Töpfer K, Krüger T, Geib M, Michalk I, Temme A, Bornhäuser M, Lindemann D, Ehninger G, Bachmann MP. A novel ex vivo isolation and expansion procedure for chimeric antigen receptor engrafted human T cells. *PLoS One*. 2014 Apr 3;9(4):e93745. doi: 10.1371/journal.pone.0093745. eCollection 2014. PubMed PMID: 24699869; PubMed Central PMCID: PMC3974878.

214: Spiegler S, Najm J, Liu J, Gkalympoudis S, Schröder W, Borck G, Brockmann K, Elbracht M, Fauth C, Ferbert A, Freudenberg L, Grasshoff U, Hellenbroich Y, Henn W, Hoffjan S, Hüning I, Korenke GC, Kroisel PM, Kunstmann E, Mair M, Munk-Schulenburg S, Nikoubashman O, Pauli S, Rudnik-Schöneborn S, Sudholt I, Sure U, Tinschert S, Wiednig M, Zoll B, Ginsberg MH, Felbor U. High mutation detection rates in cerebral cavernous malformation upon stringent inclusion criteria: one-third of probands are minors. *Mol Genet Genomic Med*. 2014 Mar;2(2):176-85. doi: 10.1002/mgg3.60. Epub 2014 Jan 14. PubMed PMID: 24689081; PubMed Central PMCID: PMC3960060.

215: Jüttler E, Unterberg A, Woitzik J, Bösel J, Amiri H, Sakowitz OW, Gondan M, Schiller P, Limprecht R, Luntz S, Schneider H, Pinzer T, Hobohm C, Meixensberger J, Hacke W; DESTINY II Investigators. Hemispherectomy in older patients with extensive middle-cerebral-artery stroke. *N Engl J Med*. 2014 Mar 20;370(12):1091-100. doi: 10.1056/NEJMoa1311367. PubMed PMID: 24645942.

216: Mühleisen TW, Leber M, Schulze TG, Strohmaier J, Degenhardt F, Treutlein J, Mattheisen M, Forstner AJ, Schumacher J, Breuer R, Meier S, Herms S, Hoffmann P, Lacour A, Witt SH, Reif A, Müller-Myhsok B, Lucae S, Maier W, Schwarz M, Vedder H, Kammerer-Ciernioch J, Pfennig A, Bauer M, Hautzinger M, Moebus S, Priebe L, Czerski PM, Hauser J, Lissowska J, Szeszenia-Dabrowska N, Brennan P, McKay JD, Wright A, Mitchell PB, Fullerton JM, Schofield PR, Montgomery GW, Medland SE, Gordon SD, Martin NG, Krasnow V, Chuchalin A, Babadjanova G, Pantelejeva G, Abramova LI, Tiganov AS, Polonikov A, Khusnutdinova E, Alda M, Grof P, Rouleau GA, Turecki G, Laprise C, Rivas F, Mayoral F, Kogevinas M, Grigoriu-Serbanescu M, Propping P, Becker T, Rietschel M, Nöthen MM, Cichon S. Genome-wide association study reveals two new risk loci for bipolar disorder. *Nat Commun*. 2014 Mar 11;5:3339. doi: 10.1038/ncomms4339. PubMed PMID: 24618891.

217: Klingelhofer L, Samuel M, Chaudhuri KR, Ashkan K. An update of the impact of deep brain stimulation on non motor symptoms in Parkinson's disease. *J Parkinsons Dis*. 2014;4(2):289-300. doi: 10.3233/JPD-130273. Review. PubMed PMID: 24613865.

218: Uckermann O, Galli R, Anger M, Herold-Mende C, Koch E, Schackert G, Steiner G, Kirsch M. Label-free identification of the glioma stem-like cell fraction using Fourier-transform infrared spectroscopy. *Int J Radiat Biol*. 2014 Aug;90(8):710-7. doi: 10.3109/09553002.2014.899447. Epub 2014 Mar 25. PubMed PMID: 24597751.

219: Ewe A, Schaper A, Barnert S, Schubert R, Temme A, Bakowsky U, Aigner A. Storage stability of optimal liposome-polyethylenimine complexes (lipopolyplexes) for DNA or siRNA delivery. *Acta Biomater*. 2014 Jun;10(6):2663-73. doi: 10.1016/j.actbio.2014.02.037. Epub 2014 Mar 1. PubMed PMID: 24590163.

- 220: Lojewski X, Hermann A, Wegner F, Araújo-Bravo MJ, Hallmeyer-Elgner S, Kirsch M, Schwarz J, Schöler HR, Storch A. Human adult white matter progenitor cells are multipotent neuroprogenitors similar to adult hippocampal progenitors. *Stem Cells Transl Med*. 2014 Apr;3(4):458-69. doi: 10.5966/sctm.2013-0117. Epub 2014 Feb 20. PubMed PMID: 24558163; PubMed Central PMCID: PMC3973711.
- 221: Martin KD, Franz B, Kirsch M, Polanski W, von der Hagen M, Schackert G, Sobottka SB. Autologous bone flap cranioplasty following decompressive craniectomy is combined with a high complication rate in pediatric traumatic brain injury patients. *Acta Neurochir (Wien)*. 2014 Apr;156(4):813-24. doi: 10.1007/s00701-014-2021-0. Epub 2014 Feb 16. PubMed PMID: 24532225.
- 222: Trumm CG, Häussler SM, Muacevic A, Stahl R, Stintzing S, Paprottka PM, Strobl F, Jakobs TF, Reiser MF, Hoffmann RT. CT fluoroscopy-guided percutaneous fiducial marker placement for CyberKnife stereotactic radiosurgery: technical results and complications in 222 consecutive procedures. *J Vasc Interv Radiol*. 2014 May;25(5):760-8. doi: 10.1016/j.jvir.2014.01.004. Epub 2014 Feb 12. PubMed PMID: 24529549.
- 223: Galli R, Uckermann O, Koch E, Schackert G, Kirsch M, Steiner G. Effects of tissue fixation on coherent anti-Stokes Raman scattering images of brain. *J Biomed Opt*. 2014 Jul;19(7):071402. doi: 10.1117/1.JBO.19.7.071402. PubMed PMID: 24365991.
- 224: Mohr JP, Parides MK, Stapf C, Moquete E, Moy CS, Overbey JR, Al-Shahi Salman R, Vicaut E, Young WL, Houdart E, Cordonnier C, Stefani MA, Hartmann A, von Kummer R, Biondi A, Berkefeld J, Klijn CJ, Harkness K, Libman R, Barreau X, Moskowitz AJ; international ARUBA investigators. Medical management with or without interventional therapy for unruptured brain arteriovenous malformations (ARUBA): a multicentre, non-blinded, randomised trial. *Lancet*. 2014 Feb 15;383(9917):614-21. doi: 10.1016/S0140-6736(13)62302-8. Epub 2013 Nov 20. PubMed PMID: 24268105; PubMed Central PMCID: PMC4119885.
- 225: Juratli TA, Engelland K, Lautenschlaeger T, Geiger KD, von Kummer R, Cerhova J, Chakravarti A, Krex D, Schackert G. Is there pseudoprogression in secondary glioblastomas? *Int J Radiat Oncol Biol Phys*. 2013 Dec 1;87(5):1094-9. doi: 10.1016/j.ijrobp.2013.09.036. PubMed PMID: 24267971; PubMed Central PMCID: PMC4349215.
- 226: Leimert M, Juratli TA, Lindner C, Geiger KD, Gerber J, Schackert G, Kirsch M. An extremely rare, remote intracerebral metastases of oral cavity cancer: a case report. *Case Rep Med*. 2013;2013:257046. doi: 10.1155/2013/257046. Epub 2013 Oct 7. PubMed PMID: 24222770; PubMed Central PMCID: PMC3814042.
- 227: Wick W, Meisner C, Hentschel B, Platten M, Schilling A, Wiestler B, Sabel MC, Koeppen S, Ketter R, Weiler M, Tabatabai G, von Deimling A, Gramatzki D, Westphal M, Schackert G, Loeffler M, Simon M, Reifenberger G, Weller M. Prognostic or predictive value of MGMT promoter methylation in gliomas depends on IDH1 mutation. *Neurology*. 2013 Oct 22;81(17):1515-22. doi: 10.1212/WNL.0b013e3182a95680. Epub 2013 Sep 25. PubMed PMID: 24068788.
- 228: Reiss-Zimmermann M, Scheel M, Dengl M, Preuß M, Fritzsche D, Hoffmann KT. The influence of lumbar spinal drainage on diffusion parameters in patients with suspected normal pressure hydrocephalus using 3T MRI. *Acta Radiol*. 2014 Jun;55(5):622-30. doi: 10.1177/0284185113502334. Epub 2013 Aug 31. PubMed PMID: 23996504.
- 229: Hartmann C, Hentschel B, Simon M, Westphal M, Schackert G, Tonn JC, Loeffler M, Reifenberger G, Pietsch T, von Deimling A, Weller M; German Glioma Network. Long-term survival in primary

glioblastoma with versus without isocitrate dehydrogenase mutations. Clin Cancer Res. 2013 Sep 15;19(18):5146-57. doi: 10.1158/1078-0432.CCR-13-0017. Epub 2013 Aug 5. PubMed PMID: 23918605.

230: Schackert G, Schmiedel K, Lindner C, Leimert M, Kirsch M. Surgery of recurrent brain metastases: retrospective analysis of 67 patients. Acta Neurochir (Wien). 2013 Oct;155(10):1823-32. doi: 10.1007/s00701-013-1821-y. Epub 2013 Aug 3. PubMed PMID: 23913109.

231: Juratli TA, Geiger K, Leimert M, Schackert G, Kirsch M. Atypical Central Neurocytoma with Recurrent Spinal Dissemination over a Period of 20 Years: A Case Report and Review of the Literature. Case Rep Neurol Med. 2013;2013:925647. doi: 10.1155/2013/925647. Epub 2013 Jun 9. PubMed PMID: 23840986; PubMed Central PMCID: PMC3690632.

232: Meyer T, Kuß J, Uhlemann F, Wagner S, Kirsch M, Sobottka SB, Steinmeier R, Schackert G, Morgenstern U. Autostereoscopic 3D visualization and image processing system for neurosurgery. Biomed Tech (Berl). 2013 Jun;58(3):281-91. doi: 10.1515/bmt-2012-0079. PubMed PMID: 23740656.

233: Weichelt C, Duscha P, Steinmeier R, Meyer T, Kuß J, Cimalla P, Kirsch M, Sobottka SB, Koch E, Schackert G, Morgenstern U. Quantitative fluorescence angiography for neurosurgical interventions. Biomed Tech (Berl). 2013 Jun;58(3):269-79. doi: 10.1515/bmt-2012-0078. PubMed PMID: 23740655.

234: Sobottka SB, Meyer T, Kirsch M, Koch E, Steinmeier R, Morgenstern U, Schackert G. Evaluation of the clinical practicability of intraoperative optical imaging comparing three different camera setups. Biomed Tech (Berl). 2013 Jun;58(3):237-48. doi: 10.1515/bmt-2012-0073. PubMed PMID: 23740654.

235: Oelschlägel M, Meyer T, Wahl H, Sobottka SB, Kirsch M, Schackert G, Morgenstern U. Evaluation of intraoperative optical imaging analysis methods by phantom and patient measurements. Biomed Tech (Berl). 2013 Jun;58(3):257-67. doi: 10.1515/bmt-2012-0077. PubMed PMID: 23729532.

236: Meyer T, Sobottka SB, Kirsch M, Schackert G, Steinmeier R, Koch E, Morgenstern U. Intraoperative optical imaging of functional brain areas for improved image-guided surgery. Biomed Tech (Berl). 2013 Jun;58(3):225-36. doi: 10.1515/bmt-2012-0072. PubMed PMID: 23729529.

237: Juratli TA, Schackert G, Krex D. Current status of local therapy in malignant gliomas—a clinical review of three selected approaches. Pharmacol Ther. 2013 Sep;139(3):341-58. doi: 10.1016/j.pharmthera.2013.05.003. Epub 2013 May 18. Review. PubMed PMID: 23694764.

238: Polanski W, Koy J, Juratli T, Wolz M, Klingelhöfer L, Fauser M, Storch A, Schackert G, Sobottka SB. Anticoagulation management of myocardial infarction after deep brain stimulation: a comparison of two cases. Acta Neurochir (Wien). 2013 Sep;155(9):1661-5; discussion 1664-5. doi: 10.1007/s00701-013-1679-z. Epub 2013 Apr 7. PubMed PMID: 23563744.

239: Rössel T, Kersting S, Heller AR, Koch T. Combination of high-resolution ultrasound-guided perivascular regional anesthesia of the internal carotid artery and intermediate cervical plexus block for carotid surgery. Ultrasound Med Biol. 2013 Jun;39(6):981-6. doi: 10.1016/j.ultrasmedbio.2013.01.002. Epub 2013 Mar 15. PubMed PMID: 23499343.

240: Sobottka SB, Meyer T, Kirsch M, Reiss G, Koch E, Morgenstern U, Schackert G. Assessment of visual function during brain surgery near the visual cortex by intraoperative optical imaging. Biomed Tech (Berl). 2013 Jun;58(3):249-56. doi: 10.1515/bmt-2012-0074. PubMed PMID: 23420282.

241: Juratli TA, Peitzsch M, Geiger K, Schackert G, Eisenhofer G, Krex D. Accumulation of 2-hydroxyglutarate is not a biomarker for malignant progression in IDH-mutated low-grade gliomas.

Neuro Oncol. 2013 Jun;15(6):682-90. doi: 10.1093/neuonc/not006. Epub 2013 Feb 14. PubMed PMID: 23410661; PubMed Central PMCID: PMC3661092.

242: Schackert G, Lindner C, Petschke S, Leimert M, Kirsch M. Retrospective study of 127 surgically treated patients with multiple brain metastases: indication, prognostic factors, and outcome. *Acta Neurochir (Wien)*. 2013 Mar;155(3):379-87. doi: 10.1007/s00701-012-1606-8. Epub 2013 Jan 13. PubMed PMID: 23314988.

243: Härtig W, Michalski D, Seeger G, Voigt C, Donat CK, Dulin J, Kacza J, Meixensberger J, Arendt T, Schuhmann MU. Impact of 5-lipoxygenase inhibitors on the spatiotemporal distribution of inflammatory cells and neuronal COX-2 expression following experimental traumatic brain injury in rats. *Brain Res*. 2013 Mar 1;1498:69-84. doi: 10.1016/j.brainres.2012.12.022. Epub 2012 Dec 23. PubMed PMID: 23268351.

244: Pan-Montojo F, Schwarz M, Winkler C, Arnhold M, O'Sullivan GA, Pal A, Said J, Marsico G, Verbavatz JM, Rodrigo-Angulo M, Gille G, Funk RH, Reichmann H. Environmental toxins trigger PD-like progression via increased alpha-synuclein release from enteric neurons in mice. *Sci Rep*. 2012;2:898. doi: 10.1038/srep00898. Epub 2012 Nov 30. PubMed PMID: 23205266; PubMed Central PMCID: PMC3510466.

245: Leimert M, Bostelmann R, Juratli TA, Mikulin HD, Herrmann B, Schackert G, Reitemeier B. A newly developed drill with a polished tip for the anterior cervical approach in spinal canal stenosis: a technical note. *Eur Spine J*. 2013 Apr;22(4):809-12. doi: 10.1007/s00586-012-2572-9. Epub 2012 Nov 22. PubMed PMID: 23179976; PubMed Central PMCID: PMC3631044.

246: Artegiani B, Lange C, Calegari F. Expansion of embryonic and adult neural stem cells by in utero electroporation or viral stereotaxic injection. *J Vis Exp*. 2012 Oct 6;(68). pii: 4093. doi: 10.3791/4093. PubMed PMID: 23070124; PubMed Central PMCID: PMC3490322.

247: Juratli TA, Kirsch M, Geiger K, Klink B, Leipnitz E, Pinzer T, Soucek S, Schrock E, Schackert G, Krex D. The prognostic value of IDH mutations and MGMT promoter status in secondary high-grade gliomas. *J Neurooncol*. 2012 Dec;110(3):325-33. doi: 10.1007/s11060-012-0977-2. Epub 2012 Sep 27. Erratum in: *J Neurooncol*. 2013 Jan;111(1):95. Schrock, E [corrected to Schrock, E]. PubMed PMID: 23015095.

248: Gedrange T, Gredes T, Spassov A, Mai R, Kuhn DU, Dominiak M, Kunert-Keil C. Histological changes and changes in the myosin mRNA content of the porcine masticatory muscles after masseter treatment with botulinum toxin A. *Clin Oral Investig*. 2013 Apr;17(3):887-96. doi: 10.1007/s00784-012-0750-0. Epub 2012 Jun 15. PubMed PMID: 22699659.

249: Podlesek D, Leimert M, Schuster B, Gerber J, Schackert G, Kirsch M, Hummel T. Olfactory bulb volume in patients with idiopathic normal pressure hydrocephalus. *Neuroradiology*. 2012 Nov;54(11):1229-33. doi: 10.1007/s00234-012-1050-8. Epub 2012 Jun 9. PubMed PMID: 22684151.

250: Töpfer K, Kempe S, Müller N, Schmitz M, Bachmann M, Cartellieri M, Schackert G, Temme A. Tumor evasion from T cell surveillance. *J Biomed Biotechnol*. 2011;2011:918471. doi: 10.1155/2011/918471. Epub 2011 Nov 15. Review. PubMed PMID: 22190859; PubMed Central PMCID: PMC3228689.

251: Oppel F, Müller N, Schackert G, Hendruschk S, Martin D, Geiger KD, Temme A. SOX2-RNAi attenuates S-phase entry and induces RhoA-dependent switch to protease-independent amoeboid migration in human glioma cells. *Mol Cancer*. 2011 Nov 9;10:137. doi: 10.1186/1476-4598-10-137. PubMed PMID: 22070920; PubMed Central PMCID: PMC3228695.

- 252: Hendruschk S, Wiedemuth R, Aigner A, Töpfer K, Cartellieri M, Martin D, Kirsch M, Ikonomidou C, Schackert G, Temme A. RNA interference targeting survivin exerts antitumoral effects in vitro and in established glioma xenografts in vivo. *Neuro Oncol.* 2011 Oct;13(10):1074-89. doi: 10.1093/neuonc/nor098. Epub 2011 Jul 25. PubMed PMID: 21788344; PubMed Central PMCID: PMC3177660.
- 253: Steiner G, Sobottka SB, Koch E, Schackert G, Kirsch M. Intraoperative imaging of cortical cerebral perfusion by time-resolved thermography and multivariate data analysis. *J Biomed Opt.* 2011 Jan-Feb;16(1):016001. doi: 10.1117/1.3528011. PubMed PMID: 21280907.
- 254: Wollina U, Bayyoud Y. Reconstruction of a large scalp defect by the sequential use of dermal substitute, self-filling osmotic tissue expander and rotational flap. *J Cutan Aesthet Surg.* 2010 May;3(2):106-10. doi: 10.4103/0974-2077.69023. PubMed PMID: 21031071; PubMed Central PMCID: PMC2956951.
- 255: Podlessek D, Geiger K, Hendry DJ, Schackert G, Krex D. Rosette-forming glioneuronal tumor of the fourth ventricle in an elderly patient. *J Neurooncol.* 2011 Jul;103(3):727-31. doi: 10.1007/s11060-010-0408-1. Epub 2010 Sep 25. PubMed PMID: 20865299.
- 256: Kirsch M, Schackert G, Salzer R, Krafft C. Raman spectroscopic imaging for in vivo detection of cerebral brain metastases. *Anal Bioanal Chem.* 2010 Oct;398(4):1707-13. doi: 10.1007/s00216-010-4116-7. Epub 2010 Aug 24. PubMed PMID: 20734031.
- 257: Afshar-Oromieh A, Linhart H, Podlessek D, Schrempf W, Schackert G, Krex D. Postoperative cerebellar mutism in adult patients with Lhermitte-Duclos disease. *Neurosurg Rev.* 2010 Oct;33(4):401-8. doi: 10.1007/s10143-010-0278-1. Epub 2010 Jul 29. Review. PubMed PMID: 20668902.
- 258: Temme A, Geiger KD, Wiedemuth R, Conseur K, Pietsch T, Felsberg J, Reifenberger G, Tatsuka M, Hagel C, Westphal M, Berger H, Simon M, Weller M, Schackert G. Giant cell glioblastoma is associated with altered aurora b expression and concomitant p53 mutation. *J Neuropathol Exp Neurol.* 2010 Jun;69(6):632-42. doi: 10.1097/NEN.0b013e3181e4c06e. PubMed PMID: 20467329.
- 259: Voigtmann K, Köllner V, Einsle F, Alheit H, Joraschky P, Herrmann T. Emotional state of patients in radiotherapy and how they deal with their disorder. *Strahlenther Onkol.* 2010 Apr;186(4):229-35. doi: 10.1007/s00066-010-2109-2. Epub 2010 Mar 26. PubMed PMID: 20354661.
- 260: Wollina U. Bilateral milia en plaque of the eyelids: long eyelashes and unibrow-case report and review of literature. *Dermatol Surg.* 2010 Mar;36(3):406-8. doi: 10.1111/j.1524-4725.2009.01454.x. Epub 2010 Jan 19. Review. PubMed PMID: 20100256.
- 261: Heller AR, Fuchs A, Rössel T, Vicent O, Wiessner D, Funk RH, Koch T, Litz RJ. Precision of traditional approaches for lumbar plexus block: impact and management of interindividual anatomic variability. *Anesthesiology.* 2009 Sep;111(3):525-32. doi: 10.1097/ALN.0b013e3181af64b6. PubMed PMID: 19672183.
- 262: Rein S, Fabian T, Krishnan K, Benesch S, Schackert G, Zwipp H, Lindner C, Weindel S. Evaluation of the proprioceptive influence of the cutaneous afferents to the ankle in patients after sural nerve harvesting. *Neurosurgery.* 2009 Mar;64(3):519-25; discussion 526. doi: 10.1227/01.NEU.0000338954.93385.E4. PubMed PMID: 19240614.
- 263: Kirsch M, Mörz M, Pinzer T, Schackert HK, Schackert G. Frequent loss of the CDKN2C (p18INK4c) gene product in pituitary neuroendocrine tumors. *Genes Chromosomes Cancer.* 2009

Feb;48(2):143-54. doi: 10.1002/gcc.20621. PubMed PMID: 18973139.

264: Sobottka SB, Geiger KD, Salzer R, Schackert G, Krafft C. Suitability of infrared spectroscopic imaging as an intraoperative tool in cerebral glioma surgery. *Anal Bioanal Chem*. 2009 Jan;393(1):187-95. doi: 10.1007/s00216-008-2443-8. Epub 2008 Oct 16. PubMed PMID: 18923821.

265: Krishnan KG, Tsirekidze P, Pinzer T, Schackert G. A novel minimally occlusive microvascular anastomosis technique using a temporary intraluminal shunt: a prospective technique to minimize brain ischemia time during superficial temporal artery-to-middle cerebral artery bypass. *Neurosurgery*. 2008 Jun;62(6 Suppl 3):1450-5. doi: 10.1227/01.neu.0000333809.72154.63. PubMed PMID: 18695564.

266: Krishnan KG, Mucha D, Gupta R, Schackert G. Brachial plexus compression caused by recurrent clavicular nonunion and space-occupying pseudoarthrosis: definitive reconstruction using free vascularized bone flap-a series of eight cases. *Neurosurgery*. 2008 May;62(5 Suppl 2):ONS461-9; discussion 469-70. doi: 10.1227/01.neu.0000326036.54714.17. PubMed PMID: 18596530.

267: Krishnan KG, Martin KD, Schackert G. Traumatic lesions of the brachial plexus: an analysis of outcomes in primary brachial plexus reconstruction and secondary functional arm reanimation. *Neurosurgery*. 2008 Apr;62(4):873-85; discussion 885-6. doi: 10.1227/01.neu.0000318173.28461.32. PubMed PMID: 18496193.

268: Litz RJ, Roessel T, Heller AR, Stehr SN. Reversal of central nervous system and cardiac toxicity after local anesthetic intoxication by lipid emulsion injection. *Anesth Analg*. 2008 May;106(5):1575-7, table of contents. doi: 10.1213/ane.0b013e3181683dd7. PubMed PMID: 18420880.

269: Pinzer T, Gollogly J, Krishnan KG, Schackert G, Lauer G. Telecanthus and hypertelorism in frontoethmoidal meningoencephaloceles and the surgical correction of these conditions: Part II. A novel surgical approach in the treatment of telecanthus. *J Craniofac Surg*. 2008 Jan;19(1):148-55. doi: 10.1097/scs.0b013e3180f610f9. PubMed PMID: 18216680.

270: Martinez R, Schackert G. Epigenetic aberrations in malignant gliomas: an open door leading to better understanding and treatment. *Epigenetics*. 2007 Jul-Sep;2(3):147-50. Epub 2007 Sep 15. Review. PubMed PMID: 18063907.

271: Meissner H, Pilling E, Richter G, Koch R, Eckelt U, Reitemeier B. Experimental investigations for mechanical joint strength following ultrasonically welded pin osteosynthesis. *J Mater Sci Mater Med*. 2008 Jun;19(6):2255-9. Epub 2007 Dec 1. PubMed PMID: 18060480.

272: Kirsch M, Allende R, Black P, Schackert G. Endogenous growth inhibition of angiogenesis in brain tumors. *Cancer metastases Rev*. 2007 Dec;26(3-4):469-79. PubMed PMID: 17960325.

273: Krex D, Klink B, Hartmann C, von Deimling A, Pietsch T, Simon M, Sabel M, Steinbach JP, Heese O, Reifenberger G, Weller M, Schackert G; German Glioma Network. Long-term survival with glioblastoma multiforme. *Brain*. 2007 Oct;130(Pt 10):2596-606. Epub 2007 Sep 4. Review. PubMed PMID: 17785346.

274: Roessel T, Wiessner D, Heller AR, Zimmermann T, Koch T, Litz RJ. High-resolution ultrasound-guided high interscalene plexus block for carotid endarterectomy. *Reg Anesth Pain Med*. 2007 May-Jun;32(3):247-53. PubMed PMID: 17543822.

275: Martinez R, Roggendorf W, Baretton G, Klein R, Toedt G, Lichter P, Schackert G, Joos S. Cytogenetic and molecular genetic analyses of giant cell glioblastoma multiforme reveal distinct

profiles in giant cell and non-giant cell subpopulations. *Cancer Genet Cytogenet.* 2007 May;175(1):26-34. PubMed PMID: 17498554.

276: Disqué C, Gahn G. Ipsilateral parenchymal hemorrhage after hemicraniectomy in a patient suffering from malignant middle cerebral artery infarction. *Neurologist.* 2007 Mar;13(2):95-7. PubMed PMID: 17351531.

277: Geyer P, Blank H, Evers C, Leichtner T, Alheit H. Filmless evaluation of the mechanical accuracy of the isocenter in stereotactic radiotherapy. *Strahlenther Onkol.* 2007 Feb;183(2):76-80. PubMed PMID: 17294111.

278: Pilling E, Meissner H, Jung R, Koch R, Loukota R, Mai R, Reitemeier B, Richter G, Stadlinger B, Stelnicki E, Eckelt U. An experimental study of the biomechanical stability of ultrasound-activated pinned (SonicWeld Rx+Resorb-X) and screwed fixed (Resorb-X) resorbable materials for osteosynthesis in the treatment of simulated craniosynostosis in sheep. *Br J Oral Maxillofac Surg.* 2007 Sep;45(6):451-6. Epub 2007 Feb 1. PubMed PMID: 17275145.

279: Martinez R, Setien F, Voelter C, Casado S, Quesada MP, Schackert G, Esteller M. CpG island promoter hypermethylation of the pro-apoptotic gene caspase-8 is a common hallmark of relapsed glioblastoma multiforme. *Carcinogenesis.* 2007 Jun;28(6):1264-8. Epub 2007 Feb 1. PubMed PMID: 17272309.

280: Sergeeva O, Uhlemann F, Schackert G, Hergeth C, Morgenstern U, Steinmeier R. Integration of intraoperative 3D-ultrasound in a commercial navigation system. *Zentralbl Neurochir.* 2006 Nov;67(4):197-203. Epub 2006 Nov 14. PubMed PMID: 17106832.

281: Martinez R, Schackert G, Esteller M. Hypermethylation of the proapoptotic gene TMS1/ASC: prognostic importance in glioblastoma multiforme. *J Neurooncol.* 2007 Apr;82(2):133-9. Epub 2006 Oct 18. PubMed PMID: 17048097.

282: Krishnan KG, Schackert G. Outcomes of surgical resection of large solitary hemangioblastomas of the craniocervical junction with limitations in preoperative angiographic intervention: report of three cases. *Zentralbl Neurochir.* 2006 Aug;67(3):137-43. PubMed PMID: 16958011.

283: Krishnan KG, Pinzer T, Schackert G. A novel endoscopic technique in treating single nerve entrapment syndromes with special attention to ulnar nerve transposition and tarsal tunnel release: clinical application. *Neurosurgery.* 2006 Jul;59(1 Suppl 1):ONS89-100; discussion ONS89-100. PubMed PMID: 16888558.

284: Litz RJ, Popp M, Stehr SN, Koch T. Successful resuscitation of a patient with ropivacaine-induced asystole after axillary plexus block using lipid infusion. *Anaesthesia.* 2006 Aug;61(8):800-1. PubMed PMID: 16867094.

285: Pinzer T, Lauer G, Gollogly J, Schackert G. A complex therapy for treatment of frontoethmoidal meningoencephalocele in a developing third world country: neurosurgical aspects. *J Neurosurg.* 2006 May;104(5 Suppl):326-31. PubMed PMID: 16848090.

286: Krex D, Fortun S, Kuhlisch E, Schackert HK, Schackert G. The role of endothelial nitric oxide synthase (eNOS) genetic variants in European patients with intracranial aneurysms. *J Cereb Blood Flow Metab.* 2006 Oct;26(10):1250-5. Epub 2006 Feb 8. PubMed PMID: 16467782.

287: Krishnan KG, Tsirekidze P, Pinzer T, Schackert G. A novel minimally occlusive microvascular anastomosis technique using a temporary intraluminal shunt: a prospective technique to minimize

brain ischemia time during superficial temporal artery-to-middle cerebral artery bypass. Neurosurgery. 2005 Jul;57(1 Suppl):191-8; discussion 191-8. PubMed PMID: 15987588.

288: Martinez R, Schackert HK, Kirsch M, Paulus W, Joos S, Schackert G. Comparative genetic analysis of metachronous anaplastic oligoastrocytomas with extended recurrence-free interval. J Neurooncol. 2005 Apr;72(2):95-102. PubMed PMID: 15925987.

289: Krishnan KG, Pinzer T, Schackert G. Coverage of painful peripheral nerve neuromas with vascularized soft tissue: method and results. Neurosurgery. 2005 Apr;56(2 Suppl):369-78; discussion 369-78. PubMed PMID: 15794833.

290: Kirsch M, Weigel P, Pinzer T, Carroll RS, Black PM, Schackert HK, Schackert G. Therapy of hematogenous melanoma brain metastases with endostatin. Clin Cancer Res. 2005 Feb 1;11(3):1259-67. PubMed PMID: 15709197.

291: Schackert G, Reulen HJ. Neurosurgical subspecialization: pros and cons. Acta Neurochir Suppl. 2004;90:115-9. PubMed PMID: 15553125.

292: Pinzer T, Krishnan KG, Schackert G. The diaphragma sellae meningioma – a rare differential diagnosis of Non-Functioning Pituitary Neuroendocrine Tumor. Zentralbl Neurochir. 2004 Nov;65(4):195-7. PubMed PMID: 15551185.

293: Martinez R, Schackert HK, Plaschke J, Baretton G, Appelt H, Schackert G. Molecular mechanisms associated with chromosomal and microsatellite instability in sporadic glioblastoma multiforme. Oncology. 2004;66(5):395-403. PubMed PMID: 15331927.

294: Krex D, König IR, Ziegler A, Schackert HK, Schackert G. Extended single nucleotide polymorphism and haplotype analysis of the elastin gene in Caucasians with intracranial aneurysms provides evidence for racially/ethnically based differences. Cerebrovasc Dis. 2004;18(2):104-10. Epub 2004 Jun 22. PubMed PMID: 15218274.

295: Krex D, Kotteck K, König IR, Ziegler A, Schackert HK, Schackert G. Matrix metalloproteinase-9 coding sequence single-nucleotide polymorphisms in caucasians with intracranial aneurysms. Neurosurgery. 2004 Jul;55(1):207-12; discussion 212-3. PubMed PMID: 15214991.

296: Wendt TG, Gademann G, Pambor C, Gießbach I, von Specht H, Martin T, Baltas D, Kurek R, Röddiger S, Tunn UW, Zamboglou N, Eich HT, Staar S, Gossmann A, Hansemann K, Semrau R, Skripnitchenko R, Diehl V, Müller RP, Sehlen S, Willich N, Rühl U, Lukas P, Dühmke E, Engel K, Tabbert E, Bolck M, Knaack S, Annweiler H, Krempien R, Hoppe H, Harms W, Daeuber S, Schorr O, Treiber M, Debus J, Alber M, Paulsen F, Birkner M, Bakai A, Belka C, Budach W, Grosser KH, Kramer R, Kober B, Reinert M, Schneider P, Hertel A, Feldmann H, Csere P, Hoinkis C, Rothe G, Zahn P, Alheit H, Cavanaugh SX, Kupelian P, Reddy C, Pollock B, Fuss M, Roeddiger S, Dannenberg T, Rogge B, Drechsler D, Herrmann T, Alberti W, Schwarz R, Graefen M, Krüll A, Rudat V, Huland H, Fehr C, Baum C, Glocker S, Nüsslin F, Heil T, Lemnitzer H, Knips M, Baumgart O, Thiem W, Kloetzer KH, Hoffmann L, Neu B, Hültenschmidt B, Sautter-Bihl ML, Micke O, Seegenschmiedt MH, Köppen D, Klautke G, Fietkau R, Schultze J, Schlichting G, Koltze H, Kimmig B, Glatzel M, Fröhlich D, Bäsecke S, Krauß A, Strauß D, Buth KJ, Böhme R, Oehler W, Bottke D, Keilholz U, Heufelder K, Wiegel T, Hinkelbein W, Rödel C, Papadopoulos T, Munnes M, Wirtz R, Sauer R, Rödel F, Lubgan D, Distel L, Grabenbauer GG, Sak A, Stüben G, Pöttgen C, Grehl S, Stuschke M, Müller K, Pfaffendorf C, Mayerhofer A, Köhn FM, Ring J, van Beuningen D, Meineke V, Neubauer S, Keller U, Wittlinger M, Riesenbeck D, Greve B, Exeler R, Ibrahim M, Liebscher C, Severin E, Ott O, Pötter R, Hammer J, Hildebrandt G, Beckmann MW, Strnad V, Fehlaue F, Tribius S, Bajrovic A, Höller U, Rades D, Warszawski A, Baumann R, Madry-Gevecke B,

Karstens JH, Grehn C, Hensley F, Berns C, Wannenmacher M, Semrau S, Reimer T, Gerber B, Ketterer P, Koepcke E, Hänsgen G, Strauß HG, Dunst J, Füller J, Kalb S, Wendt T, Weitmann HD, Waldhäusl C, Knocke TH, Lamprecht U, Classen J, Kaulich TW, Aydeniz B, Bamberg M, Wiezorek T, Banz N, Salz H, Scheithauer M, Schwedas M, Lutterbach J, Bartelt S, Frommhold H, Lambert J, Hornung D, Swiderski S, Walke M, Siefert A, Pöllinger B, Krimmel K, Schaffer M, Koelbl O, Bratengeier K, Vordermark D, Flentje M, Hero B, Berthold F, Combs SE, Gutwein S, Schulz-Ertner D, van Kampen M, Thilmann C, Kocher M, Kunze S, Schild S, Ikezaki K, Müller B, Sieber R, Weiß C, Wolf I, Wenz F, Weber KJ, Schäfer J, Engling A, Laufs S, Veldwijk MR, Milanovic D, Fleckenstein K, Zeller W, Fruehauf S, Herskind C, Weinmann M, Jendrossek V, Rübe C, Appold S, Kusche S, Hölscher T, Brüchner K, Geyer P, Baumann M, Kumpf R, Zimmermann F, Schill S, Geinitz H, Nieder C, Jeremic B, Molls M, Liesenfeld S, Petrat H, Hesselmann S, Schäfer U, Bruns F, Horst E, Wilkowski R, Assmann G, Nolte A, Diebold J, Löhrs U, Fritz P, Hans-Jürgen K, Mühlnickel W, Bach P, Wahlers B, Kraus HJ, Wulf J, Hädinger U, Baier K, Krieger T, Müller G, Hof H, Herfarth K, Brunner T, Hahn SM, Schreiber FS, Rustgi AK, McKenna WG, Bernhard EJ, Guckenberger M, Meyer K, Willner J, Schmidt M, Kolb M, Li M, Gong P, Abdollahi A, Trinh T, Huber PE, Christiansen H, Saile B, Neubauer-Saile K, Tippelt S, Rave-Fränk M, Hermann RM, Dudas J, Hess CF, Schmidberger H, Ramadori G, Andratschke N, Price R, Ang KK, Schwarz S, Kulka U, Busch M, Schlenger L, Bohsung J, Eichwurz I, Matnjani G, Sandrock D, Richter M, Wurm R, Budach V, Feussner A, Gellermann J, Jordan A, Scholz R, Gneveckow U, Maier-Hauff K, Ullrich R, Wust P, Felix R, Waldöfner N, Seebass M, Ochel HJ, Dani A, Varkonyi A, Osvath M, Szasz A, Messer PM, Blumstein NM, Gottfried HW, Schneider E, Reske SN, Röttinger EM, Grosu AL, Franz M, Stärk S, Weber W, Heintz M, Indenkämpen F, Beyer T, Lübcke W, Levegrün S, Hayen J, Czech N, Mbarek B, Köster R, Thurmann H, Todorovic M, Schuchert A, Meinertz T, Münzel T, Grundtke H, Hornig B, Hehr T, Dilcher C, Chan RC, Mintz GS, Kotani JI, Shah VM, Canos DA, Weissman NJ, Waksman R, Wolfram R, Bürger B, Schrappe M, Timmermann B, Lomax A, Goitein G, Schuck A, Mattke A, Int-Veen C, Brecht I, Bernhard S, Treuner J, Koscielniak E, Heinze F, Kühlen M, von Schorlemer I, Ahrens S, Hunold A, Könemann S, Winkelmann W, Jürgens H, Gerstein J, Polivka B, Sykora KW, Bremer M, Thamm R, Höpfner C, Gumprecht H, Jäger R, Leonardi MA, Frank AM, Trappe AE, Lumenta CB, Östreicher E, Pinsker K, Müller A, Fauser C, Arnold W, Henzel M, Groß MW, Engenhart-Cabillic R, Schüller P, Palkovic S, Schröder J, Wassmann H, Block A, Bauer R, Keffel FW, Theophil B, Wissner L, Rogger M, Niewald M, van Lengen V, Mathias K, Welzel G, Bohrer M, Steinvorth S, Schleußner C, Leppert K, Röhrig B, Strauß B, van Oorschot B, Köhler N, Anselm R, Winzer A, Schneider T, Koch U, Schönekaes K, Mücke R, Büntzel J, Kisters K, Scholz C, Keller M, Winkler C, Prause N, Busch R, Roth S, Haas I, Willers R, Schultze-Mosgau S, Wiltfang J, Kessler P, Neukam FW, Röper B, Nüse N, Auer F, Melzner W, Geiger M, Lotter M, Kuhnt T, Müller AC, Jirsak N, Gernhardt C, Schaller HG, Al-Nawas B, Klein MO, Ludwig C, Körholz J, Grötz KA, Huppers K, Kunkel M, Olschewski T, Bajor K, Lang B, Lang E, Kraus-Tiefenbacher U, Hofheinz R, von Gerstenberg-Helldorf B, Willeke F, Hochhaus A, Roebel M, Oertel S, Riedl S, Buechler M, Foitzik T, Ludwig K, Klar E, Meyer A, Meier Zu Eissen J, Schwab D, Meyer T, Höcht S, Siegmann A, Sieker F, Pigorsch S, Milicic B, Acimovic L, Milisavljevic S, Radosavljevic-Asic G, Presselt N, Baum RP, Treutler D, Bonnet R, Schmücking M, Sammour D, Fink T, Ficker J, Pradier O, Lederer K, Weiss E, Hille A, Welz S, Sepe S, Friedel G, Spengler W, Susanne E, Kölbl O, Hoffmann W, Wörmann B, Günther A, Becker-Schiebe M, Güttler J, Schul C, Nitsche M, Körner MK, Oppenkowski R, Guntrum F, Malaimare L, Raub M, Schöfl C, Averbek T, Hacker I, Blank H, Böhme C, Imhoff D, Eberlein K, Weidauer S, Böttcher HD, Edler L, Tatagiba M, Molina H, Ostertag C, Milker-Zabel S, Zabel A, Schlegel W, Hartmann A, Wildfang I, Kleinert G, Hamm K, Reuschel W, Wehrmann R, Kneschaurek P, Münter MW, Nikoghosyan A, Didinger B, Nill S, Rhein B, Küstner D, Schalldach U, Eßer D, Göbel H, Wördehoff H, Pachmann S, Hollenhorst H, Dederer K, Evers C, Lamprecht J, Dastbaz A, Schick B, Fleckenstein J, Plinkert PK, Rübe C, Merz T, Sommer B, Mencl A, Ghilescu V, Astner S, Martin A, Momm F, Volegova-Neher NJ, Schulte-Mönting J, Guttenberger R, Buchali A, Blank E, Sidow D, Huhnt W, Gorbato T, Heinecke A, Beckmann G, Bentia AM, Schmitz H, Spahn U, Heyl V, Prott PJ, Galalae R, Schneider R, Voith C, Scheda A, Hermann B, Bauer L, Melchert F, Kröger N, Grüneisen A, Jänicke F, Zander A, Zuna I, Schlöcker I, Wagner K, John E, Dörk T, Lochhas G, Houf M, Lorenz D, Link KH, Prott FJ, Thoma M, Schauer R, Heinemann V, Romano M, Reiner M, Quanz

A, Oppitz U, Bahrehmand R, Tine M, Naszaly A, Patonay P, Mayer Á, Markert K, Mai SK, Lohr F, Dobler B, Pinkawa M, Fishedick K, Treusacher P, Cengiz D, Mager R, Borchers H, Jakse G, Eble MJ, Asadpour B, Krenkel B, Holy R, Kaplan Y, Block T, Czempiel H, Haverkamp U, Prümer B, Christian T, Benkel P, Weber C, Gruber S, Reimann P, Blumberg J, Krause K, Fishedick AR, Kaube K, Steckler K, Henzel B, Licht N, Loch T, Krystek A, Lilienthal A, Alfia H, Claßen J, Spillner P, Knutzen B, Souchon R, Schulz I, Grüschow K, Küchenmeister U, Vogel H, Wolff D, Ramm U, Licner J, Rudolf F, Moog J, Rahl CG, Mose S, Vorwerk H, Weiß E, Engert A, Seufert I, Schwab F, Dahlke J, Zabelina T, Krüger W, Kabisch H, Platz V, Wolf J, Pfistner B, Stieltjes B, Wilhelm T, Schmuecking M, Junker K, Treutier D, Schneider CP, Leonhardi J, Niesen A, Hoeffken K, Schmidt A, Mueller KM, Schmid I, Lehmann K, Blumstein CG, Kreienberg R, Freudenberg L, Kühl H, Stahl M, Elo B, Erichsen P, Stattaus H, Welzel T, Mende U, Heiland S, Salter BJ, Schmid R, Stratakis D, Huber RM, Haferanke J, Zöller N, Henke M, Lorenzen J, Grzyska B, Kuhlmeier A, Adam G, Hamelmann V, Bölling T, Job H, Panke JE, Feyer P, Püttmann S, Siekmeyer B, Jung H, Gagel B, Militz U, Piroth M, Schmachtenberg A, Hoelscher T, Verfaillie C, Kaminski B, Lücke E, Mörtel H, Eyrich W, Fritsch M, Georgi JC, Plathow C, Zieher H, Kiessling F, Peschke P, Kauczor HU, Licher J, Schneider O, Henschler R, Seidel C, Kolkmeier A, Nguyen TP, Janke K, Michaelis M, Bischof M, Stoffregen C, Lipson K, Weber K, Ehemann V, Jürgen D, Achanta P, Thompson K, Martinez JL, Körschgen T, Pakala R, Pinnow E, Hellinga D, O'Tio F, Katzer A, Kaffer A, Kuechler A, Steinkirchner S, Dettmar N, Cordes N, Frick S, Kappler M, Taubert H, Bartel F, Schmidt H, Bache M, Frühauf S, Wenk T, Litzenberger K, Erren M, van Valen F, Liu L, Yang K, Palm J, Püsken M, Behe M, Behr TM, Marini P, John A, Claussen U, Liehr T, Steil V, Moustakis C, Griessbach I, Oettel A, Schaal C, Reinhold M, Strassmann G, Braun I, Vacha P, Richter D, Osterham T, Wolf P, Guenther G, Miemietz M, Lazaridis EA, Forthuber B, Sure M, Klein J, Saleske H, Riedel T, Hirnle P, Horstmann G, Schoepgens H, Van Eck A, Bundschuh O, Van Oosterhut A, Xydis K, Theodorou K, Kappas C, Zurheide J, Fridtjof N, Ganswindt U, Weidner N, Buchgeister M, Weigel B, Müller SB, Glashörster M, Weining C, Hentschel B, Sauer OA, Kleen W, Beck J, Lehmann D, Ley S, Fink C, Puderbach M, Hosch W, Schmähl A, Jung K, Stoßberg A, Rolf E, Damrau M, Oetzel D, Maurer U, Maurer G, Lang K, Zumbé J, Hahm D, Fees H, Robrandt B, Melcher U, Niemeyer M, Mondry A, Kanellopoulos-Niemeyer V, Karle H, Jacob-Heutmann D, Born C, Mohr W, Kutzner J, Thelen M, Schiebe M, Pinkert U, Piasswilm L, Pohl F, Garbe S, Wolf K, Nour Y, Barwig P, Trog D, Schäfer C, Herbst M, Dietl B, Cartes M, Schroeder F, Sigingan-Tek G, Feierabend R, Theden S, Schlieck A, Gotthardt M, Glowalla U, Kremp S, Hamid O, Riefenstahl N, Michaelis B, Schaal G, Liebermeister E, Niewöhner-Desbordes U, Kowalski M, Franz N, Stahl W, Baumbach C, Thale J, Wagner W, Justus B, Huston AL, Seaborn R, Rai P, Rha SW, Sakas G, Wesarg S, Zogal P, Schwald B, Seibert H, Berndt-Skorka R, Seifert G, Schoenekaes K, Bilecen C, Ito W, Matschuck G, Isik D. [Not Available]. *Strahlenther Onkol.* 2004 Jun;180 Suppl 1:5-87. doi: 10.1007/BF03356734. German. PubMed PMID: 27137922.

297: Krishnan KG, Pinzer T, Reber F, Schackert G. Endoscopic exploration of the brachial plexus: technique and topographic anatomy—a study in fresh human cadavers. *Neurosurgery.* 2004 Feb;54(2):401-8; discussion 408-9. PubMed PMID: 14744288.

298: Skrypnik C, Bartsch O. Retinoblastoma, pinealoma, and mild overgrowth in a boy with a deletion of RB1 and neighbor genes on chromosome 13q14. *Am J Med Genet A.* 2004 Feb 1;124A(4):397-401. PubMed PMID: 14735589.

299: Litz RJ, Vicent O, Wiessner D, Heller AR. Misplacement of a psoas compartment catheter in the subarachnoid space. *Reg Anesth Pain Med.* 2004 Jan-Feb;29(1):60-4. PubMed PMID: 14727281.

300: Martinez R, Schackert HK, von Kannen S, Lichter P, Joos S, Schackert G. Independent molecular development of metachronous glioblastomas with extended intervening recurrence-free interval. *Brain Pathol.* 2003 Oct;13(4):598-607. PubMed PMID: 14655763.

301: Krex D, Mohr B, Appelt H, Schackert HK, Schackert G. Genetic analysis of a multifocal glioblastoma multiforme: a suitable tool to gain new aspects in glioma development. *Neurosurgery.*

2003 Dec;53(6):1377-84; discussion 1384. PubMed PMID: 14633303.

302: Krex D, Röhl H, König IR, Ziegler A, Schackert HK, Schackert G. Tissue inhibitor of metalloproteinases-1, -2, and -3 polymorphisms in a white population with intracranial aneurysms. *Stroke*. 2003 Dec;34(12):2817-21. Epub 2003 Nov 6. PubMed PMID: 14605322.

303: Krex D, Ziegler A, König IR, Schackert HK, Schackert G. Polymorphisms of the NADPH oxidase P22PHOX gene in a Caucasian population with intracranial aneurysms. *Cerebrovasc Dis*. 2003;16(4):363-8. PubMed PMID: 13130177.

304: Sobottka SB, Bredow J, Beuthien-Baumann B, Reiss G, Schackert G, Steinmeier R. Comparison of functional brain PET images and intraoperative brain-mapping data using image-guided surgery. *Comput Aided Surg*. 2002;7(6):317-25. PubMed PMID: 12731094.

305: Hummel T, Barz S, Hölscher T, Neuhuber WL. Differences in responses to nociceptive stimulation of the oral and aboral oesophagus. *J Clin Neurosci*. 2003 Mar;10(2):223-5. PubMed PMID: 12637055.

306: Steinmeier R, Sobottka SB, Reiss G, Bredow J, Gerber J, Schackert G. Surgery of low-grade gliomas near speech-eloquent regions: brainmapping versus preoperative functional imaging. *Onkologie*. 2002 Dec;25(6):552-7. Review. PubMed PMID: 12566901.

307: Steinmeier R, Hofmann RP, Bauhuf C, Hübner U, Fahlbusch R. Continuous cerebral autoregulation monitoring by cross-correlation analysis. *J Neurotrauma*. 2002 Oct;19(10):1127-38. PubMed PMID: 12427323.

308: Schackert G. Surgery of brain metastases - pro and contra. *Onkologie*. 2002 Oct;25(5):480-1. PubMed PMID: 12415204.

309: Steinmeier R, Bauhuf C, Hübner U, Hofmann RP, Fahlbusch R. Continuous cerebral autoregulation monitoring by cross-correlation analysis: evaluation in healthy volunteers. *Crit Care Med*. 2002 Sep;30(9):1969-75. PubMed PMID: 12352028.

310: Pradel W, Hlawitschka M, Eckelt U, Herzog R, Koch K. Cryosurgical treatment of genuine trigeminal neuralgia. *Br J Oral Maxillofac Surg*. 2002 Jun;40(3):244-7. PubMed PMID: 12054718.

311: Krishnan KG, Müller A. Ventral cervical fusion at multiple levels using free vascularized double-islanded fibula - a technical report and review of the relevant literature. *Eur Spine J*. 2002 Apr;11(2):176-82. Epub 2002 Jan 11. Review. PubMed PMID: 11956927; PubMed Central PMCID: PMC3610504.

312: Steinmeier R, Rachinger J, Kaus M, Ganslandt O, Huk W, Fahlbusch R. Factors influencing the application accuracy of neuronavigation systems. *Stereotact Funct Neurosurg*. 2000;75(4):188-202. PubMed PMID: 11910212.

313: Krex D, Hauses M, Appelt H, Mohr B, Ehninger G, Schackert HK, Schackert G. Physical and functional characterization of the human LIG1 gene and its possible role in glioma development. *Acta Neuropathol*. 2002 Mar;103(3):255-66. Epub 2001 Dec 8. PubMed PMID: 11907806.

314: Martínez R, Gaul C, Buchfelder M, Erbguth F, Tschaikowsky K. Serum procalcitonin monitoring for differential diagnosis of ventriculitis in adult intensive care patients. *Intensive Care Med*. 2002 Feb;28(2):208-10. Epub 2002 Jan 12. PubMed PMID: 11907666.

315: Müller M, Litz RJ, Hüler M, Albrecht DM. Grand mal convulsion and plasma concentrations after

intravascular injection of ropivacaine for axillary brachial plexus blockade. *Br J Anaesth*. 2001 Nov;87(5):784-7. Review. PubMed PMID: 11878534.

316: Steinmeier R, Bondar I, Bauhuf C, Fahlbusch R. Laser Doppler flowmetry mapping of cerebrocortical microflow: characteristics and limitations. *Neuroimage*. 2002 Jan;15(1):107-19. PubMed PMID: 11771979.

317: Krex D, Ziegler A, Schackert HK, Schackert G. Lack of association between endoglin intron 7 insertion polymorphism and intracranial aneurysms in a white population: evidence of racial/ethnic differences. *Stroke*. 2001 Nov;32(11):2689-94. PubMed PMID: 11692035.

318: Sobottka SB, Huebner A, Haase M, Ahrens W, Rupprecht E, Schackert HK, Schackert G. Albright's hereditary osteodystrophy associated with cerebellar pilocytic astrocytoma: coincidence or genetic relationship? *Horm Res*. 2001;55(4):196-200. Review. PubMed PMID: 11598374.

319: Krex D, Mohr B, Hauses M, Ehninger G, Schackert HK, Schackert G. Identification of uncommon chromosomal aberrations in the neuroglioma cell line H4 by spectral karyotyping. *J Neurooncol*. 2001 Apr;52(2):119-28. PubMed PMID: 11508811.

320: Krex D, Schackert HK, Schackert G. Genesis of cerebral aneurysms—an update. *Acta Neurochir (Wien)*. 2001;143(5):429-48; discussion 448-9. Review. PubMed PMID: 11482693.

321: Schackert G, Steinmetz A, Meier U, Sobottka SB. Surgical management of single and multiple brain metastases: results of a retrospective study. *Onkologie*. 2001 Jun;24(3):246-55. English, German. PubMed PMID: 11455217.

322: Alheit H, Dornfeld S, Dawel M, Alheit M, Henzel B, Steckler K, Blank H, Geyer P. Patient position reproducibility in fractionated stereotactically guided conformal radiotherapy using the BrainLab mask system. *Strahlenther Onkol*. 2001 May;177(5):264-8. PubMed PMID: 11398613.

323: Sobottka SB, Haase M, Fitze G, Hahn M, Schackert HK, Schackert G. Frequent loss of heterozygosity at the 19p13.3 locus without LKB1/STK11 mutations in human carcinoma metastases to the brain. *J Neurooncol*. 2000 Sep;49(3):187-95. PubMed PMID: 11212897.

324: Derouiche A. Topical correlation of increased hippocampal glutamine synthetase immunoreactivity and glutamatergic terminal fields after entorhinal cortex lesion. *Glia*. 2000 Feb 15;29(4):386-91. PubMed PMID: 10652448.

325: List JV, Sobottka S, Huebner A, Bonk C, Koy J, Pinzer T, Schackert G. Cushing's disease in a 7-month-old girl due to a tumor producing adrenocorticotrophic hormone and thyrotropin-secreting hormone. *Pediatr Neurosurg*. 1999 Jul;31(1):7-11. PubMed PMID: 10545816.

326: Melander A, Olsson J, Lindberg G, Salzman A, Howard T, Stang P, Lydick E, Emslie-Smith A, Boyle DI, Evans JM, Macdonald TM, Bain J, Sullivan F; AD Morris for the DARTS/MEMO Collaboration, Juhl C, Pørksen N, Sturis J, Hollingdal M, Pincus S, Veldhuis J, Dejgaard A, Schmitz O, Kristensen JS, Frandsen KB, Bayer T, Müller P, Dunning BE, Paladini S, Gutierrez C, Deacon R, Valentin M, Grunberger G, Weston WM, Patwardhan R, Rappaport EB, Sargeant LA, Wareham NJ, Khaw KT, Zethelius B, Lithell H, Hales CN, Berne C, Lakka HM, Oksanen L, Tuomainen TP, Kontula K, Salonen JT, Dekker JM, de Boks P, de Vegt F, Stehouwer CD, Nijpels G, Bouter LM, Heine RJ, Bruno G, Cavallo-Perin P, Bargero G, D'Errico N, Borra M, Macchia G, Pagano G, Newton RW, Ruta DA, New JP, Wallace C, Roxburgh MA, Young RJ, Vaughan NJ, Elliott P, Brennan G, Devers M, MacAlpine R, Steinke D, Lawson DH, Decallonne B, Casteels K, Gysemans C, Bouillon R, Mathieu C, Linn T, Strate C, Schneider K, Funda DP, Jirsa M Jr, Kozáková H, Kaas A, Kofronová O, Tlaskalová-Hogenová H, Buschard K, Wanka H, Hartmann A, Kuttler

B, Rasmussen SB, Sørensen TS, Markholst H, Petersen JS, Karounos D, Dyrberg T, Mabley JG, Haskó G, Szabó C, Seissler J, Nguyen TB, Steinbrenner H, Scherbaum WA, Cipriani R, Gabriele A, Sensi M, Guidobaldi L, Pantellini F, Cerrito MG, Scarpa S, Di Mario U, Morano S, Ceolotto G, Iori E, Baritono E, Del Prato S, Semplicini A, Trevisan R, Zerbini G, Meregalli G, Asnaghi V, Tentori F, Maestroni A, Mangili R, Marescotti C, Vedovato M, Tiengo A, Tadjieva J, Mankovsky BN, Van Aken S, Raes A, Vande Walle J, Matthys D, Craen M, Hansen HP, Lund SS, Rossing P, Jensen T, Parving HH; GENEDIAB Study Group, Andersen S, Tarnow L, Hansen BV, Trautner C, Haastert B, Ennenbach N, Willich S, Tabák ÁG, Orchard TJ, Spranger J, Preissner KT, Schatz H, Pfeiffer A, Cantón A, Burgos R, Hernández C, Lecube A, Mesa J, Segura RM, Mateo C, Simó R, Fathallah L, Greene DA, Obrosova I, Gilbert RE, Kelly DJ, Cox AJ, Berka-Wilkinson JL, Taylor HR, Panagiotopoulos S, Lee V, Jerums G, Cooper ME, Hitman GA, Aganna E, Ogunkolade WB, Rema M, Deepa R, Shanthi-Rani CS, Barakat K, Kumarajeewa TR, Cassell PG, McDermott MF, Mohan V, Ways K, Bursell S, Devries T, Woodworth J, Alatorre C, King G, Aiello LP, Karisen AE, Pavlovic D, Nielsen K, Jensen J, Andersen HU, Pociot F, Mandrup-Poulsen T, Eizirik DL, Nerup J, Lortz S, Tiedge M, Lenzen S, Lally FJ, Bone AJ, Darville MI, Ho YS, Sternesjö J, Sandler S, Chen MC, Schuit F, Pipeleers DG, Merezak S, Hardikar A, Hoet JJ, Remacle C, Reusens B, Bréant B, Garofano A, Czernichow P, Kubota N, Terauchi Y, Miki H, Tamemoto H, Yamauchi T, Nakano R, Komeda K, Eto K, Tobe K, Kimura S, Kadowaki T, Ide T, Murakami K, Tsunoda M, Mochizuki T, Ozanne SE, Nave BT, Wang CL, Dorling MW, Petry CJ, Koopmans SJ, van der Bent C, Que I, Radder JK, Sebkova E, Sana AK, Klimes I, Ruderman N, Morviducci L, Pastore L, Morelli S, Sagratella E, Zorretta D, Buongiorno A, Tamburrano G, Giaccari A, Martinenghi S, De Angelis GC, Ravasi F, Bifari F, Bordignon C, Falqui L, Kessler A, Dransfeld O, Sasson S, Tomas E, Zorzano A, Eckel J, Thorsby P, Rosenfalck AM, Kjems L, Hanssen KF, Madsbad S, Birkeland KI, Hamilton-Wessler M, Markussen J, Bergman RN, Melki V, Hanaire-Broutin H, Bessières-Lacombe S; GEDEC study group, Tauber JP, Home PD, Lindholm A, Riis A; European Insulin Aspart Study Group, Rosenstock J, Schwartz S, Clark C, Edwards M, Donley D; US Study Group of Insulin Glargine in Type 2 DM, Swift P, Mortensen HB, Lynggaard H, Hougaard P; Hvidøre Study group on Childhood Diabetes, Cull CA, Neil HA, Frighi V, Manley SE, Holman RR, Turner RC; UKPDS Group, Steiner G; DAIS Project Group, Davis WA, Weeraratna T, Bruce DG, Davis TM, Vergès B, Duvillard L, Pont F, Florentin E, Gambert P, Benko B, Ljubić S, Turk Z, Granić M, März W, Wollschläger H, Klein G, Neiss A, Wehling M, Huxtable SJ, Saker PJ, Walker M, Frayling TM, Levy JC, O'Rahilly S, Hattersley AT, McCarthy MI, Orecchio A, Giacchini A, Dominici R, Canettieri G, Trinti B, Zani M, Andreoli M, Sciacchitano S, de Silva AM, Whitecross K, Pasco J, Kotowicz M, Nicholson G, Zimmet P, Boyko EJ, Collier GR, Frittitta L, Pizzuti A, Argiolas A, Graci S, Goldfine ID, Bozzali M, Ercolino T, Costanzo B, Iacoviello L, Tassi V, Trischitta V, Wauters M, Rankinen T, Mertens I, Chagnon M, Bouchard C, Van Gaal L, Sivenius K, Valve R, Hakkarainen V, Niskanen L, Laakso M, Uusitupa M, Beridze N, Japaridze M, Kurashvili R, Dundua M, Kebuladze G, Kazakhashvili N, Offley-Shore B, Thomas B, Ghebremeskel K, Crawford M, Lowy C, Eriksson UJ, Martín Simán C, Wisse B, Gittenberger-de Groot AC, Wentzel P, Eriksson UJ, Wender-Ożegowska E, Drews K, Biczysko R, Bronisz A, Rość D, Graczykowska-Koczorowska A, Kotschy M, Sokup A, Kohnert KD, Besch W, Strese J, Frick U, Zander E, Kemer W, Škrha J, Kvasnička J, Kalvodová B, Hilgertová J, Schatteman K, Goossens F, Scharpé S, De Leeuw I, Hendriks D, Legakis IN, Panayiotou D, Mountokalakis TD, Enderle MD, Beckmann P, Balletshofer B, Rittig K, Maerker E, Volk A, Meisner C, Jacob S, Matthaei S, Häring HU, Rett K, Ueda K, Nakagawa T, Shimajiri Y, Kokawa M, Matsumoto E, Sasaki H, Sanke T, Nanjo K, McKinnon CM, Macfarlane WM, Docherty K, Furukawa N, Shirotani T, Kishikawa H, Kaneko K, Araki E, Shichiri M, Prentki M, Roduit R, Susini S, Buteau J, Ejrnæs AM, Andersen NA, Osterhoff M, Möhlig M, Ortmann J, Bikashaghi F, Mayer C, Bikashagi F, Ackermans MT, Pereira Arias AM, Bisschop PH, Endert E, Sauerwein HP, Romijn JA, Gastaldelli A, Baldi S, Pettiti M, Natali A, Frascerra S, Camastra S, Toschi E, Ferrannini E, Stingl H, Krssak M, Bischof MG, Krebs M, Fürnsinn C, Nowotny P, Waldhäusl W, Roden M, Neeft M, Meijer AJ, Båvenholm P, Pigeon J, Efendic S, Kästenbauer T, Sauseng S, Sokol G, Auinger M, Irsigler K, Abbott CA, Carrington AL, Faragher B, Kulkarni J, Van Ross ER, Boulton AJ, Armstrong DG, Hadi S, Nguyen HC, Harkless LB, Jirkovská A, Kasalicky P, Hosová J, Skibova J, Uccioli L, Caselli A, Giacomozzi C, Macellari V, Giurato L, Lardieri L, Menzinger G, Pham HT, Rosenblum BI, Lyons TE,

Giurini JM, Smakowski P, Chrzan JS, Habershaw GM, Veves A, Foster AM, Bates M, Doxford M, Edmonds ME, Kecha O, Winkler R, Martens H, Collette J, Lefèbvre PJ, Greiner D, Geenen V, Atlan-Gepner C, Naspetti M, Valéro R, Barad M, Lepault F, Vialettes B, Naquet P, de Galan B, Netea MG, Hancu N, Smits P, Van der Meer JW, Osterbye T, Jørgensen KH, Trantum-Jensen J, Fredman P, Høy M, Bokvist K, Olsen HL, Horn T, Gromada J, Laub R, Lohmann T, Hahn HJ, Adler T, Emmrich F, Rabuazzo AM, Lupi R, Dotta F, Patanè G, Marselli L, Realacci M, Piro S, Del Guerra S, Santangelo C, Navalesi R, Purrello F, Marchetti P, de Vos P, Visser L, de Haan BJ, Klok P, van Schilfgaarde R, Poppema S, Juang JH, Kuo CH, Hsu BR, Nacher V, Pérez M, Biarnés M, Raurell M, Soler J, Montanya E, Ritzel R, Maubach J, Büsing M, Becker T, Klempnauer J, Hücking K, Schmiegel WH, Nauck MA, Bouček P, Saudek F, Adamec M, Kožitarová R, Jedináková T, Vlasáková Z, Skibová J, Bartoš V, Maffi P, Bertuzzi F, Aldrighetti L, Taglietti MV, Castelnuovo A, Pozza G, Di Carlo V, Secchi A, Renier G, Mamputu JC, Gillespie JS, McMaster D, Mercer C, Trimble ER, Lecomte M, Véricel E, Paget C, Ruggiero D, Lagarde M, Wiernsperger N, Pricci F, Leto G, Amadio L, Cordone S, Iacobini C, Catalano S, Viola F, Rotella CM, Pugliese G, Zicari A, Gradini R, Sale P, Pala L, Cresci B, Giannini S, Manuelli C, Dahlfors G, Arnqvist HJ, Gonelle-Gispert C, Halnan PA, Sadoul K, Wolter S, Lang J, Niwa T, Yu W, Hidaka H, Senda T, Niki I, Fukasawa T, Renstrom E, Barg S, Seward E, Rorsman P, Rutter GA, Molinete M, Lilla V, Ravazzola M, Halban PA, Efanov AM, Bertorello AM, Zaitsev SV, Zwiller J, Berggren PO, MŞengül A, Salman F, Sargrn M, Özer E, Karşıdağ K, Salman S, Gedik S, Satman I, Dinççağ N, Yılmaz MT, Lloyd A, Hopkinson PK, Testa MA, Blonde L, Turner RR, Hayes J, Simonson DC, van der Ven NC, Lubach CH, Snoek FJ, Mollema ED, van der Ploeg HM, Danne T, Hoey H, McGee H, Fitzgerald H, Lernmark B, Thernlund G, Fredin K, Hägglöf B, Lugari R, Dell'Anna C, Ugolotti D, Dei Cas A, Barilli AL, Sard L, Marani B, Iotti M, Zandomenoghi R, Gnudi A, Kjems LL, Volund A, Toft-Nielsen M, Damholt MB, Hilsted L, Hughes TE, Krarup T, Holst JJ, Young A, Gottlieb A, Fineman M, Kolterman O, Cancelas J, García-Martínez JA, Villanueva-Peñacarrillo ML, Valverde I, Malaisse WJ, Filipsson K, Ahrén B, Balkan B, Kwasnik L, Battle B, Li X, Egan JM, Clocquet AR, Elahi D, Petrella E, Prickett K, Petersen KF, Sullivan JT, Amatruda JM, Livingston JN, Shulman GI, Freyse EJ, Knospe S, Glund K, Demuth HU, Walker D, Malik RA, Reljanovic M, Barada A, Milicevic Z, Tack CJ; Croatian Study Group for Diabetic Amyotrophy, Goldstein DS, Van Huysen C, Stevens MJ, Cao X, Sundkvist G, Dahlin LB, Eriksson KF, Rosén I, Lattimer SA, Sima AA, Sullivan K, Shaw JE, de Courten MP, Zimmet PZ, Gourdy P, Ruidavets JB, Arveiler D, Amouyel P, Bingham A, Tauber JP, Lam KS, Wat NM, Lam TH, Janus ED, de Pablos P, Rodriguez F, Martínez J, Sánchez V, Santana C, García I, Macías A, Levin K, Hother-Nielsen O, Henriksen JE, Beck-Nielsen H, Brechtel K, Machann J, Koch M, Nielsen M, Löblein K, Becker R, Deniginger M, Renn W, Machicao F, Claussen CD, Schick F, Diraision F, Moulin P, Beylot M, Thams P, Capito K, Eliasson L, Barg S, Göpel S, Kanno T, Renström E, Meda P, Charollais A, Gjinovci A, Calabrese A, Wonkam A, Caton D, Wiszniewski L, Serre V, Cogne F, Bauquis J, Bosco D, Huarte J, Herrera P, Gotfredsen CF, Vessby B; KANWU study group, Manuel Y, Keenoy B, Engelen W, Vertommen J, Schrans S, Louheranta A, Lindström J, Tuomilehto J; Finnish Diabetes Prevention Study Group, Segal KR, Heymsfield S, Hauptman J, Boldrin M, Lucas C, Pandolfi A, Cetrullo D, Polishchuck R, Alberta M, Pellegrini G, Calafiore A, Vitacolonna E, Capani F, Consoli A, Halleux CM, Gillot EF, Brichard SM, Van der Planken M, Corthouts B, Peiffer F, Scholten D, Walke M, Assert R, Pirags V, Pedula KL, Hillier TA, Brown JB; EURODIAB Prospective Complications Study (PCS) Group, Santini SA, Marra G, Cotroneo P, Manto A, Di Leo MA, Di Gregorio S, Tordi A, Pitocco D, Ruotolo V, Ghirlanda G, Temelkova-Kurktschiev T, Schaper F, Koehler C, Henkel E, Hanefeld M, Mancini L, Citterio F, Cotroneo A, Ceroone S, Castagneto M, Rajbhandari SM, Dent MT, Plater ME, Harris ND, Tesfaye S, Ward JD, Dupuy O, Mayaudon H, Lecoules S, Bauduceau B, Palou M, Farret O, Molinié C, Antonelli-Incalzi R, Fuso L, Giordano A, Calcagni ML, Todaro L, Basso S, Tramaglino LM, Troncone L, Pistelli R, Guillot R, Bringuier A, Porokhov B, Guillausseau PJ, Feldmann G, Zivanic S, Cizmic M, Dragojevic R, Vanovic M, Borghouts LB, van Kranenburg GP, Schaart G, Keizer HA, Niess AM, Dickuth HH, Lutz O, Barbe P, Calazel-Fournier C, Hernandez G, Saint-Martin F, Galitzky J, Gonçalves AA, da Silva EC, Brito IJ, da Silva CA, Lawrence NJ, Kousta E, Mulnier H, Penny A, Millauer B, Johnston DG, Robinson S, Perriello G, Pimenta W, Pampanelli S, Lucidi P, Lepore M, Porcellati F, Cordoni MC, De Feo P, Bolli GB, Sjöstrand M, Holmäng A, Lönnroth P, Hauer B, Grauer P, Artzner S, Lang R, Stumvoll M, Monti LD, Piatti PM, Gemone F,

Valsecchi G, Magni M, Barbieri E, Setola E, Sandoli EP, Galli-Kienle M, Pontiroli AE, Nichols GA, Brown JB, Salzsieder E, Boltz H, Ramirez JC, Rutscher A, Fischer U, Koenig C, Friske M, Schramm W, Landgraf R, Bachmann W, Bangemann M, Groeneveld G, Edvell A, Lindström P, Tsiotra P, Koukourava A, Raptis SA, Tsigos C, Boutou E, Triandafilopoulou A, Egido EM, Rodríguez-Gallardo J, Gutiérrez E, García P, Silvestre RA, Marco J, Khan A, Ling ZC, Ahren B, Efendic S, Bünting C, Du X, Zhi Sui G, Rösen P, Koschinsky T, Kearney TM, Sharp PS, Lapolla A, Fedele D, Martano L, Garbeglio M, Seraglia R, Favretto D, Traldi P, Meerwaldt R, Smit AJ, Links TP, V Roon AM, Graaf R, Gans RO, Deyneli O, Ersöz HÖ, Gogas D, Fak AS, Akalin S, Veglio M, Sivieri R, Chinaglia A, Scaglione L; Neuropathy Study Group of the Italian Society of the Study of Diabetes, Le T, Wong N, Detrano R, Charles MA, Colhoun HM, Francis DP, Rubens M, Underwood SR, Fuller JH, Knudsen E, Sato A, Nielsen FS, Bonora E, Kiechl S, Willeit J, Oberhollenzer F, Egger G, Bonadonna R, Muggeo M, Festa A, D'Agostino R Jr, Howard G, Mykkanen L, Tracy RP, Haffner SM, Poulsen P, Vach K; European Group for the Study of Insulin Resistance (EGIR), Ijzerman RG, Bakker SJ, Truster J, Crowther NJ, Cameron N, Gray IP, Chaillous L, Carel JC, Thivolet C, Boitard C, Charbonnel B, Sai P; D.I.O.R. study group, Decochez K, Keymeulen B, Somers G, Dorchy H, Rottiers R, Winnock F, Ver Elst K, Weets I, Pipeleers D, Gorus F, Seebaum S, Schumm-Draeger PM, Petzoldt R, Federlin K, Bonnevie-Nielsen V, Martensen PM, Justesen J, Worsaa A, Karlsson M, Sederholm S, Ludvigsson J, Bélicar P, Dale C, Vague P, Alessis C, Lassmann-Vague V, Bode BW, Gross TM, Ghegan M, Steed RD, Davidson PC, Ordoñez A, Rubio JL, Sulleiro JM, Buendía JP, Zamora J, Castillo M, Schaupp L, Ellmerer M, Brunner GA, Sendlhofer G, Schlack C, Skrabal F, Wach P, Pieber TR, Heinemann L, Krämer U, Klötzer HM, Hermann M; Non-Invasive Task Force, Cosgrove KE, Chapman JC, Shepherd RM, McIntyre S, Butler PC, Dunne MJ, Brekardin E, Dörschner H, Schwanstecher C, Schwanstecher M, Uhde I, Emmanouilidou E, Teschemacher AG, Pouli AE, Gylfe E, Tengholm A, Hellman B, Perfetti R, Aggarwal S, Müller G, Welte S, Wied S, Valverde AM, Mur C, Kahn CR, Benito M, Rondinone CM, Peterson T, Laviola L, Belsanti G, Logoluso F, Napoli R, Davalli AM, Weir GC, Giorgino R, Giorgino F, Flesch S, Hompesch B, Rave K, Susanto F, Kühn-Velten WN, Heise T, Rendell M, Dole J; Rosiglitazone Study Group, Esper RJ, Stein E, Lemme L; Cerivastatin/Bezafibrate Latin America Study Group, Rubinstein A, Maritz FJ, Soule S, Market A, Chajek-Shaul T, Maislos M, Tal S, Stolerio D; HIDM investigators, Josefsen K, Beckmann H, Petersen C, Ekman R, Efanova I, Zaitsev S, Berggren PO, Birkenbach M, Holl RW, Rosenbauer J, Grabert M; German Working Group on Quality Control, Icks A, Schwab O, Reile K; German Pediat. Working Group, Janssen MM, de Jongh RT, Casteleijn S, Masurel N, Hoogma RP, Santeusano F, Brunetti P, Fanelli CG, Laureti S, Bartocci L, Maran A, Crepaldi C, Trupiani S, Macdonald IA, Avogaro A, Bouman SD, Keitz M, Bruggink JE, Scheurink AJ, Strubbe JH, Steffens AB, Ferguson SC, McCrimmon RJ, Perros P, Best JJ, Deary IJ, Frier BM, Robinson RT, Ireland NH, Bedford C, Fairclough E, Hudson S, Heller SR, Borch-Johnsen K, Berger M, Overmann H, Bender R, Blank M, Sawicki P, Jörgens V, Mühlhauser I, Nosadini R, Sailer A, Dalla Vestra M, Brocco E, Piarulli F, Frigato F, Sambataro M, Velussi M, Baggio B, Fioretto P, Jager A, van Hinsbergh VW, Kostense PJ, Nijpels G, Gæde P, Pedersen O, Andrasiak-Mamos E, Majkowska L, Krzyżanowska B, Pilarska K, Czekalski S, Mazzon C, Brocco S, Field LL, Nejntsev S, Gombos Z, Veijola R, Knip M, Simell O, Vaarala O, Åkerblom HK, Ilonen J, Krokowski M, Bodalski J, Andrzejewski W, Ławnik M, Teodorczyk A, Heinrich A, Caillat-Zucman S, Buzzetti R, Petrone A, Mesturino C, Giorgi G, Fiori R, Nisticò L, Di Genova G, Cascino I, Klöting I, Kovacs P, McKinney PA, Okasha M, Parslow RC, Law GR, Gurney KA, Williams R, Bodansky HJ, Herzig P, Giani G, Vervoort G, Lutterman JA, Berden JH, Wetzels JF, Paniagua O, Shaw L, Austin C, Heagerty AM, Seppälä-Lindroos A, Vehkavaara S, Yki-Järvinen H, Caballero AE, Lim SC, LoGerfo FW, Horton ES, Zembowicz A, Fragasso G, Caumo A, Phan VC, Costa S, Conti M, Chierchia SL, Vigili de Kreutzenberg S, Marchetto S, Calò L, Wascher TC, Wölkart G, Brunner F, Tripathy D, Carlsson M, Isomaa B, Tuomi T, Groop L, Stoffers DA, Muller DC, Wideman L, Chin GA, Clarke WL, Hanks JB, Habener JF, Guazzarotti L, Toffolo G, Clementi L, Vespasiani G, Cobelli C, Clauin S, Bellanné-Chantelot C, Bartolotta E, Gautier JF, Wilson C, Weyer C, Mort D, Knowler WC, Polonsky K, Bogardus C, Pratley RE, Porksen N, Veldhuis JD, Polonsky KS, Byrne MM, Brandt A, Arnold R, Katschinski M, Göke B, Hardt E, Fritsche A, Stefan N, Schützenauer S, Lüddecke HJ, Renner R, Hepp KD, Shnawa N, Krugluger W, Hopmeier P, Schernthaner G, Kautzky-Willer A, Prager R, Fallucca F, Sabbatini A, Sciuillo E, Torresi P,

Mazziotti F, Maroccia E, Napoli A, Buongiorno A, Deberg M, Dozio N, Castiglioni MT, Sodoyez-Goffaux F, Carvalheiro M, Fagulha I, Fagulha A, Gomes L, Paiva S, Marta E, Sobral E, Leitão F, Pinto L, Ruas M, Buchanan T, Di Cianni G, Volpe L, Casadidio I, Bottone P, Teti G, Boldrini A, Benzi L, Rasera T, Becciu V, Beretta A, Almirante G, Castiglioni M, Kerényi Z, Stella P, Nádasdi Á, Baranyi É, Csákány MG, Tamás G, Mehta ZM, Manley S, Zimmet P, Bottazzo GF, Hoey H, Mollensen H, Hougaard P, McGee H, Vidal J, Fernández M, Sesmilo G, Casamitjana R, Gomis R, Conget I, Rathmann W, Curran S, Mitchell J, Hennings S, Katsaros T, Saflianis I, Gigiakou E, Kasi E, Polychroniades V, Dzien A, Dzien-Bischinger C, Hadjidakis D, Apostolopoulou N, Sfakianakis M, Raptis AE, Ryysy L, Häkkinen AM, Goto T, Westerbacka J, Halavaara J, Libman I, Pietropaolo M, LaPorte R, Pietropaolo S, Becker D, Pirie FJ, York DF, Motala AA, Omar MA, Tzaneva V, Iotova V, Jaeger C, Hatziagelaki E, Stroedter A, Becker F, Bretzel RG, Strebelow M, Schlosser M, Ziegler B, Ziegler M, Wassmuth R, Ostrauskas R, Žalinskius R, Norkus A; Lithuanian Collaborative Group for the Epidemiology of Diabetes, Jarosz-Chobot P, Otto-Buczkowska E, Koehler B, Maklakiewicz E, Green A, Ionescu-Tirgoviste C, Serban V, Guja C, Mota M, Creteanu G, Calin A, Morosanu M, Ferariu I, Halmagy I, Cristescu I, Strugariu M, Minescu A, Barbul R, Visalli N, Sabastiani L, Adorisio E, Cassone Faldetta MR, Multari G, Casu A, Songini M, Pozzilli P; IMDIAB Study Group, Muntoni S, Wäänänen S, Law G, Muntoni S, Shubnikov E, Choubnikova J, Mikulecký M, Michalková D, Hlava P, Teuscher AU, Reinli K, Teuscher A, Zhao HX, Stenhouse E, Moyeed R, Demaine AG, Millward BA, Feltbower RG, Holland P, Campbell F, Fear NT, Wasmuth HE, Elliott RB, McLachlan C, Erhardt G, Kolb H, Guaita G, Pelligrà I, Motzo C, Obinu M, Cossu E, Cirillo R, Kinalski M, Krętowski A, Bingley P, Kinalska I, Douek IF, Bingley PJ, Gale EA, Imagawa A, Hanafusa T, Miyagawa J, Matsuzawa Y; Osaka IDDM Study Group, Todd JA, Welsh K, Marshall S, Nolsøe R, Kristiansen OP, Larsen Z, Johannesen J, Jahromi MM, Larsen ZM, Kyvik KO, Jeanclos E, Schork NJ, Aviv A, Sieradzki J, Małeck MT, Klupa T, Hanna L, Sieradzka J, Frey J, Królewski AS, Calvo B, Bilbao JR, Perez de Nancrales G, Castaño L, Santos JL, Pérez-Bravo F, Piquer S, Puig-Domingo M, Carrasco E, Calvillán M, De Leiva A, Albala C, Cavallo MG, Manca Bitti ML, Suraci C, Crinò A, Giordano C, Cervoni M, Sbriglia MS, Bizzarri C, Marietti G, Fuchtenbusch M, Bonifacio E, Kredel K, Schnell O, Ziegler AG, Assaad-Khalil SH, Michelsen BK, El-Azzouni O, Abou-Seif M, Kamel F, Fouad K, Abdel-Aty T, El-Sheikh S, Zamani M, Pociot H, Nerup J, Cassiman JJ, Olivares E, Ladrière L, Laghmich A, Sener A, Scott FW, Ivanova O, Poltorack V; Pramlintide Type 1 Study Group; Pramlintide Type 2 Study Group, Gorbenko N, Gladkikh A, Nikitchenko I, Dunger A, Augstein P, Berg S, Williams AJ, Norcross AJ, Gillmor HA, Lampasona V, Bernasconi L, Hermite L, Martin-Moutot N, Boucraut J, Seagar M, Couraud F, Scirpoli M, Maioli M, Tonolo G, Bekris L, Schranz D, Ciccarese M, Lernmark A, Lee HC, Nam JH, Ahn CW, Song YD, Lim SK, Kim KR, Huh KB, Fajardo C, Carmona E, Sanchez-Cuenca JM, Campos V, Carles C, Brazales A, Merino F, Piñón F, Mašek Z, Perušičová J, Bárová H, Šterzl I, Hejduková H, Schneiderka P, Hink S, Muzyka B, Streit G, Kopp HP, Kroiss A, Tankova T, Dakovska L, Kirilov G, Koev D, Abrams P, De Block C, Rooman R, Du Caju M, Eibl NL, Wolf H, Eibl MM, Di Cesare E, Previti M, Lombardo F, Di Benedetto A, Romano G, De Luca F, Cucinotta D, Brunelle RL, Huang J, Fineberg SE, Anderson JH, List C, Lamesch P, Kohlhaw K, Schwarz C, Wenzke M, Richter O, Hauss J, Zeng SF, Xu XS, Zheng SX, Shii K, Baba S, Bonfanti R, Bazzigaluppi E, Meschi F, Boggetti E, Bosi E, Chiumello G, Cinapri V, Quilici S, Forotti G, Giampietro O, Matteucci E, Luppi P, Zanone MM, Rudert W, Haluszczak C, Alexander A, Bertera S, Gottlieb P, Trucco M, Irnstetter A, Jäger G, Schenker M, Ziegler MA, Myśliwiec J, Szelachowska M, Monetini L, Valente L, Coppolino G, Stefanini L, Corbi S, Spera S, Matteoli MC, Ferrazzoli F, Cantagallo A, De Mattia GC, Walker B, Sonnet E, Gibassier J, Derrien C, Massart C, Allannic H, Maugendre D, Leech NJ, Elsegood KA, Narendran P, Hubbard A, Dayan CM, Mianowska B, Bodalska-Lipińska J, Chrul S, Wyka K, Geissler A, Schneider ML, Bochow B, Koop I, Zhang TM, Zhang Y, Han CH, Jin SX, Dervogormiyacıyan H, Araslı M, Aydemir D, Yillar G, Deniz G, Gürol AO, Aktaş E, Tütüncü Y, Pertyńska MP, Banasik M, Zeman K, Cypriak K, Wilczyński J, Tchórzewski H, Müser ES, Baier JE, Bergbauer M, Schmutz G, Figge A, Reiser M, Schmiegel W, Burkart V, Kim YE, Kauer M, Utsugi T, Kanda T, Kobayashi I, Uchiyama T, Ito H, Ohyama Y, Tomono S, Kawazu S, Nagai R, Hehmke B, Heinke P, Kelemen K, Wegmann D, Hutton JC, Wachlin G, Schröder D, Schmidt S, Schlöot NC, Hanifi-Moghaddam P, Goebel C, Rothe H, Hausmann A, Laureys J, Depovere J, Waer M, Karsten V, Tritschler S, Belcourt A, Pinget M, Kessler L, Gregori S, Sala L, Smiroldo S, Davalli A, Adorini

L, Bo S, Repetti E, Gentile L, Fornengo P, Bruno A, Ferrero L, Kanoun F, Harzallah F, Ftouhi B, Mekaouar A, Bellaaj R, Fekih M, Mebazaa A, Zouari B, Ben Khalifa F; Turkish Diabetes Epidemiology Group, Spijkerman AM, Ruige JB, Colagiuri S, Colagiuri R, Palu T, Na'ati E, Muimui-Heata S, Samiu O, deBlieck C, Ta'ai A, Foliaki S, Hussain Z, McLennan M, Hansen CN, Ibsen H, Dogadin SA, Nozdratchev KG, Lidfeldt J, Nerbrand C, Lindholm LH, Samsioe G, Scherstén B, Agardh CD, Wójcikowski C, Grzeszczak W, Łopatyński J, Bandurska-Stankiewicz E; Screen-Pol Study Group, Mardarowicz G, Król H, Matej A, Czupryniak L, Kropiwnicka A, Drzewoski J, Viljoen E, Costa A, Martinez S, Carmona F, Levy I, Baruffaldi L, Solerte B, Mantovani E, Boullu S, Jeandidier N, Legaludec V, Costa B, Franch J, Martín F, Morató J, Donado A, Basora J, Daniel J; IGT Research Group, Sayeed MA, Mahtab H, Kibriya MG, Khanam PA, Azad Khan AK, de Courten M, Chitson P, Cox H; Mauritian NCD group, King R, Dachtler J, Johnston D, Ito C, Kataoka M, Lakhdar AA, Myers MA, Fuecker K, Echwald SM, Hansen T, Ekstrøm CT, Urhammer SA, Eiberg H, Roberts S, Barrow BA, Hainsworth J, Schousboe K, Henriksenog JE, Sørensen TI, Herlihy OM, Timmer B, Grant PJ, Bennett SM, Ghunaim SA, Stewart MW, Baroni MG, Sentinelli F, Lovari S, Vitali M, Capici F, Barbetti F, Weng JP, Lehto M, Li H, Forsblom C, Groop L, Blanche H, Morel V, Hansen L, Stanojevic V, Petersen HV, Urioste S, Stoffers D, Møller AM, Serup P, Ek J, Durviaux S, Clausen JO, Rousseau GG, Lemaigre FP, Bjørkhaug L, Njølstad PR, Lindner T, Cockburn BN, Molven A, Søvik O, Lindner TH, Horikawa Y, Sovik O, Frederiksen SK, Almind K, Van Obberghen E, Kovács P, van den Brandt J, Fenger M, Vaag A, Haist K, Weisser M, Rettig A, Zhang M, Chung SS, Pihlajamäki J, Karjalainen L, Karhapää P, Vauhkonen I, Cassell P, Uwakwe N, Kopelman P, Ramachandran A, Snehalatha C, Rasmussen SK, Lautier C, Grigorescu F, Smith RJ, Frayling T, Turner R, Hitman G, Subba Rao P, Bennett AJ, Jones E, Lathrop GM, Menzel S, Wahid F, Cooper L, Scott J, Aitman TJ, Galli J, Fakhrai-Rad H, Kamel A, Marcus C, Norgren S, Luthman H, Wallis RH, Collins SC, Kaisaki PJ, Ktorza A, Lathrop M, Gauguier D, Huxtable S, McCarthy M, Shimomura H, Hanabusa T, Tsunoda K, Lazdins M, Dalgaard LT, Jensen NM, Jensen JN, Lynn S, Turnbull DM, Pérez de Nanclares G, Gaztambide S, Vázquez JA, Groves CJ, Izmajlłowicz ML, Horton VA, Owen RJ, Stratton IR, Green FR, Groves C, Horton V, Owen R, Stratton I, Clark LA, Voigt A, Rochlitz H, Rau H, Braun J, Schmidt K, Plock K, Donner H, Schöneberger A, Usadel KH, Badenhop K, Bendlová B, Mazura I, Včelák J, Vondra K, Palyzová D, Svatoš J, Mikšová P, Russo G, Couture P, Wilson PW, Cupples LA, Otvos JD, Schaefer EJ, Ordovas JM, Malecki MT, Ji L, Curtis S, Rich SS, Warram JH, Krolewski AS, Gudayol M, Usac EF, van Essen EH, Roep BO, 't Hart LM, Janssen JJ, van den Ouweland JM, Lemkes HH, Maassen AJ, Nakano S, Fukuda M, Maejima K, Imaizumi N, Kitazawa M, Nishizawa M, Kigoshi T, Uchida K, Le Gall JY, David V, Baltrusch S, Richter T, da Silva Xavier G, Dickens M, Belin VD, Green IC, Burns CJ, Squires PE, Howell SL, Persaud SJ, Ban N, Yamada Y, Someya Y, Ihara Y, Tsuda K, Seino Y, Alcazar O, Tyrberg B, Carlsson C, Andersson A, Mukai E, Ishida H, Fujimoto S, Kajikawa M, Fujita J, Tsuura Y, Malaisse-Lagae F, Picton S, Tamarit-Rodriguez J, Mukala-Nsengu-Tshibangu A, Fernández S, Giné E, Ortsäter H, Liss P, Åkerman KE, Bergsten P, Hu S, Wang S, Roos ES, Gounarides JS, Shapiro MJ, de Souza CJ, Papas KK, Nishimura M, Kadiata MM, Louchami K, Jijakli H, Rajan AS, Kuang S, Iyer D, Waddell ID, Holloway BR, Ishihara H, Wang H, Wollheim CB, Ayvaz G, Mercan D, Rasschaert J, Giroix MH, Scruel O, Portha B, Broca C, Fernandez-Alvarez J, Manteghetti M, Gross R, Sauvaire Y, Petit P, Ribes G, McClenaghan NH, Ball AJ, Flatt PR, Rustenbeck I, Dickel C, Winkler M, Grimmsmann T, Meyer U, Gross I, Barnes PD, O'Brien RE, Abdel-Wahab YH, Hashmi MN, Giesberts AN, White SJ, Cooper EJ, Hudson AL, Eglen RM, Dillon MP, Chan SL, Morgan NG, Parini A, Gotfredsen C, Ullrich S, Su J, Rösier M, Hescheler J, Greger R, Wardt R, Arredouani A, Gailly P, Henquin JC, Gilon P, Macfarlane WN, Docherty K, Jonkers FC, Schöfl C, Börger J, von Zur Mühlen A, Brabant G, Grapengiesser E, Harris TE, Buchan AM, Jones PM, Jaikaran ET, Marcon G, St George-Hyslop PH, Fraser PE, Clark A, Lebrun P, Antoine MH, Nguyen QA, Rorsman P, Wasmeier C, Antinozzi P, Maechler P, Schwartz E, Wollheim C, Roderigo HM, Matsumoto K, Ebihara K, Yamamoto H, Tabuchi H, Fukunaga K, Yasunami M, Ohkubo H, Miyamoto E, Horn PA, García-Barrado MJ, Sancho C, Martín M, Moratinos J, Westerlund J, Lin JM, Brown R, Björklund A, Grill V, Detimary P, Guiot Y, Rahier J, Elmi A, Sehlin J, Hauge-Evans AC, Cybal M, Drużyńska J, Wierzchowska J, Krippeit-Drews P, Drews G, Krämer C, Jornot L, Düfer M, Nöda M, Yamashita S, Takahashi N, Tsubamoto Y, Kasai H, Sharp GW, Lember N, Joos HC, Ammon HP, Wahl MA, Ainscow EK, Zhao C, Fabregat ME, Fernández-

Álvarez J, Franco C, Novelli M, Fernández-Alvarez J, Masiello P, Lajoix A, Beffy P, Roux S, Chardès T, Roye M, Lajoix AD, Reggio H, Peraldi-Roux S, Henningsson R, Salehi A, Lundquist I, Stickings P, Mistry S, Ratcliff H, Morris SM Jr, Cunningham JM, Ekelund M, Ermakova NV, Paulssen RH, Florholmen J, Carmellini M, Mosca F, Patané G, Longo D, Squatrito S, Clement L, Magnan C, Vincent M, Penicaud L, Assimacopoulos-Jeannet F, Vigneri R, Rolfsen SE, Gregersen S, Hermansen K, Blondeau B, Rojas I, Novials A, Fernández-Usac E, Cristóbal P, Higham CE, Lawrie L, Sherman KI, Birch N, Tito P, Robinson CV, de Koning EJ, Verbeek JS, Esapa C, Laube B, Powell DS, Maksoud H, Chargé SB, Matthews DR, Stratton IM, Karlsson S, Myrsén-Axcrona U, Östlund B, Sundler F, Bertrand G, Puech R, Bockaert J, Persson-Sjögren S, Täljedal IB, Mooney MH, O'Harte FP, Simonsson E, Abdel-Halim SM, Efendić S, Ahrén B, Yanagida K, Arima T, Yada T, Egéa JC, Hirtz C, Deville de Périère D, Meoni C, Falqui L, Arcelloni C, Paroni R, Folli F, Barry R, Turner NC, Tadayyon M, Arch JR, Sutti F, Perego L, Baglioni S, Otte A, Socci C, Raffaele HS, Stumpf E, Aalto Y, Otonkoski T, Knuutila S, Andersson LC, Berra C, Furlan R, Coppelli A, Tellini C, Bordignon C, Rouiller DG, Lister CA, Moore GB, Piercy V, Newman M, Chapman H, Smith SA, Anastasi E, Bulotta A, Tiberti C, Ponte E, Liddi R, Taruscio D, Falchi M, Annerén C, Welsh M, Bernard C, Illic C, Guilbert V, Palgi J, Korbütt GS, Rayat GR, Rajotte RV, Kieffer TJ, Karlsson E, Sandler S, Boujendar S, Huotari MA, Miettinen PJ, Keski-Oja J, Breda E, Pacini G, Vilsbøll T, Toft-Nielsen MB, Dinesen B, Corssmit EP, Qvigstad E, Mostad IL, Bjerve K, Ann CW, Kume M, Hiramatsu M, Taniguchi J, Saito Y, Kawasaki Y, Kanazawa M, Notoya Y, Hayashi T, Djemli A, Gallice P, Coste T, Jannot MF, Dufayet D, Raccach D, Vague P, Sattar S, Basak RC, Hasan Z, Ali L, Nikulina MA, Karlsen AE, Hong TP, Andersen NA, Puren AJ, Fantuzzi G, Dinarello CA, Gysemans CA, Sparre T, Fey S, Larsen PM, Andersson AK, John NE, Fey SJ, Mose Larsen P, Frigerio S, Ghayur T, Holländer GA, Zumsteg U, Pinach S, Monge L, Grassi G, Pasquero P, Ruiu G, Dall'Omo A, Carta Q, Hadjivassiliou V, Dunger AM, Green MH, Rasilainen S, Roivainen M, Ylipaasto P, Bouwens L, Hovi T, Sekine N, Takahashi K, Ishikawa T, Okazaki T, Fujita T, Elliott J, Scarpello JH, Conroy S, Byrne P, Newsholme P, Harrison M, Green IC, Kaya F, Süssleyici B, Öztürk M, Eisner M, Guldbakke B, Karpenko N, Brizgalova G, Alesina M, Røder ME, Schwartz RS, Prigeon R, Kahn SE, Kendereški A, Micić D, Šumarac M, Macut D, Zonć S, Čolić M, Cvijović G, Gligorović P, Courtney CH, Atkinson AB, Ennis C, Sheridan B, Bell PM, Jolly M, Amin R, Godsland I, Horvoka R, Anyaoku V, Lawrence N, Krasova N, Sergienko L, Mingrone G, Plat L, Balasse EO, Zykova T, Jenssen T, Strelkova A, Zykova S, Tipisova E, Féry F, Wijenaike AN, Watt PW, Jung RT, Bolton-Smith C, Rennie MJ, Ludvik B, Aigmueller T, Waldhaeusl W, Courtois P, Bource F, Guenat E, Philippe J, Jéquier E, Tappy L, Benny S, Grönemeyer D, Aygen S, Scholz N, Busch M, Tauveron I, Rochon C, Dejax C, Benoit P, Capitan P, Bayle G, Prugnaud J, Fabricio A, Champredon C, Thieblot P, Grizard J, Nielsen MF, Nyholm B, Chandramouli V, Schumann WC, Landau BR, Rizza RA, Mitrakou A, Meyer C, Tolias A, Platanisiotis D, Vlachos L, Gerich J, Wajngot A, Sprangers F, Jellema WT, Lopuhaä CE, van Lieshout JJ, van der Zee JS, Mithieux G, Croset M, Zitoun C, Hurot JM, Rajas F, Montano S, Willem R, Verbruggen I, Grue-Sørensen G, Björkling F, Watson ND, Burns SP, Murphy HC, Iles RA, Cohen RD, Rooney K, Swan V, Phuyal J, Millar J, Bryson J, Denyer G, Caterson I, Thompson C, Gaster M, Handberg A, Schrøder HD, Alzaid A, Sobki S, Thye-Rønn P, Alford F, Christopher M, Gras F, Brunmair B, Neschen S, Py G, Lambert K, Raynaud E, Mercier J, Tsuchihashi K, Sumida Y, Fujimoto H, Nakamura M, Miyata E, Furuta M, Katsuki A, Ito K, Sasaki R, Hori Y, Yano Y, Adachi Y, Lauritz J, Eriksson JW, Burén J, Zhao LJ, Li ZC, Kullin M, Karlsson FA, Redondo A, Puente J, Clemente F, González N, Moberg E, Amer P, Hagström-Toft E, Bolinder J, Björnholm M, Krook A, Galuska D, Myers M Jr, Zierath JR, Wallberg-Henriksson H, Niklasson M, Strindberg L, Sternberg F, Hebeda S, Kratzer W, Salgado MI, Hoss U, Kalatz B, Lohmann S, Fussgänger R, Khomazjuk AI, Ncscheret AP, Gonchar IV, Quinones-Galvan A, Sironi AM, Cominacini L, Nagai Y, Yamashita H, Takamura T, Kobayashi K, Szanto I, Peth JA, Kinnick TR, Youngblood EB, Tritschler HJ, Henriksen EJ, Gašperíková D, Rufo C, Teran-Garcia M, Nakamura MT, Clarke SD, Pye S, Zhang Z, Radziuk J, Guignot L, Bell KS, Lim-Fraser M, Cooney G, Kraegen EW, Takayama S, Legare DJ, Macedo MP, Lutt WW, Bradley B, Barron P, Davies J, Ader M, Richey JM, Ait El Mkaem S, Macari F, Renard E, Méchaly I, Brun JF, Cros G, Bringer J, Del Aguila LF, Krishnan RK, Farrell PA, Ulbrecht J, Correll PH, Kirwan JP, Mei J, Rahn-Landström T, Brindley D, Manganiello V, Degerman E, Ziv E, Shafir E, Kaiman R, Galer S, Bar-On H, Gerő L, Földes K, Janssen J, Járjay J, Perner F, Haap M,

Houdali B, Schmit MB, Dietze GJ, Perrini S, Natalicchio A, Montrone C, de Robertis O, De Pergola G, Strack V, Kellerer M, Kausch C, Condorelli G, Beguinot F, Häring HU, Song XM, Chibalin AV, Ryder JW, Jiang XJ, Alessi DR, Hennige AM, Metzinger E, Seipke G, Trüb T, Hey A, Sørensen AR, Schäffer L, Drejer K, Kurtzhals P, Hansen BF, Matozaki T, Noguchi T, Yamao T, Takada T, Ochi F, Takeda H, Inagaki K, Hosoka T, Kasuga M, Schürt M, Meier M, Drenckhan M, Meyer M, Aries SP, Klein HH, Telting D, van der Zon GC, Dorrestijn J, Maassen JA, Clapham JC, Holder JC, Tomlinson KM, Pickavance L, Buckingham R, Wilding J, Jacinto SM, Harrold J, Ljung B, Kjellstedt A, Thalén P, Widdowson P, Williams G, Oakes N, Aoki K, Saito T, Satoh S, Mukasa K, Kaneshiro M, Kawasaki S, Hoshino K, Okamura A, Sekihara H, Smith U, Johansson A, Nilsson E, Olausson T, Nakazawa T, Suzuki M, Martinez J, Murado P, Azal Ö, Yönm A, Çakır B, Polat Z, Kutlu M, Çorakçı A, Bayraktar M, Gürlek A, Koray Z, Damian MS, Linn T, Laube H, Arzner S, Meißner HP, Giunti S, Comune M, Cassader M, Conte MR, Sacchi C, Musso G, Mecca F, Depetris N, Gambino R, Perin PC, Kawakami S, Sandqvist M, Jansson PA, Šindelka G, Widimský J, Haas T, Prázný M, Mari A, Nolan JJ, Uusitupa MI, Karşıdağ K, Hacıhanefioğlu B, Dinççağ N, Drivsholm T, Palacios RT, Vølund A, Pedersen OB, Letiexhe MR, Scheen AJ, Quiñones Galvan A, Simeoni M, Basu A, Uosukainen A, Mäkimattila S, Schlenzka A, Adler AI, Levy J, Stevens R, Matthews D, Holman R, Boland BJ, Jeanjean M, Hermans MP, Maudouigt C, Tonglet R, Robert A, Quiñones-Galvan A, Cini G, Galetta F, Sanna G, Gernone F, Janssen MJ, Gonera RK, Wolffenbuttel BH, de Leeuw PW, Schaper NC, Mołęda P, Kuczerowski R, Czech A, Tatoń J, Taddei S, Patiag D, Qu X, Wilkes M, Gray S, Seale JP, Donnelly R, Campión J, Maestro B, Dávila N, Carranza MC, Calle C, Hales CN, Fernández-Real JM, Grasa M, Pugeat M, Barret C, Ricart W, Lindmark S, Olsson T, Tufvesson M, Loeblein K, Mehnert B, Haering HU, Rave K, Heise T, Clauson P, Hirschberger S, Heinemann L, Claret M, Nadal B, Truc A, Rossi L, Hildebrand P, Ketterer S, Beglinger C, Keller U, Gyr K, Parvin S, Overkamp D, Vayreda M, González-Huix F, G-Huix F, Zavaroni I, Gasparini P, Massironi P, Zuccarelli A, Delsignore R, Reaven GM, Sheu WH, Lee WJ, Chen YT, Iraklianos S, Tournis S, Volonakis I, Spylopoulou M, Biliannou E, Melidonis A, Foussas S, Güler S, Çakır B, Demi Rbaş B, Gürsoy G, Serter R, Aral Y, Morton G, Lee S, Fahey R, de Silva A, Cai XJ, Buckingham RE, Arch JR, Wilson S, Clausen JT, Kristensen P, Nielsen PF, Wulff BS, Thim L, Holness MJ, Sugden MC, Fryer LG, Munns MJ, Mannucci E, Ognibene A, Cremasco F, Bardini G, Mencucci A, Ciani S, Pierazzuoli E, Tsuchihashi K, Rigalleau V, Delafaye C, Baillet L, Vergnot V, Brunou P, Gatta B, Gin H, Felber JP, Munger R, Assimacopoulos F, Bobbioni E, Golay A, Wilken M, Larsen FS, Buckley D, Molina LM, Marquez L, Arceo A, Hernandez C, Kofod H, Damholt AB, Buchan A, Márquez L, Luque MA, Sarti L, Sutton PJ, Behle K, Heimesaat MM, Hüfner M, Gravholt CH, Møllier N, Christiansen JS, Schmitz O, Deacon CF, Brock B, Knudsen LB, Agersø H, Huusfeldt PO, Kelly CM, Brunn C, Schioos J, Sewing S, Lemansky P, Wawro S, Mest HJ, Taguchi T, Motoshima H, Yoshizato K, Guenifi A, Henriksson M, Johansson J, Shafqat J, Tally M, Wahren J, Jömvall H, Ekberg K, Rigler R, Pramanik A, Kratz G, Johansson BL, Uhlén M, Jörmvall H, Forst T, Dufayet De La Tour D, Kunt T, Pfützner A, Goitom K, Pohlmann T, Schneider S, Johansson BL, Löbig M, Engelbach M, Beyer J, Ekman B, Nyström F, Arnqvist HJ, Halvatsiotis PG, Meek S, Bigelow M, Nair KS, Maghsoudi S, Fisker S, Vølund AA, Jørgensen JO, Christiansen JS, Hilsted J, Mazerkina NA, Tiulpakov AN, Gorelyshev SK, Peterkova VA, Macut DJ, Dieguez C, Casanueva FF, Catalina PF, Mallo F, Andrade A, García-Mayor RV, Popova VV, Ter Maaten JC, Popp-Snijders C, Madsen L, Ukropec J, Bergene E, Rnstan AC, Berge R, Arner P, Wahl G, Häring H, Bryson JM, Curtis SE, Caterson ID, Winzell MS, Svensson H, Ahnén B, Holm C, Phillips C, Madigan C, Owens D, Collins P, Johnson A, Tomkin GH, Cabezas MC, van Oostrom AJ, Erkelens DW, Summers LK, Fielding BA, Ilic V, Clark ML, Frayn KN, Pietzsch J, Julius U, Nitzsche S, Fischer S, Lindgren C, Amrot-Fors L, Hoffmann MM, Luft D, Schmülling RM, D'Adamo M, Leonetti F, Paoloni A, Ribaudo MC, Basso MS, Elmore U, Restuccia A, Sbraccia P, Emilsson V, O'Dowd J, Heyman R, Cawthorne MA, Pelikánová T, Kazdová L, Žák A, Chvojková Š, Özer EM, Kadioğlu P, Korugan Ü, Hatemi H, Rivelles AA, Dullaart RP, Riemens SC, Sluiter WJ, van Tol A, Farnier M, Megnien S, Turpin G; Cerivastatin Combination Therapy Study Group, Stulp BK, Brambilla P, Brunelli A, Riva MC, Manzoni P, de Poli S, Riboni S, Stolk RP, Meijer R, Wink O, Zelissen PM, van Gils AP, Grobbee DE, Vilarrasa N, Gimenez O, Lopez L, Insa R, Fdez Castañer M, Cabrera-Rode E, Perich P, Diaz-Horta O, Molina G, Fernández Castañer M, López L, Jiménez O, Boltaña A, Ampudia-Blasco FJ, Martínez I, Civera M, Ascaso JF, Carmena R, Ahmed K, Luzio

S, Furmaniak V, Owens DR, Dionadji M, Mbaissouroum M, Anderson J, Garg S, MacKenzie T, Shephard M, Peery B, Chase H, Holstein A, Thießen E, Kaufmann N, Egberts EH, Lutgers HL, Hullegie LM, Hoogenberg K, Wientjes KJ, Schoonen AJ, Wientjes KJ, Schoonen AJ, Weitgasser R, Gappmayer B, Pichler M, Sapin R, Friess P, Eskes SA, de Vries JH, Pouwer F, van Ballegooie E, Spijker AJ, Jeng L, Winsett J, Tubiana-Rufi N, Munz-Licha G, Polak M, Sheehan J, Ulchaker M, Toeller M, Üstün A, Yilmaz MT, Aparicio M, Peyron E; EURODIAB Complications Study Group, Rizkalla SW, Taverna M, Guerre-Millo M, Chevalier A, Pacher N, Slama G, Gorshunskaya M, Buyken AE, Heitkamp G, Kabir M, Oppert JM, Wursch P, Bruzzo F, Rahman MH, Fatima K, Ahmed S, Mondal HN, Yilmaz M, Öztok U, Karakoç A, Çakır N, Düzgün E, Yetkin I, Arslan M, Şardaş S, Wilding J, Géloën A, Baret G, Dalmaz Y, Peyronnet J, Clémenceau B, Martignat L, Lalain S, Gouin E, Kenda-Ropson N, Miller AO, You S, Aguilera E, Recasens M, Flores L, Ricart MJ, Fernández-Cruz L, Esmatjes E, Crenier L, Noël C, Le Moine A, Mahy M, Danguy A, Kiss R, Goldman M, Bracci C, De Haan B, Nilsson K, Deschamps JY, Glagolichová A, Smrčková I, Dieterle C, Illner WD, Land W, Feldmeier H, Scheuer R, Lalli C, Di Loreto C, Ellringmann U, Balks HJ, V Zur Mühlen A, Dengler R, Weissenborn K, Rasmussen BM, Ørskov L, Watson J, Owen G, Barrett G, Ingleby J, Weiss M, Deary I, Cavan D, Kerr D, Bruneii A, Cuce' A, Elsing HG, Kühne D, Quinn ND, Warner DP, Buysschaert M, Jamal R, O'Brien T, Latare P, Mullen J, Rein A, Wargo M, Parkes JL, Ginsberg B, Sotiropoulos A, Peppas TA, Kotsini V, Apostolou O, Bousboulas S, Michailidis E, Sawala M, Pappas S, Nilsson PM, Nilsson JÅ, Berglund G, Molins T, Esteban JI, Genescà J, Paris I, Haufroid V, Selvais P, Petit JM, Duong M, Grappin M, Guiguet M, Rudoni S, Portier H, Brun JM, Bagg W, Plank L, Drury PL, Sharpe N, Braatvedt GD, Carrascosa JM, Molero JC, Fermín Y, Andrés A, Satrustegui J, Rietzsch H, Patzak A, Schwanebeck U, Simpson H, Robertson-Mackay F, Montegriffo E, Fox C, Chiasson JL, Josse RG, Dorman JM, Gerstein HC, Lau D, Leiter LA, Maheux P, Meneilly GS, Murphy L, Rodger NW, Ross SA, Ryan E, Yale JF, Wolever TM, Haller T, Elias I, Segal P, Standi E, Rybka J, Sencer E, Satman I, Schlcnzka A, Vakkilainen J, Tsaglis H, Ioannidis I, Giakoumaki A, Amantou A, Komitopoulos N, Georgiou S, Varsamis E, Katsilambros N, El Gayar M, Shereba N, Botros R, Fikry R, Jackson D, Balme M, Silva-Nunes J, Alves J, Bogalho P, Gardete-Correia L, Nunes-Corrêa J, Kot'átková A, Němcová D, Vrbíková J, Zamrazil V, Meyer L, Delbachian I, Lehert P, Cugnardey N, Drouin P, Guerci B, Wagner OF, Jones NP, Vallance SE, Thompson KA, Miller AK, Inglis AM, Patterson S, Jorkasky D, Freed MI, Mathisen AL, Schneider R, Rubin C, Houser V, Beebe KL, Kortboyer JM, Eckland DJ, Cranmer H, Mori Y, Kurokawa N, Komiya H, Horikoshi H, Yokoyama J, Tajima N, Ikeda Y, Bakst A, Hemyari P, Lönnqvist F, Owen S, Vikramadithyan RK, Chakrabarti R, Misra P, Prem Kumar M, Sunil Kumar KB, Ghosh A, Rajagopalan R, Goldstein B, Katoh S, Tsuruoka N, Hata S, Matsushima M, Ikemoto S, Inoue Y, Edwards G, Fonseca V, Biswas N, Bakris G, Viberti G, Rebuck AS, Weill S, Abel MG, Klappoth W, Brodesser A, Linkeschowa R, Pushparaj P, Tan CH, Tan BK, Bahner A, Parker J, Waite G, Lipson V, Nahar N, Rokeya B, Parveen S, Nur-E-Alam M, Mosihuzzaman M, Hansen AK, Lepore M, Kurzhals R, Pampanelli S, Fanelli CG, Bolli GB, Ratner RE, Hirsch IB, Mecca TE, Wilson CA, Mohideen P, Mudaliar S, Deutsch R, Ciaraldi T, Armstrong D, Kim B, Morrill B, Sha X, Henry R, Meyer BH, Scholtz HE, van Niekerk N, Rosenkranz B, Schoenle E; HOE 901/3003 study group, Witthaus E, Bradley C, Stewart J, Barbeau M, Myers S, Flora D, DiMarchi R, Chance R, Plum A, Larsen PS, Larsen UD, Kristensen JB, Jansen JA, Olsen B, Mortensen H, Hylleberg B, Jacobsen LV, Gall MA, Søgaaard B, Ewing FM, Ireland RH, Hoogwerf B, Raskin P, Jovanovic L, Leiter L, Boss AH, Bott U, Ebrahim S, Hirschberger S, Leukel P, Sieber HJ, McGill J, Kilo C, Kamp NM, Wutte A, Le Thai F, Balarac N, Allicar MP, Cazeneuve B, Augendre B, Wise SD, Seah ES, Koivisto V, Torlone E, Del Sindaco P, Ciofetta M, Hedman C, Orre Pettersson AC, Lindström T, Cernigoi AM, Kong N, Kitchen MM, Ryder RE, Petkova M, Angelova-Gateva P, Malone J, Arora V, Bue-Valleskey J, Pein M, Diebler F, Roach P, Gudat U, Dreyer M, Hanusch U, Ristic S, McLeod J, Hirschberg Y, Garreffa S, Keilson L, Mather S, Gagen K, Chen W, Dragonas N, Chuang LM, Juang JH, Wu HP, Chiang YD, Li KL, Jorgensen LN, Tai TY, Cheatham WW, Kennedy F, Woo V, Jain R, Boss A, Moses R, Clauson P, Fischer T, Björk S, Østergaard A, Langendorf KW, Hatorp V, Hasslacher C, Farrar NS, Chambers NJ, Denyer GS, Johnston GA, Hashiguchi S, Jönsson A, Hallengren B, Rydberg T, Herbaut C, Turc A, Mourand I, Chevassus H, Molinier N, Christensen AL, Mathiesen ER, Stage E, Damm P, Boivin S, Gross P, Pennington M, Harder T, Kohlhoff R, Dörner G, Rohde W, Plagemann A, Ferdeghini M, Murru S, Maffei M, Cecchetti P, Dunne

F, Brydon P, Smith T, Proffitt M, Holder R, Gee H, Goulis DG, Teoh TG, Asatiani N, Elphick A, Natsvlishvili M, Chanturia T, Shelestova E, Ramazashvili M, Hod M, Cederberg J, Casi AL, Pampfer S, De Hertogh R, Hinck L, Aly S, Bertie J, Botta RM, Imbergamo MP, Impiccihè MG, Todaro B, Greco D, Ekblom P, Clausen P, Feldt-Rasmussen U, Feldt-Rasmussen B, Mølsted Pedersen L, Nørgaard K, Svenningsen A, Nielsen L, Zmudzińska M, Ziętek I, Min Y, Crawford MA, Bozzoni F, Corubolo C, Borrello E, Di Biase N, Spagnolo S, Hawthorne G, Sen D, Bagust A; Northern Diabetic Pregnancy Survey, Maier W, Currie CJ, Sailesh S, Patel V, Hayes D, Cockrill B, Gatling W, Budd S, Mullee MA, Savill AW, Smithers MG, Davies RR, Sandford A, Stutz L, Vadstrup S, Simonsen V, Musaeus L, Molsing B, Lyholm B, Turner BC, Jenkins E, Hejlesen OJ, Andreassen S, Hovorka R, Cavan DA, Klinge A, Strauss KW, Guthrie R, Testa M, Zimmerman R, Sandberg M, Steinfatt H, Hardenberg R, Gottsmann M, König A, Schmauß S, Hierl FX, Renders CM, Valk GD, van Eijk JT, van der Wal G, Jermendy G, Hídvégi T; Hungarian HbA1c Screening Study Group, Müller UA, Junghänel J, Köhler S, Köhler C, Schumann M, Use G, de Valk HW, Blankestijn JG, de Bruin HJ, Bottomley J, Gillam S, Holmes J, Murphy M; TARDIS Steering Committee and UK centres, Madani SF, Müller R, Hunger Dathe W, Grüßer M, Roien D, Hussain M, Vibe-Petersen J, Braun A, Schiel R, Höfer A, Leppert K, Trento M, Passera P, Tomalino M, Bajardi M, Vaccari P, Pagnozzi F, Pomero F, Molinatti GM, Porta M, Blaauwwekel EE, Hania M, Scholten-Jaegers SM, Links TP, Perciun R, Dumitrescu C, Skeie S, Thue G, Sandberg S, Nordfeldt S, Ludvigsson J, García R, Suárez R, Henry JL, Kangas M, Wilson PH, Pibernik M, Szabo S, Metelko Ž, González-Clemente JM, Galdon G, De Pedro B, Fontanals L, Miñarro A, Topsever P, Azik A, Karşıdağ K, Dündar Y, Şengül A, Vileikyte L, Apostolou T, Tomenson B, Bundy CH, Gokal R, Gormley DA; WHO/IDF Patient Empowerment Workshop, Baksi AK, Hrachovinová T, Csémy L, Bartásková D, Krch FD, Gåfvels MC, Lithner F, Branchtein L, Matos MC, Gaio D, Yamashita T, Pousada JM, Duncan BB, Schmidt MI; Brazilian Gestational Diabetes Study Group, Buchanan TA, Xiang AH, Tan S, Peters RK, Trigo E, Kjos SL, Lee WP, Azen S, Illic S, Mezic J, Pettitt DJ, Bastyr EJ, Camps I, Salcedo MD, Rius F, Rubio M, Baptista C, Martins T, Ruas MM, Acosta D, Cerrillos L, Soto A, Quijada D, Morales F, Silva H, García-Hernandez N, Villamil F, Astorga R, Selby PL, Jude EB, Biggs AM, Al-Sabbagh S, Kumar S, Rowbotham J, McKenzie WE, Dodson PM, Barnett AH, Maresh M, Alevizaki M, Anastasiou E, Grigorakis SI, Philippou G, Michalopoulou G, Souvatzoglou A, Corcoy R, Pau E, Pascual E, García-Patterson A, Albareda ML, Ccrmeño J, Altirriba O, Adelantado JM, Ubeda J, Endocrinologia S, Reichelt AJ, Nucci L, Teixeira MM, Costa-E-Forti A, Ciampalini P, Giannone G, Benedetti S, Borrelli P, Czerniawska M, Manowska B, Rami B, Schober E, Hueppe A, Granditsch G, Huber W, Bittmann B, Jaeger A, Saukkonen T, Väisänen S, Savilahti E; Childhood Diabetes in Finland Study Group, Šumník Z, Kotalová R, Loudová M, Cinek O, Šnajderová M, Kolousková S, Vavřinec J, Barbato M, Viola T, Formisano M, Hovind P, Adler IA; UK Prospective Diabetes Study Group, Makita Z, Takeuchi M, Kamada Y, Koike T, Courrèges JP, Pradier P, Bacha J, Aboud E, André L, Lamarca R; Service of internal medicine - diabetologia - vascular diseases, Janeczko-Sosnowska E, Lewandowski Z, Janeczko D, Kopczyński J, Nakagami T, Tomonaga O, Babazono T, Iwamoto Y, Nakanishi K, Higa M, Kosugi E, Elving LD, Szadkowska A, Mirecka MW, Czerniawska E, Weekers L, Hadjadj S, Belloum R, Gallois Y, Bouhanick B, Marre M, Saucha W, Skwarna B, Zychma M, Żukowska-Szczechowska E, Zychma MJ, Zukowska-Szczechowska E, Nazim J, Dziatkowiak H, Sanak M, Cieślik G, Nannipieri M, Viberti GC, De Cosmo S, Piras G, Errannini E, Uchigata Y, Miura J, Okada T, Gong JS, Zhang J, Tanaka M, Wamoto Y, Zucaro L, Bacci S, Miscio G, Thomas M, Piras GP, Cavallo Perin P, Mauer M, Barzon I, Bortoloso E, Saller A, Crepaldi G, Latif ZA, Christensen PK, V Larsen S, Olsen S, Bombonato G, Sacerdoti D, Chiesura-Corona M, Marangon A, Rudberg S, Rasmussen L, Bangstad HJ, Össterby R, Sivous GI, Kasatkina EP, Demurov LM, Nosikov VV, Kotova AK, Kuraeva TL, Mishina II, Gorashko NM, Nosicov VV, Petercova VA, Berrut G, Alhenc-Gelas F, Tsimaratos M, Gerbi A, Barone R, Ollerton RL, Playle RA, Luzio SD, Evans WD, Burch A, Siebenhofer A, Meinitzer A, Brandmaier H, Brunner G, Plank J, West P, Tindall H, McKenna K, Smith D, Tormey W, Kesson CM, Thompson CJ, Penno G, Anichini R, Bandinelli S, Boldrini E, Giannarelli R, Piazza F, Pucci L, Karunakaran S, Morris RJ, Nádas J, Farkas K, Daróczy A, Péterfai É, Svensson M, Weigert C, Facchin S, Gambaro G, Brodbeck K, Schleicher E, Tada H, Nomura K, Kuboki K, Tsukamoto M, Inokuchi T, Menè P, Pugliese F, Iino K, Yoshinari M, Iwase M, Asano T, Sonoki K, Wakisaka M, Takata Y, Ujishima M, Del Prete D, Anglani F, Antonucci F, Mauri JM,

Vallés M, Gutiérrez C, Vendrell J, Shinada M, Akdeniz A, Panagiotopoulos P, Bach LA, Law VA, Lecomte PP, Yokota C, Okuda Y, Odawara M, Yamashita K, Yamada N, Kawai K, Açbay Ö, Mazlum A, Kural E, Gündoğdu S, Jensen C, Körner A, Eklöf AC, Jaremko G, Lal M, DiBona G, Aperia A, Yavuz DG, Tuncer M, Sargon M, Küçükkaya B, Ahiskalı R, Akalın S, Nohara E, Oates PJ, Ellery CA, Yonem A, Azal O, Cakır B, Erdogan MF, Corakcý A, Ozdemir IC, Stevens RJ, Yudkin JS, Webber J, Wheeler DC, Taylor KG, Jones SL, Srivatsa A, Anderson SG, Cruikshank JK, Florkowski CM, Scott RS, Graham PJ, Moir CL, Flores C, Ruggenenti P, Dodesini AR, Vasile B, Gaspari F, Arnoldi F, Ferrari S, Ciocca I, Spalluzzi A, Remuzzi G, Delvigne C, Ballaux D, Bosman DR, Winkler AS, Marsden J, Watkins PJ, Strutton D, Erbey JR, Jacobsen P, Rossing K, Jensen JS, Mansfield MW, Kowalska I, Telejko B, Bachórzewska-Gajewska A, Prokop J, Kochman W, Musiał W, Naskręt D, Oleksa R, Zozulińska D, Sowiński J, Wierusz-Wysocka B, Klamann A, Jonas M, Müller-Lung U, Heuser L, Launhardt V, Valensi P, Pariès J, Torremocha F, Brulport V, Sachs RN, Vanzetto G, Levy M, Lormeau B, Halimi S, Perforinis A, Boumal D, Zimmermann C, Bernard Y, Sabbah A, Meneveau N, Gautier S, Bassand JP, Anděl M, Kraml P, Potočková J, Dvořáková H, Trešlová L, Nuttall SL, Martin U, Kendall MJ, Schiaffini R, Pantaleo A, Battocletti T, Vaccari V, Brufani C, Martuscelli E, Gargiulo P, Niesznar E, Posa I, Kocsis E, Préda I, Pogatsa G, Koltai MZ, Stefanidis A, Manoussakis S, Handanis S, Zairis M, Vitalis D, Dadiotis L, Fiorina P, La Rocca E, Astorri E, Rossetti C, Lucignani G, Giudici D, Castoldi R, Mazarakis N, Giagiakou E, Karavidas A, Agellou A, Karamani O, Matsakas E, Caviezel F, Morricone L, Ranucci M, Denti S, Cazzaniga A, Enrini R, Isgrò G, González de Molina FJ, Sala J, Masià R, Marrugat J, Kruszewski P, Wolnik B, Bieniaszewski L, Świerblewska E, Semetkowska-Jurkiewicz E, Krupa-Wojciechowska B, Vasilikos PG, Alaveras AE, Anastasopoulos NG, Chala E, Sidira M, Christakopoulos PD, Poulsen PL, Hansen KW, Ebbelhøj E, Knudsen ST, Mogensen CE, Ramu Y, Vidyullatha Y, Strojek K, Gorska J, Morawin E, Ritz E, Ciavarella A, Malini PL, Strocchi E, Fiumi N, Ambrosioni E, Idzior-Waluś B, Stevens L, McEneny J, O'Kane MJ, Moles KW, McMaster C, Young IS, Leonhardt W, Konstadelou E, Gürlek A, Soedamah-Muthu S, Taskinen MR, Ehnholm C, Wägner A, Bayen L, Rigla M, Ortega E, Caixàs A, Mestrón A, Ordóñez J, Pérez A, Sotiropoulou G, Servais PL, Bertolotto A, Pilo M, Suchánková G, Andratschke S, Tschöp M, Strasburger CJ, Rizzo L, Aerts P, Vinckx M, Ansquer JC, Ryan M, Buter H, Navis GJ, de Jong PE, de Zeeuw D, Carreras G, Giménez G, Pou JM, Howorka K, Gabriel M, Pumplra J, Köves A, Bhowmik NB, Haque A, Rahman A, Paleari F, Gamba P, Mauri G, Rovaris G, Giannattasio C, Piatti ML, Zincone A, Cavaletti G, Mancina G, Lan S, Arezzo J, Gerber RA, Klioze SS, Saponara C, Tartaglione T, Cercione S, Caputo S, Meloni T, Brunetti D, Di Lazzaro V, Xu G, Jiang HY, Shy ME, Sugimoto K, Zhang WX, Kuchmerovskaya T, Donchenko G, Shymansky I, Kuchmerovsky N, Pakyrbaeva L, Cameron NE, Keegan A, Cotter MA, Mirrlees D, Smale SE, Biessels GJ, Duis SE, Kamal A, Gispen WH, Carrington A, Carman S, Smiarowski H, Lavoie D, Sawicki D, Sabetta A, Litchfield J, Van Zandt M, Sredy J, Smirnova V, Stokov I, Ivanova L, Ichunina A, Nakamura J, Nakayama M, Hamada Y, Chaya S, Kato K, Kasuya Y, Mizubayashi R, Miwa K, Yasuda Y, Kamiya H, Hotta N, Bíró K, Kukorelli T, Szilágyi N, Kürthy M, Komáromy A, Mogyrosi T, Nagy K, Çakir M, Baskal N, Güllü S, Elhan AH, Erdogan G, Ziegler D, Piolot R, Neubauer J, Senesi B, Bonetti R, Napolitano A, Canepa F, Ottonello P, Schabmann A, Giménez-Pérez G, Arroyo JA, López T, Ponz E, Mauricio D, Diem P, Zanchin L, Suter SL, Lefrandt JD, Smit A, van Roon AM, Dullaart R, Voita D, Mackevics V, Vitols A, Lengyel C, Farkas G, Török T, Légrády P, Várkonyi TT, Kardos A, Gingl Z, Kempler P, Rudas L, Lonovics J, Marchand M, Stevens LK, Tarnás G; EURODIAB IDDM Study Group, Estrella F, Christensen NJ, Keresztes K, Barna I, Hermányi Z, Vargha P, Bonnevie L, Chanudet X, Larroque P, Tutuncu NB, Deger A, Batur MK, Yildirim A, Onalan O, Aksöyek S, Kabakçı G, Erbaş T, Galicka-Latała D, Surdacki A, Gerritsen J, TenVoorde BJ, Heethaar RM, Tagawa TS, Kodama M, Yoshioka R, Yamasaki Y, Didangelos T, Athyros V, Kontopoulos A, Papageorgiou A, Karamitsos D, Lacigová S, Rušavý Z, Kárová R, Perrild H, Kay L, Jørgensen T, Bień AI, Witek P, Geraldine E, Rodrigues D, Pereira L, Doménech A, Leitão P, Anagnostopoulos D, Foster AV, Nag S, Barsoum M, Lewis G, Dunlop N, Connolly V, Bilous R, Kelly W, Chantelau E, Gede A, Sharman D, O'Halloran D, Best C, Abbas ZG, Lutale J, Gill GV, Jarvis WR, Archibald LK, Corcoran S, Mansell J, Pibworth L, Terada H, Shiba T, Utugi N, Utugi T, Blum M, Strobel J, Höffken K, Razvi FM, Kritzing EE, Taylor K, Jones S, Illahi W, Grüßer M, Hartmann P, Hoffstadt K, van Leiden HA, Moll AC, Polak BC, Pietragalla GB, Maurino M, Montanaro M, Karadeniz Ş, Tommasini P,

Quadrini C, Demiraj V, Rispoli E, Ota A, Takama H, Saito N, Hemández C, Lepore D, Antico L, Giardina B, Franconi F, Michoud E, Chamot S, Riva C, Hammes HP, Renner O, Breier G, Lin J, Alt A, Betzholtz C, Bretzel RG 3rd, Manti R, Gallo M, Molinar Hin A, Brignardello E, Boccuzzi G, Li S, Xiang K, Zhang R, Shangguan X, Wu J, Donnan PT, Broomhall J, Hunter K, Morris AD; DARTS/MEMO Collaboration, Ioannidis G, Peppia M, Rontogianni E, Kallifronas M, Lekatsas I, Chrysanthopoulou G, Anthopoulos L, Kesse M, Thalassinou N, Neves C, Medina JL, Lopes F, Yilmaz M, Güvener N, Güvener M, Kocagöz T, Böke E, Paşaoğlu I, Bascil Tutuncu N, Oto A, Karvonen MK, Koulu M, Pesonen U, Mercuri M, Rauramaa R; Pittsburgh Epidemiology of Diabetes Complications (EDC) Study, Rutter MK, Kestevan P, McComb JM, Marshall SM, Sobieska M, Wiktorowicz K, Kanter SD, Banga JD, Algra A, Frijns CJ, Beutler JJ, Fijnheer R, Nicoloff G, Baydanoff S, Stanimirova N, Petrova C, Lario S, Campistol JM, Cases A, Clària J, Iñigo P, Esmatjes E, Sárman B, Tóth M, Kocsis I, Somogyi A, Bumbure A, Jachimowicz K, Samson J, Tomasiak M, Sobol A, Stańczyk L, Watała C, Stradina P, Wiśniewska-Jarosińska M, Marciniak D, Więclawska B, Watała C, Golański J, Zinnat R, Mahmud I, Büyükasik Y, Demiroğlu H, Szczepanik A, Skowroński M, Murawska A, Meeking DR, Allard S, Munday J, Chowienicz P, Shaw KM, Cummings MH, Šimková R, Jirsa M, Hadoke PW, McIntyre CA, Jones GC, Williams BC, Elliott AI, McKnight JA, Pernow J, Bombonato GC, Finucci GF, Zotta L, Senses V, Ozyazgan S, Ince E, Tunçdemir M, Öztürk M, Sultuybek G, Akkan AG, Özyazgan S, Unlüceri Y, Bekpınar S, Meyer MF, Lee BC, Shore AC, Humphreys JM, Tooke JE, Dell'Omo G, Giovannitti G, Caricato F, Mariani M, Pedrinelli R, Kiviet-Boehm C, Schwelling V, Matthäi S, Pfohl M, McInerney D, Itoh H, Ohno T, Katoh N, Baumgartner-Parzer S, Artwohl M, Graier W, Ludwig C, Tachi Y, Bannai C, Shinohara M, Shimpuku H, Ohura K, Bertacca A, Sasvári M, Szaleczki E, Pusztai P, Boes U, Klaus E, Dittrich P, Wagner Z, Wittmann I, Pótó L, Wagner L, Mazák I, Nagy J, Feletto F, Taboga C, Tonutti L, Lizzio S, Russo A, Selmo V, Ceriallo A, Lekakis J, Papamichael CM, Stamatelopoulos K, Stamatelopoulos S, Yillar DO, Gay M, Lillaz E, Passaro A, Vanini A, Calzoni F, D'Elia K, Carantoni M, Zuliani G, Fellin R, Solini A, Chwatko G, Bald E, Dramais AS, Wallemacq PE, Vandeleene B, Ciaria MV, Ariano M, Strom R, Gibney J, Weiss U, Turner B, O'Gorman P, Watts G, Powrie J, Crook M, Shaw K, Cummings M. 35th Annual Meeting of the European Association for the Study of Diabetes : Brussels, Belgium, 28 September-2 October 1999. *Diabetologia*. 1999 Aug;42(Suppl 1):A1-A330. PubMed PMID: 27770183.

327: Schültke E, Hampl JA, Jatzwauk L, Krex D, Schackert G. An easy and safe method to store and disinfect explanted skull bone. *Acta Neurochir (Wien)*. 1999;141(5):525-8. PubMed PMID: 10392210.

328: Resch KD. Minimally invasive techniques in neurosurgery: the transoral transpharyngeal approach to the brain. *Neurosurg Rev*. 1999;22(1):2-25; discussion 26-7. PubMed PMID: 10348203.

329: Sobottka SB, Frank S, Hampl M, Schackert HK, Schackert G. Multiple intracerebral haemangioblastomas in identical twins with von Hippel-Lindau disease—a clinical and molecular study. *Acta Neurochir (Wien)*. 1998;140(3):281-5. PubMed PMID: 9638266.

330: Sobottka SB, Schackert G, May SA, Wiegand M, Reiss G. Intraoperative facial nerve monitoring (IFNM) predicts facial nerve outcome after resection of vestibular schwannoma. *Acta Neurochir (Wien)*. 1998;140(3):235-42; discussion 242-3. PubMed PMID: 9638260.

331: Frank S, Rihs HP, Stöcker W, Müller J, Dumont B, Baur X, Schackert HK, Schackert G. Combined detection of CD44 isoforms by exon-specific RT-PCR and immunohistochemistry in primary human brain tumors and brain metastases. *Biochem Biophys Res Commun*. 1996 May 24;222(3):794-801. PubMed PMID: 8651925.

332: Klimpel V. [Hans Bernhard Sprung (1906-1963) in Dresden and his students]. *Chirurg*. 1995 Aug;66(8):829-33. German. PubMed PMID: 7587550.

333: Hampl J, Schierholz J, Jansen B, Aschoff A. In vitro and in vivo efficacy of a rifampin-loaded

silicone catheter for the prevention of CSF shunt infections. Acta Neurochir (Wien). 1995;133(3-4):147-52. PubMed PMID: 8748757.

334: Kerkmann ML, Blaschke-Hellmessen R, Mikulin HD. Successful treatment of cerebral aspergillosis by stereotactic operation and antifungal therapy. Mycoses. 1994 Mar-Apr;37(3-4):123-6. PubMed PMID: 7845417.

335: Reiss G, Andersch G, Handrick W, Kellner C, Koy J, Pinzer T, Schaps P. Percutaneous burrhole trephination of the skull: a study of 519 cases. Neurosurg Rev. 1994;17(3):181-4. PubMed PMID: 7838394.

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