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1: Lauermann P, Klingelhöfer A, Mielke D, van Oterendorp C, Hoerauf H, Striebe NA, Storch MW, Pfeiffer S, Koscielny J, Sucker C, Bemme S, Feltgen N. Risk factors for Severe Bleeding Complications in Vitreoretinal Surgery and the Role of Antiplatelet or Anticoagulant Agents. *Ophthalmol Retina*. 2021 Apr 26:S2468-6530(21)00133-0. doi: 10.1016/j.oret.2021.04.013. Epub ahead of print. PMID: 33915331.

2: Aytulun A, Cruz-Herranz A, Aktas O, Balcer LJ, Balk L, Barboni P, Blanco AA, Calabresi PA, Costello F, Sanchez-Dalmau B, DeBuc DC, Feltgen N, Finger RP, Frederiksen JL, Frohman E, Frohman T, Garway-Heath D, Gabilondo I, Graves JS, Green AJ, Hartung HP, Havla J, Holz FG, Imitola J, Kenney R, Klistorner A, Knier B, Korn T, Kolbe S, Krämer J, Lagrèze WA, Leocani L, Maier O, Martínez-Lapiscina EH, Meuth S, Outteryck O, Paul F, Petzold A, Pihl-Jensen G, Preiningerova JL, Rebolleda G, Ringelstein M, Saidha S, Schippling S, Schuman JS, Sergott RC, Toosy A, Villoslada P, Wolf S, Yeh EA, Yu-Wai-Man P, Zimmermann HG, Brandt AU, Albrecht P. The APOSTEL 2.0 Recommendations for Reporting Quantitative Optical Coherence Tomography Studies. *Neurology*. 2021 Apr 28;10.1212/WNL.0000000000012125. doi: 10.1212/WNL.0000000000012125. Epub ahead of print. PMID: 33910937.

3: Guo S, Wang Z, Kang X, Xin W, Li X. A Meta-Analysis of Endoscopic vs. Microscopic Transsphenoidal Surgery for Non-functioning and Functioning pituitary neuroendocrine tumors: Comparisons of Efficacy and Safety. *Front Neurol*. 2021 Mar 23;12:614382. doi: 10.3389/fneur.2021.614382. PMID: 33833725; PMCID: PMC8021708.

4: Wu J, Zhang J, Xu T, Pan Y, Cui B, Wei W, Gao Y, Yu H, Huang Q, Long XQ, Zhou YF. The necessity or not of the addition of fusion to decompression for lumbar degenerative spondylolisthesis patients: A PRISMA compliant meta-analysis. *Medicine (Baltimore)*. 2021 Apr 9;100(14):e24775. doi: 10.1097/MD.00000000000024775. PMID: 33832066; PMCID: PMC8036092.

5: Fiss I, Mielke D, Rohde V, Psychogios M, Schilling C. Correlation between different instrumentation

variants and the degree of destabilization in treating cervical spondylotic spinal canal stenosis by unilateral hemilaminectomy with bilateral decompression: a biomechanical investigation. *Eur Spine J*. 2021 Mar 10. doi: 10.1007/s00586-021-06773-9. Epub ahead of print. PMID: 33689037.

6: Mestre TA, Fereshtehnejad SM, Berg D, Bohnen NI, Dujardin K, Erro R, Espay AJ, Halliday G, van Hilten JJ, Hu MT, Jeon B, Klein C, Leentjens AFG, Marinus J, Mollenhauer B, Postuma R, Rajalingam R, Rodríguez-Violante M, Simuni T, Surmeier DJ, Weintraub D, McDermott MP, Lawton M, Marras C. Parkinson's Disease Subtypes: Critical Appraisal and Recommendations. *J Parkinsons Dis*. 2021;11(2):395-404. doi: 10.3233/JPD-202472. PMID: 33682731.

7: Klionsky DJ, Abdel-Aziz AK, Abdelfatah S, Abdellatif M, Abdoli A, Abel S, Abeliovich H, Abildgaard MH, Abudu YP, Acevedo-Arozena A, Adamopoulos IE, Adeli K, Adolph TE, Adornetto A, Aflaki E, Agam G, Agarwal A, Aggarwal BB, Agnello M, Agostinis P, Agrewala JN, Agrotis A, Aguilar PV, Ahmad ST, Ahmed ZM, Ahumada- Castro U, Aits S, Aizawa S, Akkoc Y, Akoumianaki T, Akpinar HA, Al-Abd AM, Al-Akra L, Al-Gharaibeh A, Alaoui-Jamali MA, Alberti S, Alcocer-Gómez E, Alessandri C, Ali M, Alim Al-Bari MA, Aliwaini S, Alizadeh J, Almacellas E, Almasan A, Alonso A, Alonso GD, Altan-Bonnet N, Altieri DC, Álvarez EMC, Alves S, Alves da Costa C, Alzaharna MM, Amadio M, Amantini C, Amaral C, Ambrosio S, Amer AO, Ammanathan V, An Z, Andersen SU, Andrabi SA, Andrade-Silva M, Andres AM, Angelini S, Ann D, Anozie UC, Ansari MY, Antas P, Antebi A, Antón Z, Anwar T, Apetoh L, Apostolova N, Araki T, Araki Y, Arasaki K, Araújo WL, Araya J, Arden C, Arévalo MA, Arguelles S, Arias E, Arikath J, Arimoto H, Ariosa AR, Armstrong-James D, Arnauné-Pelloquin L, Aroca A, Arroyo DS, Arsov I, Artero R, Asaro DML, Aschner M, Ashrafizadeh M, Ashur-Fabian O, Atanasov AG, Au AK, Auburger P, Auner HW, Aurelian L, Autelli R, Avagliano L, Ávalos Y, Aveic S, Aveleira CA, Avin-Wittenberg T, Aydin Y, Ayton S, Ayyadevara S, Azzopardi M, Baba M, Backer JM, Backues SK, Bae DH, Bae ON, Bae SH, Baehrecke EH, Baek A, Baek SH, Baek SH, Bagetta G, Bagniewska-Zadworna A, Bai H, Bai J, Bai X, Bai Y, Bairagi N, Baksi S, Balbi T, Baldari CT, Balduini W, Ballabio A, Ballester M, Balazadeh S, Balzan R, Bandopadhyay R, Banerjee S, Banerjee S, Bánrétí Á, Bao Y, Baptista MS, Baracca A, Barbat C, Bargiela A, Barilà D, Barlow PG, Barmada SJ, Barreiro E, Barreto GE, Bartek J, Bartel B, Bartolome A, Barve GR, Basagoudanavar SH, Bassham DC, Bast RC Jr, Basu A, Batoko H, Batten I, Baulieu EE, Baumgarner BL, Bayry J, Beale R, Beau I, Beaumatin F, Bechara LRG, Beck GR Jr, Beers MF, Begun J, Behrends C, Behrens GMN, Bei R, Bejarano E, Bel S, Behl C, Belaid A, Belgareh-Touzé N, Bellarosa C, Belleudi F, Belló Pérez M, Bello- Morales R, Beltran JSO, Beltran S, Benbrook DM, Bendorius M, Benitez BA, Benito-Cuesta I, Bensalem J, Berchtold MW, Berezowska S, Bergamaschi D, Bergami M, Bergmann A, Berliocchi L, Berlioz-Torrent C, Bernard A, Berthoux L, Besirli CG, Besteiro S, Betin VM, Beyaert R, Bezbradica JS, Bhaskar K, Bhatia-Kissova I, Bhattacharya R, Bhattacharya S, Bhattacharyya S, Bhuiyan MS, Bhutia SK, Bi L, Bi X, Biden TJ, Bijian K, Billes VA, Binart N, Bincoletto C, Birgisdottir AB, Bjorkoy G, Blanco G, Blas-Garcia A, Blasiak J, Blomgran R, Blomgren K, Blum JS, Boada-Romero E, Boban M, Boesze-Battaglia K, Boeuf P, Boland B, Bomont P, Bonaldo P, Bonam SR, Bonfili L, Bonifacino JS, Boone BA, Bootman MD, Bordi M, Borner C, Bornhauser BC, Borthakur G, Bosch J, Bose S, Botana LM, Botas J, Boulanger CM, Boulton ME, Bourdenx M, Bourgeois B, Bourke NM, Bousquet G, Boya P, Bozhkov PV, Bozi LHM, Bozkurt TO, Brackney DE, Brandts CH, Braun RJ, Braus GH, Bravo-Sagua R, Bravo-San Pedro JM, Brest P, Bringer MA, Briones-Herrera A, Broaddus VC, Brodersen P, Brodsky JL, Brody SL, Bronson PG, Bronstein JM, Brown CN, Brown RE, Brum PC, Brumell JH, Brunetti-Pierri N, Bruno D, Bryson-Richardson RJ, Bucci C, Buchrieser C, Bueno M, Buitrago-Molina LE, Buraschi S, Buch S, Buchan JR, Buckingham EM, Budak H, Budini M, Bultynck G, Burada F, Burgoyne JR, Burón MI, Bustos V, Büttner S, Butturini E, Byrd A, Cabas I, Cabrera-Benitez S, Cadwell K, Cai J, Cai L, Cai Q, Cairó M, Calbet JA, Caldwell GA, Caldwell KA, Call JA, Calvani R, Calvo AC, Calvo-Rubio Barrera M, Camara NO, Camonis JH, Camougrand N, Campanella M, Campbell EM, Campbell-Valois FX, Campello S, Campesi I, Campos JC, Camuzard O, Cancino J, Candido de Almeida D, Canesi L, Caniggia I, Canonico B, Cantí C, Cao B, Caraglia M, Caramés B, Carchman EH, Cardenal-Muñoz E, Cardenas C, Cardenas L, Cardoso SM, Carew JS, Carle GF, Carleton G, Carloni S, Carmona-Gutierrez D, Carneiro LA, Carnevali O, Carosi JM, Carra S,

Carrier A, Carrier L, Carroll B, Carter AB, Carvalho AN, Casanova M, Casas C, Casas J, Cassioli C, Castillo EF, Castillo K, Castillo-Lluva S, Castoldi F, Castori M, Castro AF, Castro-Caldas M, Castro-Hernandez J, Castro-Obregon S, Catz SD, Cavadas C, Cavaliere F, Cavallini G, Cavinato M, Cayuela ML, Cebollada Rica P, Cecarini V, Cecconi F, Cechowska-Pasko M, Cenci S, Ceperuelo-Mallafré V, Cerqueira JJ, Cerutti JM, Cervia D, Cetintas VB, Cetrullo S, Chae HJ, Chagin AS, Chai CY, Chakrabarti G, Chakrabarti O, Chakraborty T, Chakraborty T, Chami M, Chamilos G, Chan DW, Chan EYW, Chan ED, Chan HYE, Chan HH, Chan H, Chan MTV, Chan YS, Chandra PK, Chang CP, Chang C, Chang HC, Chang K, Chao J, Chapman T, Charlet-Berguerand N, Chatterjee S, Chaube SK, Chaudhary A, Chauhan S, Chaum E, Checler F, Cheetham ME, Chen CS, Chen GC, Chen JF, Chen LL, Chen L, Chen L, Chen M, Chen MK, Chen N, Chen Q, Chen RH, Chen S, Chen W, Chen W, Chen XM, Chen XW, Chen X, Chen Y, Chen YG, Chen Y, Chen Y, Chen YJ, Chen YQ, Chen ZS, Chen Z, Chen ZH, Chen ZJ, Chen Z, Cheng H, Cheng J, Cheng SY, Cheng W, Cheng X, Cheng XT, Cheng Y, Cheng Z, Chen Z, Cheong H, Cheong JK, Chernyak BV, Cherry S, Cheung CFR, Cheung CHA, Cheung KH, Chevet E, Chi RJ, Chiang AKS, Chiaradonna F, Chiarelli R, Chiariello M, Chica N, Chiocca S, Chiong M, Chiou SH, Chiramel AI, Chiurchiù V, Cho DH, Choe SK, Choi AMK, Choi ME, Choudhury KR, Chow NS, Chu CT, Chua JP, Chua JJE, Chung H, Chung KP, Chung S, Chung SH, Chung YL, Cianfanelli V, Ciechomska IA, Cifuentes M, Cinque L, Cirak S, Cirone M, Clague MJ, Clarke R, Clementi E, Coccia EM, Codogno P, Cohen E, Cohen MM, Colasanti T, Colasuonno F, Colbert RA, Colell A, Čolić M, Coll NS, Collins MO, Colombo MI, Colón-Ramos DA, Combaret L, Comincini S, Cominetti MR, Consiglio A, Conte A, Conti F, Contu VR, Cookson MR, Coombs KM, Coppens I, Corasaniti MT, Corkery DP, Cordes N, Cortese K, Costa MDC, Costantino S, Costelli P, Coto-Montes A, Crack PJ, Crespo JL, Criollo A, Crippa V, Cristofani R, Csizmadia T, Cuadrado A, Cui B, Cui J, Cui Y, Cui Y, Culetto E, Cumino AC, Cybulsky AV, Czaja MJ, Czuczwar SJ, D'Adamo S, D'Amelio M, D'Arcangelo D, D'Lugos AC, D'Orazi G, da Silva JA, Dafsari HS, Dagda RK, Dagdas Y, Daglia M, Dai X, Dai Y, Dai Y, Dal Col J, Dalhaimer P, Dalla Valle L, Dallenga T, Dalmasso G, Damme M, Dando I, Dantuma NP, Darling AL, Das H, Dasarathy S, Dasari SK, Dash S, Daumke O, Dauphinee AN, Davies JS, Dávila VA, Davis RJ, Davis T, Dayalan Naidu S, De Amicis F, De Bosscher K, De Felice F, De Franceschi L, De Leonibus C, de Mattos Barbosa MG, De Meyer GRY, De Milito A, De Nunzio C, De Palma C, De Santi M, De Virgilio C, De Zio D, Debnath J, DeBosch BJ, Decuypere JP, Deehan MA, Deflorian G, DeGregori J, Dehay B, Del Rio G, Delaney JR, Delbridge LMD, Delorme-Axford E, Delpino MV, Demarchi F, Dembitz V, Demers ND, Deng H, Deng Z, Dengjel J, Dent P, Denton D, DePamphilis ML, Der CJ, Deretic V, Descoteaux A, Devis L, Devkota S, Devuyst O, Dewson G, Dharmasivam M, Dhiman R, di Bernardo D, Di Cristina M, Di Domenico F, Di Fazio P, Di Fonzo A, Di Guardo G, Di Guglielmo GM, Di Leo L, Di Malta C, Di Nardo A, Di Rienzo M, Di Sano F, Diallinas G, Diao J, Diaz-Araya G, Díaz-Laviada I, Dickinson JM, Diederich M, Dieudé M, Dikic I, Ding S, Ding WX, Dini L, Dinić J, Dinic M, Dinkova-Kostova AT, Dionne MS, Distler JHW, Diwan A, Dixon IMC, Djavaheri-Mergny M, Dobrinski I, Dobrovinskaya O, Dobrowolski R, Dobson RCJ, Đokić J, Dokmeci Emre S, Donadelli M, Dong B, Dong X, Dong Z, Dorn li GW, Dotsch V, Dou H, Dou J, Dowaidar M, Dridi S, Drucker L, Du A, Du C, Du G, Du HN, Du LL, du Toit A, Duan SB, Duan X, Duarte SP, Dubrovskaya A, Dunlop EA, Dupont N, Durán RV, Dwarakanath BS, Dyshlovoy SA, Ebrahimi-Fakhari D, Eckhart L, Edelstein CL, Efferth T, Eftekharpour E, Eichinger L, Eid N, Eisenberg T, Eissa NT, Eissa S, Ejarque M, El Andaloussi A, El-Hage N, El-Naggar S, Eleuteri AM, El-Shafey ES, Elgendy M, Eliopoulos AG, Elizalde MM, Elks PM, Elsasser HP, Elsherbiny ES, Emerling BM, Emre NCT, Eng CH, Engedal N, Engelbrecht AM, Engelsens AST, Enserink JM, Escalante R, Esclatine A, Escobar-Henriques M, Eskelinen EL, Espert L, Eusebio MO, Fabrias G, Fabrizi C, Facchiano A, Facchiano F, Fadeel B, Fader C, Faesen AC, Fairlie WD, Falcó A, Falkenburger BH, Fan D, Fan J, Fan Y, Fang EF, Fang Y, Fang Y, Fanto M, Farfel-Becker T, Faure M, Fazeli G, Fedele AO, Feldman AM, Feng D, Feng J, Feng L, Feng Y, Feng Y, Feng W, Fenz Araujo T, Ferguson TA, Fernández ÁF, Fernandez-Checa JC, Fernández-Veledo S, Fernie AR, Ferrante AW Jr, Ferraresi A, Ferrari MF, Ferreira JCB, Ferro-Novick S, Figueras A, Filadi R, Filigheddu N, Filippi-Chiela E, Filomeni G, Fimia GM, Fineschi V, Finetti F, Finkbeiner S, Fisher EA, Fisher PB, Flamigni F, Fliesler SJ, Flo TH, Florance I, Florey O, Florio T, Fodor E, Follo C, Fon EA, Forlino A, Fornai F, Fortini P, Fracassi A, Fraldi A, Franco B, Franco R, Franconi F, Frankel LB, Friedman SL, Fröhlich LF, Frühbeck G, Fuentes JM, Fujiki Y, Fujita N, Fujiwara Y, Fukuda M,

Fulda S, Furic L, Furuya N, Fusco C, Gack MU, Gaffke L, Galadari S, Galasso A, Galindo MF, Gallolu Kankanamalage S, Galluzzi L, Galy V, Gammoh N, Gan B, Ganley IG, Gao F, Gao H, Gao M, Gao P, Gao SJ, Gao W, Gao X, Garcera A, Garcia MN, Garcia VE, García-Del Portillo F, Garcia-Escudero V, Garcia-Garcia A, Garcia-Macia M, García-Moreno D, Garcia-Ruiz C, García-Sanz P, Garg AD, Gargini R, Garofalo T, Garry RF, Gassen NC, Gatica D, Ge L, Ge W, Geiss-Friedlander R, Gelfi C, Genschik P, Gentle IE, Gerbino V, Gerhardt C, Germain K, Germain M, Gewirtz DA, Ghasemipour Afshar E, Ghavami S, Ghigo A, Ghosh M, Giamas G, Giampietri C, Giatromanolaki A, Gibson GE, Gibson SB, Ginet V, Giniger E, Giorgi C, Girao H, Girardin SE, Giridharan M, Giuliano S, Giulivi C, Giuriato S, Giustiniani J, Gluschko A, Goder V, Goginashvili A, Golab J, Goldstone DC, Golebiewska A, Gomes LR, Gomez R, Gómez-Sánchez R, Gomez-Puerto MC, Gomez-Sintes R, Gong Q, Goni FM, González-Gallego J, Gonzalez-Hernandez T, Gonzalez-Polo RA, Gonzalez-Reyes JA, González-Rodríguez P, Goping IS, Gorbatyuk MS, Gorbunov NV, Görgülü K, Gorojod RM, Gorski SM, Goruppi S, Gotor C, Gottlieb RA, Gozes I, Gozuacik D, Graef M, Gräler MH, Granatiero V, Grasso D, Gray JP, Green DR, Greenhough A, Gregory SL, Griffin EF, Grinstaff MW, Gros F, Grose C, Gross AS, Gruber F, Grumati P, Grune T, Gu X, Guan JL, Guardia CM, Guda K, Guerra F, Guerri C, Guha P, Guillén C, Gujar S, Gukovskaya A, Gukovsky I, Gunst J, Günther A, Guntur AR, Guo C, Guo C, Guo H, Guo LW, Guo M, Gupta P, Gupta SK, Gupta S, Gupta VB, Gupta V, Gustafsson AB, Gutterman DD, H B R, Haapasalo A, Haber JE, Hać A, Hadano S, Hafrén AJ, Haidar M, Hall BS, Halldén G, Hamacher-Brady A, Hamann A, Hamasaki M, Han W, Hansen M, Hanson PI, Hao Z, Harada M, Harhaji-Trajkovic L, Hariharan N, Haroon N, Harris J, Hasegawa T, Hasima Nagoor N, Haspel JA, Haucke V, Hawkins WD, Hay BA, Haynes CM, Hayrabyan SB, Hays TS, He C, He Q, He RR, He YW, He YY, Heakal Y, Heberle AM, Hejtmancik JF, Helgason GV, Henkel V, Herb M, Hergovich A, Herman-Antosiewicz A, Hernández A, Hernandez C, Hernandez-Diaz S, Hernandez-Gea V, Herpin A, Herreros J, Hervás JH, Hesselson D, Hetz C, Heussler VT, Higuchi Y, Hilfiker S, Hill JA, Hlavacek WS, Ho EA, Ho IHT, Ho PW, Ho SL, Ho WY, Hobbs GA, Hochstrasser M, Hoet PHM, Hofius D, Hofman P, Höhn A, Holmberg CI, Hombrebueno JR, Yi-Ren Hong CH, Hooper LV, Hoppe T, Horos R, Hoshida Y, Hsin IL, Hsu HY, Hu B, Hu D, Hu LF, Hu MC, Hu R, Hu W, Hu YC, Hu ZW, Hua F, Hua J, Hua Y, Huan C, Huang C, Huang C, Huang C, Huang C, Huang C, Huang H, Huang K, Huang MLH, Huang R, Huang S, Huang T, Huang X, Huang YJ, Huber TB, Hubert V, Hubner CA, Hughes SM, Hughes WE, Humbert M, Hummer G, Hurley JH, Hussain S, Hussain S, Hussey PJ, Hutabarat M, Hwang HY, Hwang S, Ieni A, Ikeda F, Imagawa Y, Imai Y, Imbriano C, Imoto M, Inman DM, Inoki K, Iovanna J, Iozzo RV, Ippolito G, Irazoqui JE, Iribarren P, Ishaq M, Ishikawa M, Ishimwe N, Isidoro C, Ismail N, Issazadeh-Navikas S, Itakura E, Ito D, Ivankovic D, Ivanova S, Iyer AKV, Izquierdo JM, Izumi M, Jäätelä M, Jabir MS, Jackson WT, Jacobo-Herrera N, Jacomin AC, Jacquin E, Jadia P, Jaeschke H, Jagannath C, Jakobi AJ, Jakobsson J, Janji B, Jansen-Dürr P, Jansson PJ, Jantsch J, Januszewski S, Jassey A, Jean S, Jeltsch-David H, Jendelova P, Jenny A, Jensen TE, Jessen N, Jewell JL, Ji J, Jia L, Jia R, Jiang L, Jiang Q, Jiang R, Jiang T, Jiang X, Jiang Y, Jimenez-Sanchez M, Jin EJ, Jin F, Jin H, Jin L, Jin L, Jin M, Jin S, Jo EK, Joffre C, Johansen T, Johnson GVW, Johnston SA, Jokitalo E, Jolly MK, Joosten LAB, Jordan J, Joseph B, Ju D, Ju JS, Ju J, Juárez E, Judith D, Juhász G, Jun Y, Jung CH, Jung SC, Jung YK, Jungbluth H, Jungverdorben J, Just S, Kaarniranta K, Kaasik A, Kabuta T, Kaganovich D, Kahana A, Kain R, Kajimura S, Kalamvoki M, Kalia M, Kalinowski DS, Kaludercic N, Kalvari I, Kaminska J, Kaminskyy VO, Kanamori H, Kanasaki K, Kang C, Kang R, Kang SS, Kaniyappan S, Kanki T, Kanneganti TD, Kanthasamy AG, Kanthasamy A, Kantorow M, Kapuy O, Karamouzis MV, Karim MR, Karmakar P, Katare RG, Kato M, Kaufmann SHE, Kauppinen A, Kaushal GP, Kaushik S, Kawasaki K, Kazan K, Ke PY, Keating DJ, Keber U, Kehrl JH, Keller KE, Keller CW, Kemper JK, Kenific CM, Kepp O, Kermorgant S, Kern A, Ketteler R, Keulers TG, Khalfin B, Khalil H, Khambu B, Khan SY, Khandelwal VKM, Khandia R, Kho W, Khobreakar NV, Khuansuwan S, Khundadze M, Killackey SA, Kim D, Kim DR, Kim DH, Kim DE, Kim EY, Kim EK, Kim HR, Kim HS, Hyung-Ryong Kim, Kim JH, Kim JK, Kim JH, Kim J, Kim JH, Kim KI, Kim PK, Kim SJ, Kimball SR, Kimchi A, Kimmelman AC, Kimura T, King MA, Kinghorn KJ, Kinsey CG, Kirkin V, Kirshenbaum LA, Kiselev SL, Kishi S, Kitamoto K, Kitaoka Y, Kitazato K, Kitsis RN, Kittler JT, Kjaerulff O, Klein PS, Klopstock T, Klucken J, Knævelsrud H, Knorr RL, Ko BCB, Ko F, Ko JL, Kobayashi H, Kobayashi S, Koch I, Koch JC, Koenig U, Kögel D, Koh YH, Koike M, Kohlwein SD, Kocaturk NM, Komatsu M, König J, Kono T, Kopp BT, Korcsmaros T, Korkmaz G, Korolchuk VI, Korsnes

MS, Koskela A, Kota J, Kotake Y, Kotler ML, Kou Y, Koukourakis MI, Koustas E, Kovacs AL, Kovács T, Koya D, Kozako T, Kraft C, Krainc D, Krämer H, Krasnodembskaya AD, Kretz-Remy C, Kroemer G, Ktistakis NT, Kuchitsu K, Kuenen S, Kuerschner L, Kukar T, Kumar A, Kumar A, Kumar D, Kumar D, Kumar S, Kume S, Kumsta C, Kundu CN, Kundu M, Kunnumakkara AB, Kurgan L, Kutateladze TG, Kutlu O, Kwak S, Kwon HJ, Kwon TK, Kwon YT, Kyrnizi I, La Spada A, Labonté P, Ladoire S, Laface I, Lafont F, Lagace DC, Lahiri V, Lai Z, Laird AS, Lakkaraju A, Lamark T, Lan SH, Landajuela A, Lane DJR, Lane JD, Lang CH, Lange C, Langel Ü, Langer R, Lapaquette P, Laporte J, LaRusso NF, Lastres-Becker I, Lau WCY, Laurie GW, Lavandero S, Law BYK, Law HK, Layfield R, Le W, Le Stunff H, Leary AY, Lebrun JJ, Leck LYW, Leduc-Gaudet JP, Lee C, Lee CP, Lee DH, Lee EB, Lee EF, Lee GM, Lee HJ, Lee HK, Lee JM, Lee JS, Lee JA, Lee JY, Lee JH, Lee M, Lee MG, Lee MJ, Lee MS, Lee SY, Lee SJ, Lee SY, Lee SB, Lee WH, Lee YR, Lee YH, Lee Y, Lefebvre C, Legouis R, Lei YL, Lei Y, Leikin S, Leitinger G, Lemus L, Leng S, Lenoir O, Lenz G, Lenz HJ, Lenzi P, León Y, Leopoldino AM, Leschczyk C, Leskelä S, Letellier E, Leung CT, Leung PS, Leventhal JS, Levine B, Lewis PA, Ley K, Li B, Li DQ, Li J, Li J, Li J, Li K, Li L, Li M, Li M, Li M, Li M, Li M, Li PL, Li MQ, Li Q, Li S, Li T, Li W, Li W, Li X, Li YP, Li Y, Li Z, Li Z, Li Z, Lian J, Liang C, Liang Q, Liang W, Liang Y, Liang Y, Liao G, Liao L, Liao M, Liao YF, Librizzi M, Lie PPY, Lilly MA, Lim HJ, Lima TRR, Limana F, Lin C, Lin CW, Lin DS, Lin FC, Lin JD, Lin KM, Lin KH, Lin LT, Lin PH, Lin Q, Lin S, Lin SJ, Lin W, Lin X, Lin YX, Lin YS, Linden R, Lindner P, Ling SC, Lingor P, Linnemann AK, Liou YC, Lipinski MM, Lipovšek S, Lira VA, Lisiak N, Liton PB, Liu C, Liu CH, Liu CF, Liu CH, Liu F, Liu H, Liu HS, Liu HF, Liu H, Liu J, Liu J, Liu J, Liu L, Liu L, Liu M, Liu Q, Liu W, Liu W, Liu XH, Liu X, Liu X, Liu X, Liu X, Liu Y, Liu Y, Liu Y, Liu Y, Liu Y, Livingston JA, Lizard G, Lizcano JM, Ljubojevic-Holzer S, LLeonart ME, Llobet-Navàs D, Llorente A, Lo CH, Lobato-Márquez D, Long Q, Long YC, Loos B, Loos JA, López MG, López-Doménech G, López-Guerrero JA, López-Jiménez AT, López-Pérez Ó, López-Valero I, Lorenowicz MJ, Lorente M, Lorincz P, Lossi L, Lotersztajn S, Lovat PE, Lovell JF, Lovy A, Lów P, Lu G, Lu H, Lu JH, Lu JJ, Lu M, Lu S, Luciani A, Lucocq JM, Ludovico P, Luftig MA, Luhr M, Luis-Ravelo D, Lum JJ, Luna-Dulcey L, Lund AH, Lund VK, Lünemann JD, Lüningschrör P, Luo H, Luo R, Luo S, Luo Z, Luparello C, Lüscher B, Luu L, Lyakhovich A, Lyamzaev KG, Lystad AH, Lytvynchuk L, Ma AC, Ma C, Ma M, Ma NF, Ma QH, Ma X, Ma Y, Ma Z, MacDougald OA, Macian F, MacIntosh GC, MacKeigan JP, Macleod KF, Maday S, Madeo F, Madesh M, Madl T, Madrigal-Matute J, Maeda A, Maejima Y, Magarinos M, Mahavadi P, Maiani E, Maiese K, Maiti P, Maiuri MC, Majello B, Major MB, Makareeva E, Malik F, Mallilankaraman K, Malorni W, Maloyan A, Mammadova N, Man GCW, Manai F, Mancias JD, Mandelkow EM, Mandell MA, Manfredi AA, Manjili MH, Manjithaya R, Manque P, Manshian BB, Manzano R, Manzoni C, Mao K, Marchese C, Marchetti S, Marconi AM, Marcucci F, Mardente S, Mareninova OA, Margeta M, Mari M, Marinelli S, Marinelli O, Mariño G, Mariotto S, Marshall RS, Marten MR, Martens S, Martin APJ, Martin KR, Martin S, Martin S, Martín-Segura A, Martín-Acebes MA, Martin- Burriel I, Martin-Rincon M, Martin-Sanz P, Martina JA, Martinet W, Martinez A, Martinez A, Martinez J, Martinez Velazquez M, Martinez-Lopez N, Martinez-Vicente M, Martins DO, Martins JO, Martins WK, Martins-Marques T, Marzetti E, Masaldan S, Masclaux-Daubresse C, Mashek DG, Massa V, Massieu L, Masson GR, Masuelli L, Masyuk AI, Masyuk TV, Matarrese P, Matheu A, Matoba S, Matsuzaki S, Mattar P, Matte A, Mattoscio D, Mauriz JL, Mauthe M, Mauvezin C, Maverakis E, Maycotte P, Mayer J, Mazzocchi G, Mazzoni C, Mazzulli JR, McCarty N, McDonald C, McGill MR, McKenna SL, McLaughlin B, McLoughlin F, McNiven MA, McWilliams TG, Mehta- Grigoriou F, Medeiros TC, Medina DL, Megeney LA, Megyeri K, Mehrpour M, Mehta JL, Meijer AJ, Meijer AH, Mejlvang J, Meléndez A, Melk A, Memisoglu G, Mendes AF, Meng D, Meng F, Meng T, Menna-Barreto R, Menon MB, Mercer C, Mercier AE, Mergny JL, Merighi A, Merkley SD, Merla G, Meske V, Mestre AC, Metur SP, Meyer C, Meyer H, Mi W, Miale-Perez J, Miao J, Micalé L, Miki Y, Milan E, Milczarek M, Miller DL, Miller SI, Miller S, Millward SW, Milosevic I, Minina EA, Mirzaei H, Mirzaei HR, Mirzaei M, Mishra A, Mishra N, Mishra PK, Misirkic Marjanovic M, Misasi R, Misra A, Misso G, Mitchell C, Mitou G, Miura T, Miyamoto S, Miyazaki M, Miyazaki M, Miyazaki T, Miyazawa K, Mizushima N, Mogensen TH, Mograbi B, Mohammadinejad R, Mohamud Y, Mohanty A, Mohapatra S, Möhlmann T, Mohmmmed A, Moles A, Moley KH, Molinari M, Mollace V, Møller AB, Mollereau B, Mollinedo F, Montagna C, Monteiro MJ, Montella A, Montes LR, Montico B, Mony VK, Monzio Compagnoni G, Moore MN, Moosavi MA, Mora AL, Mora M, Morales-Alamo D, Moratalla R, Moreira PI, Morelli E, Moreno S, Moreno-

Blas D, Moresi V, Morga B, Morgan AH, Morin F, Morishita H, Moritz OL, Moriyama M, Moriyasu Y, Morleo M, Morselli E, Moruno-Manchon JF, Moscat J, Mostowy S, Motori E, Moura AF, Moustaid-Moussa N, Mrakovcic M, Muciño-Hernández G, Mukherjee A, Mukhopadhyay S, Mulcahy Levy JM, Mulero V, Muller S, Münch C, Munjal A, Munoz-Canoves P, Muñoz-Galdeano T, Münz C, Murakawa T, Muratori C, Murphy BM, Murphy JP, Murthy A, Myöhänen TT, Mysorekar IU, Mytych J, Nabavi SM, Nabissi M, Nagy P, Nah J, Nahimana A, Nakagawa I, Nakamura K, Nakatogawa H, Nandi SS, Nanjundan M, Nanni M, Napolitano G, Nardacci R, Narita M, Nassif M, Nathan I, Natsumeda M, Naude RJ, Naumann C, Naveiras O, Navid F, Nawrocki ST, Nazarko TY, Nazio F, Negoita F, Neill T, Neisch AL, Neri LM, Netea MG, Neubert P, Neufeld TP, Neumann D, Neutzner A, Newton PT, Ney PA, Nezis IP, Ng CCW, Ng TB, Nguyen HTT, Nguyen LT, Ni HM, Ní Cheallaigh C, Ni Z, Nicolao MC, Nicoli F, Nieto-Diaz M, Nilsson P, Ning S, Niranjana R, Nishimune H, Niso-Santano M, Nixon RA, Nobili A, Nobrega C, Noda T, Nogueira-Recalde U, Nolan TM, Nombela I, Novak I, Novoa B, Nozawa T, Nukina N, Nussbaum-Krammer C, Nylandsted J, O'Donovan TR, O'Leary SM, O'Rourke EJ, O'Sullivan MP, O'Sullivan TE, Oddo S, Oehme I, Ogawa M, Ogier-Denis E, Ogmundsdottir MH, Ogretmen B, Oh GT, Oh SH, Oh YJ, Ohama T, Ohashi Y, Ohmuraya M, Oikonomou V, Ojha R, Okamoto K, Okazawa H, Oku M, Oliván S, Oliveira JMA, Ollmann M, Olzmann JA, Omari S, Omary MB, Önal G, Ondrej M, Ong SB, Ong SG, Onnis A, Orellana JA, Orellana-Muñoz S, Ortega-Villaizán MDM, Ortiz-Gonzalez XR, Ortona E, Osiewacz HD, Osman AK, Osta R, Otegui MS, Otsu K, Ott C, Ottobriani L, Ou JJ, Outeiro TF, Oynebraten I, Ozturk M, Pagès G, Pahari S, Pajares M, Pajvani UB, Pal R, Paladino S, Pallet N, Palmieri M, Palmisano G, Palumbo C, Pampaloni F, Pan L, Pan Q, Pan W, Pan X, Panasyuk G, Pandey R, Pandey UB, Pandya V, Paneni F, Pang SY, Panzarini E, Papademetrio DL, Papaleo E, Papinski D, Papp D, Park EC, Park HT, Park JM, Park JI, Park JT, Park J, Park SC, Park SY, Parola AH, Parys JB, Pasquier A, Pasquier B, Passos JF, Pastore N, Patel HH, Patschan D, Pattingre S, Pedraza-Alva G, Pedraza-Chaverri J, Pedrozo Z, Pei G, Pei J, Peled- Zehavi H, Pellegrini JM, Pelletier J, Peñalva MA, Peng D, Peng Y, Penna F, Pennuto M, Pentimalli F, Pereira CM, Pereira GJS, Pereira LC, Pereira de Almeida L, Perera ND, Pérez-Lara Á, Perez-Oliva AB, Pérez-Pérez ME, Periyasamy P, Perl A, Perrotta C, Perrotta I, Pestell RG, Petersen M, Petrache I, Petrovski G, Pfirrmann T, Pfister AS, Philips JA, Pi H, Picca A, Pickrell AM, Picot S, Pierantoni GM, Pierdominici M, Pierre P, Pierrefite-Carle V, Pierzynowska K, Pietrocola F, Pietruczuk M, Pignata C, Pimentel-Muñoz FX, Pinar M, Pinheiro RO, Pinkas-Kramarski R, Pinton P, Piracs K, Piya S, Pizzo P, Plantinga TS, Platta HW, Plaza-Zabala A, Plomann M, Plotnikov EY, Plun-Favreau H, Pluta R, Pocock R, Pöggeler S, Pohl C, Poirot M, Poletti A, Ponpuak M, Popelka H, Popova B, Porta H, Porte Alcon S, Portilla-Fernandez E, Post M, Potts MB, Poulton J, Powers T, Prahlad V, Prajsnar TK, Praticò D, Prencipe R, Priault M, Proikas-Cezanne T, Promponas VJ, Proud CG, Puertollano R, Puglielli L, Pulinilkunnil T, Puri D, Puri R, Puyal J, Qi X, Qi Y, Qian W, Qiang L, Qiu Y, Quadrilatero J, Quarleri J, Raben N, Rabinowich H, Ragona D, Ragusa MJ, Rahimi N, Rahmati M, Raia V, Raimundo N, Rajasekaran NS, Ramachandra Rao S, Rami A, Ramírez-Pardo I, Ramsden DB, Randow F, Rangarajan PN, Ranieri D, Rao H, Rao L, Rao R, Rathore S, Ratnayaka JA, Ratovitski EA, Ravanani P, Ravegnini G, Ray SK, Razani B, Rebecca V, Reggiori F, Régnier-Vigouroux A, Reichert AS, Reigada D, Reiling JH, Rein T, Reipert S, Rekha RS, Ren H, Ren J, Ren W, Renault T, Renga G, Reue K, Rewitz K, Ribeiro de Andrade Ramos B, Riazuddin SA, Ribeiro-Rodrigues TM, Ricci JE, Ricci R, Riccio V, Richardson DR, Rikihisa Y, Risbud MV, Risueño RM, Ritis K, Rizza S, Rizzuto R, Roberts HC, Roberts LD, Robinson KJ, Roccheri MC, Rocchi S, Rodney GG, Rodrigues T, Rodrigues Silva VR, Rodriguez A, Rodriguez-Barrueco R, Rodriguez-Henche N, Rodriguez-Rocha H, Roelofs J, Rogers RS, Rogov VV, Rojo AI, Rolka K, Romanello V, Romani L, Romano A, Romano PS, Romeo-Guitart D, Romero LC, Romero M, Roney JC, Rongo C, Roperto S, Rosenfeldt MT, Rosenstiel P, Rosenwald AG, Roth KA, Roth L, Roth S, Rouschop KMA, Roussel BD, Roux S, Rovere-Querini P, Roy A, Rozieres A, Ruano D, Rubinsztein DC, Rubtsova MP, Ruckdeschel K, Ruckenstein C, Rudolf E, Rudolf R, Ruggieri A, Ruparelía AA, Rusmini P, Russell RR, Russo GL, Russo M, Russo R, Ryabaya OO, Ryan KM, Ryu KY, Sabater-Arcis M, Sachdev U, Sacher M, Sachse C, Sadhu A, Sadoshima J, Safren N, Saftig P, Sagana AP, Sahay G, Sahebkar A, Sahin M, Sahin O, Sahni S, Saito N, Saito S, Saito T, Sakai R, Sakai Y, Sakamaki JI, Saksela K, Salazar G, Salazar-Degracia A, Salekdeh GH, Saluja AK, Sampaio-Marques B, Sanchez MC, Sanchez-Alcazar JA, Sanchez-Vera V, Sancho-Shimizu V,

Sanderson JT, Sandri M, Santaguida S, Santambrogio L, Santana MM, Santoni G, Sanz A, Sanz P, Saran S, Sardiello M, Sargeant TJ, Sarin A, Sarkar C, Sarkar S, Sarrias MR, Sarkar S, Sarmah DT, Sarparanta J, Sathyanarayan A, Sathyanarayanan R, Scaglione KM, Scatozza F, Schaefer L, Schafer ZT, Schaible UE, Schapira AHV, Scharl M, Schatzl HM, Schein CH, Scheper W, Scheuring D, Schiaffino MV, Schiappacassi M, Schindl R, Schlattner U, Schmidt O, Schmitt R, Schmidt SD, Schmitz I, Schmukler E, Schneider A, Schneider BE, Schober R, Schoijet AC, Schott MB, Schramm M, Schröder B, Schuh K, Schüller C, Schulze RJ, Schürmanns L, Schwamborn JC, Schwarten M, Scialo F, Sciarretta S, Scott MJ, Scotto KW, Scovassi AI, Scrima A, Scrivo A, Sebastian D, Sebti S, Sedej S, Segatori L, Segev N, Seglen PO, Seiliez I, Seki E, Selleck SB, Sellke FW, Selsby JT, Sendtner M, Senturk S, Seranova E, Sergi C, Serra-Moreno R, Sesaki H, Settembre C, Setty SRG, Sgarbi G, Sha O, Shacka JJ, Shah JA, Shang D, Shao C, Shao F, Sharbati S, Sharkey LM, Sharma D, Sharma G, Sharma K, Sharma P, Sharma S, Shen HM, Shen H, Shen J, Shen M, Shen W, Shen Z, Sheng R, Sheng Z, Sheng ZH, Shi J, Shi X, Shi YH, Shiba-Fukushima K, Shieh JJ, Shimada Y, Shimizu S, Shimosawa M, Shintani T, Shoemaker CJ, Shojaei S, Shoji I, Shrivage BV, Shridhar V, Shu CW, Shu HB, Shui K, Shukla AK, Shutt TE, Sica V, Siddiqui A, Sierra A, Sierra-Torre V, Signorelli S, Sil P, Silva BJA, Silva JD, Silva-Pavez E, Silvente-Poirot S, Simmonds RE, Simon AK, Simon HU, Simons M, Singh A, Singh LP, Singh R, Singh SV, Singh SK, Singh SB, Singh S, Singh SP, Sinha D, Sinha RA, Sinha S, Sirko A, Sirohi K, Sivridis EL, Skendros P, Skirycz A, Slaninová I, Smali SS, Smertenko A, Smith MD, Soenen SJ, Sohn EJ, Sok SPM, Solaini G, Soldati T, Soleimanpour SA, Soler RM, Solovchenko A, Somarelli JA, Sonawane A, Song F, Song HK, Song JX, Song K, Song Z, Soria LR, Sorice M, Soukas AA, Soukup SF, Sousa D, Sousa N, Spagnuolo PA, Spector SA, Srinivas Bharath MM, St Clair D, Stagni V, Staiano L, Stalneck CA, Stankov MV, Stathopoulos PB, Stefan K, Stefan SM, Stefanis L, Steffan JS, Steinkasserer A, Stenmark H, Sternecker J, Stevens C, Stoka V, Storch S, Stork B, Strappazon F, Strohecker AM, Stupack DG, Su H, Su LY, Su L, Suarez-Fontes AM, Subauste CS, Subbian S, Subirada PV, Sudhandiran G, Sue CM, Sui X, Summers C, Sun G, Sun J, Sun K, Sun MX, Sun Q, Sun Y, Sun Z, Sunahara KKS, Sundberg E, Susztak K, Sutovsky P, Suzuki H, Sweeney G, Symons JD, Sze SCW, Szewczyk NJ, Tabęcka-Łonczyńska A, Tabolacci C, Tacke F, Taegtmeyer H, Tafani M, Tagaya M, Tai H, Tait SWG, Takahashi Y, Takats S, Talwar P, Tam C, Tam SY, Tampellini D, Tamura A, Tan CT, Tan EK, Tan YQ, Tanaka M, Tanaka M, Tang D, Tang J, Tang TS, Tanida I, Tao Z, Taouis M, Tatenhorst L, Tavernarakis N, Taylor A, Taylor GA, Taylor JM, Tchetina E, Tee AR, Tegeder I, Teis D, Teixeira N, Teixeira-Clerc F, Tekirdag KA, Tencomnao T, Tenreiro S, Tepikin AV, Testillano PS, Tettamanti G, Tharaux PL, Thedieck K, Thekkinghat AA, Thellung S, Thinwa JW, Thirumalaikumar VP, Thomas SM, Thomes PG, Thorburn A, Thukral L, Thum T, Thumm M, Tian L, Tichy A, Till A, Timmerman V, Titorenko VI, Todi SV, Todorova K, Toivonen JM, Tomaipitina L, Tomar D, Tomas-Zapico C, Tomić S, Tong BC, Tong C, Tong X, Tooze SA, Torgersen ML, Torii S, Torres-López L, Torriglia A, Towers CG, Towns R, Toyokuni S, Trajkovic V, Tramontano D, Tran QG, Travassos LH, Trelford CB, Tremel S, Trougakos IP, Tsao BP, Tschan MP, Tse HF, Tse TF, Tsugawa H, Tsvetkov AS, Tumbarello DA, Tumbas Y, Tuñón MJ, Turcotte S, Turk B, Turk V, Turner BJ, Tuxworth RI, Tyler JK, Tyutereva EV, Uchiyama Y, Ugun-Klusek A, Uhlig HH, Ułamek-Kozioł M, Ulasov IV, Umekawa M, Ungermann C, Unno R, Urbe S, Uribe-Carretero E, Üstün S, Uversky VN, Vaccari T, Vaccaro MI, Vahsen BF, Vakifahmetoglu-Norberg H, Valdor R, Valente MJ, Valko A, Vallee RB, Valverde AM, Van den Berghe G, van der Veen S, Van Kaer L, van Loosdregt J, van Wijk SJL, Vandenberghe W, Vanhorebeek I, Vannier-Santos MA, Vannini N, Vanrell MC, Vantaggiato C, Varano G, Varela-Nieto I, Varga M, Vasconcelos MH, Vats S, Vavvas DG, Vega-Naredo I, Vega-Rubin-de-Celis S, Velasco G, Velázquez AP, Vellai T, Vellenga E, Velotti F, Verdier M, Verginis P, Vergne I, Verkade P, Verma M, Verstreken P, Vervliet T, Vervoorts J, Vessoni AT, Victor VM, Vidal M, Vidoni C, Vieira OV, Vierstra RD, Viganó S, Vihinen H, Vijayan V, Vila M, Vilar M, Villalba JM, Villalobo A, Villarejo-Zori B, Villarroja F, Villarroja J, Vincent O, Vindis C, Viret C, Viscomi MT, Visnjic D, Vitale I, Vocadlo DJ, Voitsekhevskaja OV, Volonté C, Volta M, Vomero M, Von Haefen C, Vooijs MA, Voos W, Vucicevic L, Wade-Martins R, Waguri S, Waite KA, Wakatsuki S, Walker DW, Walker MJ, Walker SA, Walter J, Wadosell FG, Wang B, Wang CY, Wang C, Wang C, Wang C, Wang CY, Wang D, Wang F, Wang F, Wang F, Wang G, Wang H, Wang H, Wang H, Wang HG, Wang J, Wang J, Wang J, Wang J, Wang K, Wang L, Wang L, Wang MH, Wang M, Wang N, Wang P, Wang P, Wang P, Wang P,

Wang QJ, Wang Q, Wang QK, Wang QA, Wang WT, Wang W, Wang X, Wang X, Wang Y, Wang Y, Wang Y, Wang YY, Wang Y, Wang Y, Wang Y, Wang Y, Wang Z, Wang Z, Wang Z, Warnes G, Warnsmann V, Watada H, Watanabe E, Watchon M, Wawrzyńska A, Weaver TE, Wegrzyn G, Wehman AM, Wei H, Wei L, Wei T, Wei Y, Weiergräber OH, Weihl CC, Weindl G, Weiskirchen R, Wells A, Wen RH, Wen X, Werner A, Weykopf B, Wheatley SP, Whitton JL, Whitworth AJ, Wiktorska K, Wildenberg ME, Wileman T, Wilkinson S, Willbold D, Williams B, Williams RSB, Williams RL, Williamson PR, Wilson RA, Winner B, Winsor NJ, Witkin SS, Wodrich H, Woehlbier U, Wollert T, Wong E, Wong JH, Wong RW, Wong VKW, Wong WW, Wu AG, Wu C, Wu J, Wu J, Wu KK, Wu M, Wu SY, Wu S, Wu SY, Wu S, Wu WKK, Wu X, Wu X, Wu YW, Wu Y, Xavier RJ, Xia H, Xia L, Xia Z, Xiang G, Xiang J, Xiang M, Xiang W, Xiao B, Xiao G, Xiao H, Xiao HT, Xiao J, Xiao L, Xiao S, Xiao Y, Xie B, Xie CM, Xie M, Xie Y, Xie Z, Xie Z, Xilouri M, Xu C, Xu E, Xu H, Xu J, Xu J, Xu L, Xu WW, Xu X, Xue Y, Yakhine-Diop SMS, Yamaguchi M, Yamaguchi O, Yamamoto A, Yamashina S, Yan S, Yan SJ, Yan Z, Yanagi Y, Yang C, Yang DS, Yang H, Yang HT, Yang H, Yang JM, Yang J, Yang J, Yang L, Yang L, Yang M, Yang PM, Yang Q, Yang S, Yang S, Yang SF, Yang W, Yang WY, Yang X, Yang X, Yang Y, Yang Y, Yao H, Yao S, Yao X, Yao YG, Yao YM, Yasui T, Yazdankhah M, Yen PM, Yi C, Yin XM, Yin Y, Yin Z, Yin Z, Ying M, Ying Z, Yip CK, Yiu SPT, Yoo YH, Yoshida K, Yoshii SR, Yoshimori T, Yousefi B, Yu B, Yu H, Yu J, Yu J, Yu L, Yu ML, Yu SW, Yu VC, Yu WH, Yu Z, Yu Z, Yuan J, Yuan LQ, Yuan S, Yuan SF, Yuan Y, Yuan Z, Yue J, Yue Z, Yun J, Yung RL, Zacks DN, Zaffagnini G, Zambelli VO, Zanella I, Zang QS, Zanivan S, Zappavigna S, Zaragoza P, Zarbalis KS, Zarebkohan A, Zarrouk A, Zeitlin SO, Zeng J, Zeng JD, Žerovnik E, Zhan L, Zhang B, Zhang DD, Zhang H, Zhang H, Zhang H, Zhang H, Zhang H, Zhang H, Zhang HL, Zhang J, Zhang J, Zhang JP, Zhang KYB, Zhang LW, Zhang L, Zhang L, Zhang L, Zhang L, Zhang M, Zhang P, Zhang S, Zhang W, Zhang X, Zhang XW, Zhang X, Zhang X, Zhang X, Zhang X, Zhang XD, Zhang Y, Zhang Y, Zhang Y, Zhang YD, Zhang Y, Zhang YY, Zhang Y, Zhang Z, Zhang Z, Zhang Z, Zhang Z, Zhang Z, Zhang Z, Zhao H, Zhao L, Zhao S, Zhao T, Zhao XF, Zhao Y, Zhao Y, Zhao Y, Zhao Y, Zheng G, Zheng K, Zheng L, Zheng S, Zheng XL, Zheng Y, Zheng ZG, Zhivotovsky B, Zhong Q, Zhou A, Zhou B, Zhou C, Zhou G, Zhou H, Zhou H, Zhou H, Zhou J, Zhou J, Zhou J, Zhou J, Zhou K, Zhou R, Zhou XJ, Zhou Y, Zhou Y, Zhou Y, Zhou ZY, Zhou Z, Zhu B, Zhu C, Zhu GQ, Zhu H, Zhu H, Zhu H, Zhu WG, Zhu Y, Zhu Y, Zhuang H, Zhuang X, Zientara-Rytter K, Zimmermann CM, Ziviani E, Zoladek T, Zong WX, Zorov DB, Zorzano A, Zou W, Zou Z, Zou Z, Zuryn S, Zwerschke W, Brand-Saberi B, Dong XC, Kenchappa CS, Li Z, Lin Y, Oshima S, Rong Y, Sluimer JC, Stallings CL, Tong CK. Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition)¹. *Autophagy*. 2021 Jan;17(1):1-382. doi: 10.1080/15548627.2020.1797280. Epub 2021 Feb 8. PMID: 33634751; PMCID: PMC7996087.

8: Chen CJ, Chalhoub R, Ding D, Kumar JS, Ironside N, Kellogg RT, Worrall BB, Southerland AM, Jabbour P, Wolfe SQ, Arthur AS, Goyal N, Fragata I, Maier I, Matouk C, Grossberg JA, Kan P, Schirmer CM, Crowley RW, Ares WJ, Ogilvy CS, Rai AT, Levitt MR, Mokin M, Guerrero WR, Mascitelli JR, Yoo AJ, Williamson R, Grande AW, Crosa RJ, Webb S, Psychogios MN, Starke RM, Spiotta AM, Park MS; STAR collaborators. Is a picture-perfect thrombectomy necessary in acute ischemic stroke? *J Neurointerv Surg*. 2021 Feb 16:neurintsurg-2020-017193. doi: 10.1136/neurintsurg-2020-017193. Epub ahead of print. PMID: 33593800.

9: Murphy M, Hernández-Durán S, Kim E, Al-Shehhi N, Broekman M, de Praeter M, Dubuisson A, Emery É, Gazioglu N, Grossman R, Janssen IK, Karampouga M, Khorbaladze L, Lambrianou X, Lippa L, Magnadottir H, Mihaylova S, Pajaj E, Rabiei K, Rodríguez-Hernández A, Tasiou A, Vayssiere P, Rosseau G. European female neurosurgeon: II - Historical characters and living legends. *J Clin Neurosci*. 2021 Apr;86:324-331. doi: 10.1016/j.jocn.2021.01.024. Epub 2021 Feb 6. PMID: 33558184.

10: Hernández-Durán S, Kim E, Ivan D, Rosseau G, Murphy M. Four Athenas - Europe's first female neurosurgeons. *J Clin Neurosci*. 2021 Apr;86:332-336. doi: 10.1016/j.jocn.2021.01.033. Epub 2021 Feb 5. PMID: 33558183.

11: Hernández-Durán S, Murphy M, Kim E, Al-Shehhi N, Broekman M, de Praeter M, Dubuisson A,

Emery É, Gazioglu N, Grossman R, Janssen IK, Karampouga M, Khorbaladze L, Lambrianou X, Lippa L, Magnadottir H, Mihaylova S, Pajaj E, Rabiei K, Rodríguez-Hernández A, Tasiou A, Vayssiere P, Rosseau G. European female neurosurgeon: I - A chronology of trailblazers. *J Clin Neurosci*. 2021 Apr;86:316-323. doi: 10.1016/j.jocn.2021.01.026. Epub 2021 Feb 4. PMID: 33551325.

12: Bloem BR, Trenkwalder C, Sanchez-Ferro A, Kalia LV, Alcalay R, Chiang HL, Kang UJ, Goetz C, Brundin P, Papa SM. COVID-19 Vaccination for Persons with Parkinson's Disease: Light at the End of the Tunnel? *J Parkinsons Dis*. 2021;11(1):3-8. doi: 10.3233/JPD-212573. PMID: 33523021; PMCID: PMC7990445.

13: Katzenschlager R, Poewe W, Rascol O, Trenkwalder C, Deuschl G, Chaudhuri KR, Henriksen T, van Laar T, Lockhart D, Staines H, Lees A. Long-term safety and efficacy of apomorphine infusion in Parkinson's disease patients with persistent motor fluctuations: Results of the open-label phase of the TOLEDO study. *Parkinsonism Relat Disord*. 2021 Feb;83:79-85. doi: 10.1016/j.parkreldis.2020.12.024. Epub 2021 Jan 12. PMID: 33486139.

14: Al Kasab S, Almallouhi E, Alawieh A, Jabbour P, Sweid A, Starke RM, Saini V, Wolfe SQ, Fargen KM, Arthur AS, Goyal N, Pandhi A, Maier I, Grossberg JA, Howard BM, Tjoumakaris SI, Rai A, Park MS, Mascitelli JR, Psychogios MN, Spiotta AM; STAR collaborators. Alarming downtrend in mechanical thrombectomy rates in African American patients during the COVID-19 pandemic-Insights from STAR. *J Neurointerv Surg*. 2021 Apr;13(4):304-307. doi: 10.1136/neurintsurg-2020-016946. Epub 2021 Jan 6. PMID: 33408256.

15: Pirazzini C, Azevedo T, Baldelli L, Bartoletti-Stella A, Calandra-Buonaura G, Dal Molin A, Dimitri GM, Doykov I, Gómez-Garre P, Hägg S, Hällqvist J, Halsband C, Heywood W, Jesús S, Jylhävä J, Kwiatkowska KM, Labrador-Espinosa MA, Licari C, Maturo MG, Mengozzi G, Meoni G, Milazzo M, Perrián-Tocino MT, Ravaioli F, Sala C, Sambati L, Schade S, Schreglmann S, Spasov S, Tenori L, Williams D, Xumerle L, Zago E, Bhatia KP, Capellari S, Cortelli P, Garagnani P, Houlden H, Liò P, Luchinat C, Delledonne M, Mills K, Mir P, Mollenhauer B, Nardini C, Pedersen NL, Provini F, Strom S, Trenkwalder C, Turano P, Bacalini MG, Franceschi C; PROPAG-AGEING Consortium. A geroscience approach for Parkinson's disease: Conceptual framework and design of PROPAG-AGEING project. *Mech Ageing Dev*. 2021 Mar;194:111426. doi: 10.1016/j.mad.2020.111426. Epub 2020 Dec 29. PMID: 33385396.

16: Akbik F, Alawieh A, Cawley CM, Howard BM, Tong FC, Nahab F, Saad H, Dimisko L, Mustroph C, Samuels OB, Pradilla G, Maier I, Goyal N, Starke RM, Rai A, Fargen KM, Psychogios MN, Jabbour P, De Leacy R, Giles J, Dumont TM, Kan P, Arthur AS, Crosa RJ, Gory B, Spiotta AM, Grossberg JA; Stroke Thrombectomy and Aneurysm Registry (STAR). Differential effect of mechanical thrombectomy and intravenous thrombolysis in atrial fibrillation associated stroke. *J Neurointerv Surg*. 2020 Dec 14;neurintsurg-2020-016720. doi: 10.1136/neurintsurg-2020-016720. Epub ahead of print. PMID: 33318066.

17: Nerntengian N, Gkasdaris G, Baretas N, Theodoropoulou E, Birbilis T. The Use of Real-Time 3D Intraoperative Ultrasound "Angiography" in Localization and Occlusion Control of a Ruptured Mycotic Aneurysm: A Case Report. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Dec 5. doi: 10.1055/s-0040-1720988. Epub ahead of print. PMID: 33278825.

18: Wilson L, Horton L, Kunzmann K, Sahakian BJ, Newcombe VF, Stamatakis EA, von Steinbuechel N, Cunitz K, Covic A, Maas A, Van Praag D, Menon D; CENTER-TBI participants and investigators. Understanding the relationship between cognitive performance and function in daily life after traumatic brain injury. *J Neurol Neurosurg Psychiatry*. 2020 Dec 2;jnnp-2020-324492. doi: 10.1136/jnnp-2020-324492. Epub ahead of print. PMID: 33268472.

19: Chen CCL, Deshmukh S, Jessa S, Hadjadj D, Lisi V, Andrade AF, Faury D, Jawhar W, Dali R, Suzuki H, Pathania M, A D, Dubois F, Woodward E, Hébert S, Coutelier M, Karamchandani J, Albrecht S, Brandner S, De Jay N, Gayden T, Bajic A, Harutyunyan AS, Marchione DM, Mikael LG, Juretic N, Zeinieh M, Russo C, Maestro N, Bassenden AV, Hauser P, Virga J, Bognar L, Klekner A, Zapotocky M, Vicha A, Krskova L, Vanova K, Zamecnik J, Sumerauer D, Ekert PG, Ziegler DS, Ellezam B, Filbin MG, Blanchette M, Hansford JR, Khuong-Quang DA, Berghuis AM, Weil AG, Garcia BA, Garzia L, Mack SC, Beroukhir R, Ligon KL, Taylor MD, Bandopadhyay P, Kramm C, Pfister SM, Korshunov A, Sturm D, Jones DTW, Salomoni P, Kleinman CL, Jabado N. Histone H3.3G34-Mutant Interneuron Progenitors Co-opt PDGFRA for Gliomagenesis. *Cell*. 2020 Dec 10;183(6):1617-1633.e22. doi: 10.1016/j.cell.2020.11.012. Epub 2020 Nov 30. PMID: 33259802; PMCID: PMC7791404.

20: Rossi S, Antal A, Bestmann S, Bikson M, Brewer C, Brockmüller J, Carpenter LL, Cincotta M, Chen R, Daskalakis JD, Di Lazzaro V, Fox MD, George MS, Gilbert D, Kimiskidis VK, Koch G, Ilmoniemi RJ, Lefaucheur JP, Leocani L, Lisanby SH, Miniussi C, Padberg F, Pascual-Leone A, Paulus W, Peterchev AV, Quartarone A, Rotenberg A, Rothwell J, Rossini PM, Santarnecchi E, Shafi MM, Siebner HR, Ugawa Y, Wassermann EM, Zangen A, Ziemann U, Hallett M; basis of this article began with a Consensus Statement from the IFCN Workshop on "Present, Future of TMS: Safety, Ethical Guidelines", Siena, October 17-20, 2018, updating through April 2020. Safety and recommendations for TMS use in healthy subjects and patient populations, with updates on training, ethical and regulatory issues: Expert Guidelines. *Clin Neurophysiol*. 2021 Jan;132(1):269-306. doi: 10.1016/j.clinph.2020.10.003. Epub 2020 Oct 24. PMID: 33243615.

21: Suwala AK, Stichel D, Schrimpf D, Kloor M, Wefers AK, Reinhardt A, Maas SLN, Kratz CP, Schweizer L, Hasselblatt M, Snuderl M, Abedalthagafi MSJ, Abdullaev Z, Monoranu CM, Bergmann M, Pekrun A, Freyschlag C, Aronica E, Kramm CM, Hinz F, Sievers P, Korshunov A, Kool M, Pfister SM, Sturm D, Jones DTW, Wick W, Unterberg A, Hartmann C, Dodgshun A, Tabori U, Wesseling P, Sahm F, von Deimling A, Reuss DE. Primary mismatch repair deficient IDH-mutant astrocytoma (PMMRDIA) is a distinct type with a poor prognosis. *Acta Neuropathol*. 2021 Jan;141(1):85-100. doi: 10.1007/s00401-020-02243-6. Epub 2020 Nov 20. PMID: 33216206; PMCID: PMC7785563.

22: Haumesser JK, Beck MH, Pellegrini F, Kühn J, Neumann WJ, Altschüler J, Harnack D, Kupsch A, Nikulin VV, Kühn AA, van Riesen C. Subthalamic beta oscillations correlate with dopaminergic degeneration in experimental parkinsonism. *Exp Neurol*. 2021 Jan;335:113513. doi: 10.1016/j.expneurol.2020.113513. Epub 2020 Oct 24. PMID: 33148526.

23: Mielke D, Rohde V. Randomized controlled trials-a critical re-appraisal. *Neurosurg Rev*. 2020 Oct 6. doi: 10.1007/s10143-020-01401-4. Epub ahead of print. PMID: 33025186.

24: Hernández-Durán S, Wolfert C, Rohde V, Mielke D. Cerebellar Necrosectomy Instead of Suboccipital Decompression: A Suitable Alternative for Patients with Space-Occupying cerebellar infarction. *World Neurosurg*. 2020 Dec;144:e723-e733. doi: 10.1016/j.wneu.2020.09.067. Epub 2020 Sep 22. PMID: 32977029.

25: Xin WQ, Sun PJ, Li F, Cheng MX, Yang SX, Cui BL, Wang ZG, Yang XY. Risk factors involved in the formation of multiple intracranial aneurysms. *Clin Neurol Neurosurg*. 2020 Nov;198:106172. doi: 10.1016/j.clineuro.2020.106172. Epub 2020 Sep 4. PMID: 32942133.

26: Wessels L, Fekonja LS, Achberger J, Dengler J, Czabanka M, Hecht N, Schneider U, Tkatschenko D, Schebesch KM, Schmidt NO, Mielke D, Hosch H, Ganslandt O, Gräwe A, Hong B, Walter J, Güresir E, Bijlenga P, Haemmerli J, Maldaner N, Marbacher S, Nurminen V, Zitek H, Dammers R, Kato N, Linfante I, Pedro MT, Wrede K, Wang WT, Wostrack M, Vajkoczy P. Diagnostic reliability of the Berlin classification for complex MCA aneurysms-usability in a series of only giant aneurysms. *Acta*

Neurochir (Wien). 2020 Nov;162(11):2753-2758. doi: 10.1007/s00701-020-04565-6. Epub 2020 Sep 15. PMID: 32929543; PMCID: PMC7550378.

27: Hussein A, Rohde V, Wolfert C, Hernandez-Duran S, Fiss I, Bleckmann A, Freer AB, Mielke D, Schatlo B. Survival after resection of brain metastases with white light microscopy versus fluorescence-guidance: A matched cohort analysis of the Metastasis study data. *Oncotarget*. 2020 Aug 11;11(32):3026-3034. doi: 10.18632/oncotarget.27688. PMID: 32850007; PMCID: PMC7429181.

28: Al Kasab S, Almallouhi E, Alawieh A, Levitt MR, Jabbour P, Sweid A, Starke RM, Saini V, Wolfe SQ, Fargen KM, Arthur AS, Goyal N, Pandhi A, Fragata I, Maier I, Matouk C, Grossberg JA, Howard BM, Kan P, Hafeez M, Schirmer CM, Crowley RW, Joshi KC, Tjoumakaris SI, Chowdry S, Ares W, Ogilvy C, Gomez-Paz S, Rai AT, Mokin M, Guerrero W, Park MS, Mascitelli JR, Yoo A, Williamson R, Grande AW, Crosa RJ, Webb S, Psychogios MN, Ducruet AF, Holmstedt CA, Ringer AJ, Spiotta AM; STAR collaborators. International experience of mechanical thrombectomy during the COVID-19 pandemic: insights from STAR and ENRG. *J Neurointerv Surg*. 2020 Nov;12(11):1039-1044. doi: 10.1136/neurintsurg-2020-016671. Epub 2020 Aug 25. PMID: 32843359; PMCID: PMC7453763.

29: Müller S, Khadhraoui E, Khanafer A, Psychogios M, Rohde V, Tanrikulu L. Differentiation of arterial and venous neurovascular conflicts estimates the clinical outcome after microvascular decompression in trigeminal neuralgia. *BMC Neurol*. 2020 Jul 14;20(1):279. doi: 10.1186/s12883-020-01860-8. PMID: 32664930; PMCID: PMC7359280.

30: Tsogkas I, Malinova V, Schregel K, Mielke D, Behme D, Rohde V, Knauth M, Psychogios MN. Angioplasty with the scepter C dual lumen balloon catheter and postprocedural result evaluation in patients with subarachnoid hemorrhage related vasospasms. *BMC Neurol*. 2020 Jun 29;20(1):260. doi: 10.1186/s12883-020-01792-3. PMID: 32600433; PMCID: PMC7322884.

31: Krohn L, Ruskey JA, Rudakou U, Leveille E, Asayesh F, Hu MTM, Arnulf I, Dauvilliers Y, Högl B, Stefani A, Monaca CC, Abril B, Plazzi G, Antelmi E, Ferini-Strambi L, Heidbreder A, Boeve BF, Espay AJ, De Cock VC, Mollenhauer B, Sixel-Döring F, Trenkwalder C, Sonka K, Kemlink D, Figorilli M, Puligheddu M, Dijkstra F, Viaene M, Oertel W, Toffoli M, Gigli GL, Valente M, Gagnon JF, Desautels A, Montplaisir JY, Postuma RB, Rouleau GA, Gan-Or Z. <i>GBA</i> variants in REM sleep behavior disorder: A multicenter study. *Neurology*. 2020 Aug 25;95(8):e1008-e1016. doi: 10.1212/WNL.00000000000010042. Epub 2020 Jun 26. PMID: 32591474; PMCID: PMC7668554.

32: Hernández-Durán S, Zafar N, Behme D, Momber M, Rohde V, Mielke D, Fiss I. Volumetric analysis of bilateral spinal canal decompression via hemilaminectomy versus laminoplasty in cervical spondylotic myelopathy. *Acta Neurochir (Wien)*. 2020 Sep;162(9):2069-2074. doi: 10.1007/s00701-020-04453-z. Epub 2020 Jun 25. PMID: 32583084; PMCID: PMC7415020.

33: Gerdes C, Waal N, Offner T, Fornasiero EF, Wender N, Verbarg H, Manzini I, Trenkwalder C, Mollenhauer B, Strohäker T, Zweckstetter M, Becker S, Rizzoli SO, Basmanav FB, Opazo F. A nanobody-based fluorescent reporter reveals human α -synuclein in the cell cytosol. *Nat Commun*. 2020 Jun 1;11(1):2729. doi: 10.1038/s41467-020-16575-0. PMID: 32483166; PMCID: PMC7264335.

34: Sisodiya SM, Whelan CD, Hatton SN, Huynh K, Altmann A, Ryten M, Vezzani A, Caligiuri ME, Labate A, Gambardella A, Ives-Deliperi V, Meletti S, Munsell BC, Bonilha L, Tondelli M, Rebsamen M, Rummel C, Vaudano AE, Wiest R, Balachandra AR, Bargalló N, Bartolini E, Bernasconi A, Bernasconi N, Bernhardt B, Caldirou B, Carr SJA, Cavalleri GL, Cendes F, Concha L, Desmond PM, Domin M, Duncan JS, Focke NK, Guerrini R, Hamandi K, Jackson GD, Jahanshad N, Kälviäinen R, Keller SS, Kochunov P, Kowalczyk MA, Kreilkamp BAK, Kwan P, Larivière S, Lenge M, Lopez SM, Martin P, Mascalchi M, Moreira JCV, Morita-Sherman ME, Pardoe HR, Pariente JC, Raviteja K, Rocha CS, Rodríguez-Cruces R, Seeck M,

Semmelroch MKHG, Sinclair B, Soltanian-Zadeh H, Stein DJ, Striano P, Taylor PN, Thomas RH, Thomopoulos SI, Velakoulis D, Vivash L, Weber B, Yasuda CL, Zhang J, Thompson PM, McDonald CR; ENIGMA Consortium Epilepsy Working Group. The ENIGMA-Epilepsy working group: Mapping disease from large data sets. *Hum Brain Mapp.* 2020 May 29. doi: 10.1002/hbm.25037. Epub ahead of print. PMID: 32468614.

35: Hopfner F, Mueller SH, Szymczak S, Junge O, Tittmann L, May S, Lohmann K, Grallert H, Lieb W, Strauch K, Müller-Nurasyid M, Berger K, Schormair B, Winkelmann J, Mollenhauer B, Trenkwalder C, Maetzler W, Berg D, Kasten M, Klein C, Höglinger GU, Gasser T, Deuschl G, Franke A, Krawczak M, Dempfle A, Kuhlenbäumer G. Private variants in PRKN are associated with late-onset Parkinson's disease. *Parkinsonism Relat Disord.* 2020 Jun;75:24-26. doi: 10.1016/j.parkreldis.2020.05.003. Epub 2020 May 11. PMID: 32442813.

36: Yao J, Qiao H, Jin Z, Wang R, Huang H, Fang L, Chen Y, Tai K, Chen Y, Doeppner TR, Chen Z, Kuchta K. Ginkgo biloba and Its Constituent 6-hydroxykynurenic-acid as well as Its Proanthocyanidins Exert Neurorestorative Effects against Cerebral Ischemia. *Planta Med.* 2020 Jul;86(10):696-707. doi: 10.1055/a-1146-2861. Epub 2020 May 15. PMID: 32413917.

37: Behme D, Sack H, Tsogkas I, Rohde V, Psychogios MN. Correction to: SMART coils for intracranial aneurysm repair - a single center experience. *BMC Neurol.* 2020 May 14;20(1):188. doi: 10.1186/s12883-020-01767-4. Erratum for: *BMC Neurol.* 2020 Jan 29;20(1):38. PMID: 32410677; PMCID: PMC7222698.

38: Rudakou U, Futhey NC, Krohn L, Ruskey JA, Heilbron K, Cannon P; 23andMe Research Team, Alam A, Arnulf I, Hu MTM, Montplaisir JY, Gagnon JF, Desautels A, Dauvilliers Y, Toffoli M, Gigli GL, Valente M, Högl B, Stefani A, Holzknecht E, Sonka K, Kemlink D, Oertel W, Janzen A, Plazzi G, Antelmi E, Figorilli M, Puligheddu M, Mollenhauer B, Trenkwalder C, Sixel-Döring F, De Cock VC, Monaca CC, Heidebreder A, Ferini-Strambi L, Dijkstra F, Viaene M, Abril B, Boeve BF, Postuma RB, Rouleau GA, Gan-Or Z. SMPD-1 variants do not have a major role in rapid eye movement sleep behavior disorder. *Neurobiol Aging.* 2020 Sep;93:142.e5-142.e7. doi: 10.1016/j.neurobiolaging.2020.04.005. Epub 2020 Apr 18. PMID: 32409254.

39: Schregel K, Nowicki MO, Palotai M, Nazari N, Zane R, Sinkus R, Lawler SE, Patz S. Magnetic Resonance Elastography reveals effects of anti-angiogenic glioblastoma treatment on tumor stiffness and captures progression in an orthotopic mouse model. *Cancer Imaging.* 2020 May 12;20(1):35. doi: 10.1186/s40644-020-00314-1. PMID: 32398076; PMCID: PMC7218549.

40: Papa SM, Brundin P, Fung VSC, Kang UJ, Burn DJ, Colosimo C, Chiang HL, Alcalay RN, Trenkwalder C; MDS-Scientific Issues Committee. Impact of the COVID-19 Pandemic on Parkinson's Disease and Movement Disorders. *Mov Disord Clin Pract.* 2020 Apr 16;7(4):357-360. doi: 10.1002/mdc3.12953. PMID: 32373651; PMCID: PMC7197322.

41: Styczen H, Maus V, Hesse AC, Goertz L, Fischer S, Riedel C, Forsting M, Radbruch A, Behme D. Impact of early division of the middle cerebral artery on outcome following mechanical thrombectomy. *Interv Neuroradiol.* 2020 Aug;26(4):389-395. doi: 10.1177/1591019920920987. Epub 2020 Apr 27. PMID: 32340515; PMCID: PMC7446592.

42: Mynarek M, von Hoff K, Pietsch T, Ottensmeier H, Warmuth-Metz M, Bison B, Pfister S, Korshunov A, Sharma T, Jaeger N, Ryzhova M, Zheludkova O, Golanov A, Rushing EJ, Hasselblatt M, Koch A, Schüller U, von Deimling A, Sahm F, Sill M, Riemenschneider MJ, Dohmen H, Monoranu CM, Sommer C, Staszewski O, Mawrin C, Schittenhelm J, Brück W, Filipowski K, Hartmann C, Meinhardt M, Pietschmann K, Haberler C, Slavc I, Gerber NU, Grotzer M, Benesch M, Schlegel PG, Deinlein F, von Bueren AO,

Friedrich C, Juhnke BO, Obrecht D, Fleischhack G, Kwiecien R, Faldum A, Kortmann RD, Kool M, Rutkowski S. Nonmetastatic Medulloblastoma of Early Childhood: Results From the Prospective Clinical Trial HIT-2000 and An Extended Validation Cohort. *J Clin Oncol*. 2020 Jun 20;38(18):2028-2040. doi: 10.1200/JCO.19.03057. Epub 2020 Apr 24. PMID: 32330099.

43: Papa SM, Brundin P, Fung VSC, Kang UJ, Burn DJ, Colosimo C, Chiang HL, Alcalay RN, Trenkwalder C; MDS-Scientific Issues Committee. Impact of the COVID-19 Pandemic on Parkinson's Disease and Movement Disorders. *Mov Disord*. 2020 May;35(5):711-715. doi: 10.1002/mds.28067. Epub 2020 Apr 16. PMID: 32250460; PMCID: PMC7996401.

44: Castel D, Kergrohen T, Tauziède-Espariat A, Mackay A, Ghermaoui S, Lechapt E, Pfister SM, Kramm CM, Boddaert N, Blauwblomme T, Puget S, Beccaria K, Jones C, Jones DTW, Varlet P, Grill J, Debily MA. Histone H3 wild-type DIPG/DMG overexpressing EZHIP extend the spectrum diffuse midline gliomas with PRC2 inhibition beyond H3-K27M mutation. *Acta Neuropathol*. 2020 Jun;139(6):1109-1113. doi: 10.1007/s00401-020-02142-w. Epub 2020 Mar 19. PMID: 32193787.

45: Rohde V. Special Issue - The Idea Behind. *J Neurol Surg A Cent Eur Neurosurg*. 2020 Mar;81(2):91-92. doi: 10.1055/s-0040-1705149. Epub 2020 Mar 16. PMID: 32176930.

46: Bhidayasiri R, Sringean J, Trenkwalder C. Mastering nocturnal jigsaws in Parkinson's disease: a dusk-to-dawn review of night-time symptoms. *J Neural Transm (Vienna)*. 2020 May;127(5):763-777. doi: 10.1007/s00702-020-02170-6. Epub 2020 Mar 14. PMID: 32172472.

47: Behling F, Barrantes-Freer A, Behnes CL, Stockhammer F, Rohde V, Adel- Horowski A, Rodríguez-Villagra OA, Barboza MA, Brück W, Lehmann U, Stadelmann C, Hartmann C. Expression of Olig2, Nestin, NogoA and AQP4 have no impact on overall survival in IDH-wildtype glioblastoma. *PLoS One*. 2020 Mar 11;15(3):e0229274. doi: 10.1371/journal.pone.0229274. PMID: 32160197; PMCID: PMC7065747.

48: Pensold D, Reichard J, Van Loo KMJ, Ciganok N, Hahn A, Bayer C, Liebmann L, Groß J, Tittelmeier J, Lingner T, Salinas-Riester G, Symmank J, Halfmann C, González-Bermúdez L, Urbach A, Gehrmann J, Costa I, Pieler T, Hübner CA, Vatter H, Kampa B, Becker AJ, Zimmer-Bensch G. DNA Methylation-Mediated Modulation of Endocytosis as Potential Mechanism for Synaptic Function Regulation in Murine Inhibitory Cortical Interneurons. *Cereb Cortex*. 2020 Jun 1;30(7):3921-3937. doi: 10.1093/cercor/bhaa009. PMID: 32147726; PMCID: PMC7264686.

49: Bhidayasiri R, Panyakaew P, Trenkwalder C, Jeon B, Hattori N, Jagota P, Wu YR, Moro E, Lim SY, Shang H, Rosales R, Lee JY, Thit WM, Tan EK, Lim TT, Tran NT, Binh NT, Phoumindr A, Boonmongkol T, Phokaewvarangkul O, Thongchuan Y, Vorachit S, Plengsri R, Chokpatcharavate M, Fernandez HH. Delivering patient- centered care in Parkinson's disease: Challenges and consensus from an international panel. *Parkinsonism Relat Disord*. 2020 Mar;72:82-87. doi: 10.1016/j.parkreldis.2020.02.013. Epub 2020 Feb 27. PMID: 32146380.

50: Uhlig A, Uhlig J, Trojan L, Kim HS. Stereotactic Body Radiotherapy for Stage I Renal Cell Carcinoma: National Treatment Trends and Outcomes Compared to Partial Nephrectomy and Thermal Ablation. *J Vasc Interv Radiol*. 2020 Apr;31(4):564-571. doi: 10.1016/j.jvir.2019.11.009. Epub 2020 Feb 29. PMID: 32127324.

51: Daniel B, Henrik S, Ioannis T, Veit R, Marios-Nikos P. SMART coils for intracranial aneurysm repair - a single center experience. *BMC Neurol*. 2020 Jan 29;20(1):38. doi: 10.1186/s12883-020-1623-9. Erratum in: *BMC Neurol*. 2020 May 14;20(1):188. PMID: 31996152; PMCID: PMC6988290.

52: Styczen H, Maus V, Tsogkas I, Meila D, Bester M, Buhk JH, Psychogios MN. Initial Experience with

Transradial Access for Cerebrovascular Procedures: Is It Feasible and Safe? *World Neurosurg.* 2020 Apr;136:e593-e600. doi: 10.1016/j.wneu.2020.01.078. Epub 2020 Jan 17. PMID: 31958588.

53: Ludwig HC, Reitemeyer M, Bock HC, Sigler M. Hydrocephalus shunt therapy: current titanium shunt valve implants obstructed by internal tissue proliferations identified as extracellular matrix membranes. *Childs Nerv Syst.* 2020 Nov;36(11):2717-2724. doi: 10.1007/s00381-019-04467-8. Epub 2019 Dec 16. PMID: 31845028.

54: Trenkwalder C, Mollenhauer B. Movement disorders in 2019: from antibodies to lifestyle interventions. *Lancet Neurol.* 2020 Jan;19(1):10-12. doi: 10.1016/S1474-4422(19)30438-7. PMID: 31839237.

55: Dengler J, Rüfenacht D, Meyer B, Rohde V, Endres M, Lenga P, Uttinger K, Rücker V, Wostrack M, Kursumovic A, Hong B, Mielke D, Schmidt NO, Burkhardt JK, Bijlenga P, Boccardi E, Cognard C, Heuschmann PU, Vajkoczy P; Giant Intracranial Aneurysm Study Group. Giant intracranial aneurysms: natural history and 1-year case fatality after endovascular or surgical treatment. *J Neurosurg.* 2019 Dec 6;134(1):49-57. doi: 10.3171/2019.8.JNS183078. PMID: 31812141.

56: Bunevicius A, Schregel K, Sinkus R, Golby A, Patz S. REVIEW: MR elastography of brain tumors. *Neuroimage Clin.* 2020;25:102109. doi: 10.1016/j.nicl.2019.102109. Epub 2019 Nov 23. PMID: 31809993; PMCID: PMC6909210.

57: Anadani M, Arthur AS, Alawieh A, Orabi Y, Alexandrov A, Goyal N, Psychogios MN, Maier I, Kim JT, Keyrouz SG, de Havenon A, Petersen NH, Pandhi A, Swisher CB, Inamullah O, Liman J, Kodali S, Giles JA, Allen M, Wolfe SQ, Tsvigoulis G, Cagle BA, Oravec CS, Gory B, De Marini P, Kan P, Rahman S, Richard S, Nascimento FA, Spiotta A. Blood pressure reduction and outcome after endovascular therapy with successful reperfusion: a multicenter study. *J Neurointerv Surg.* 2020 Oct;12(10):932-936. doi: 10.1136/neurintsurg-2019-015561. Epub 2019 Dec 5. PMID: 31806668; PMCID: PMC7998040.

58: Miloserdov K, Schmidt-Samoa C, Williams K, Weinrich CA, Kagan I, Bürk K, Trenkwalder C, Bähr M, Wilke M. Aberrant functional connectivity of resting state networks related to misperceptions and intra-individual variability in Parkinson's disease. *Neuroimage Clin.* 2020;25:102076. doi: 10.1016/j.nicl.2019.102076. Epub 2019 Nov 5. PMID: 31794926; PMCID: PMC6906716.

59: Boswijk E, Franssen R, Vijgen GHEJ, Wierts R, van der Pol JAJ, Mingels AMA, Cornips EMJ, Majoie MHJM, van Marken Lichtenbelt WD, Mottaghy FM, Wildberger JE, Bucerius J. Short-term discontinuation of vagal nerve stimulation alters ¹⁸F-FDG blood pool activity: an exploratory interventional study in epilepsy patients. *EJNMMI Res.* 2019 Nov 27;9(1):101. doi: 10.1186/s13550-019-0567-9. PMID: 31773320; PMCID: PMC6879675.

60: Eisenring CV, Burn F, Baumann M, Stieglitz LH, Kockro RA, Beck J, Raabe A, Oertel MF. sEVD-smartphone-navigated placement of external ventricular drains. *Acta Neurochir (Wien).* 2020 Mar;162(3):513-521. doi: 10.1007/s00701-019-04131-9. Epub 2019 Nov 25. PMID: 31761975; PMCID: PMC7046572.

61: Maass F, Michalke B, Willkommen D, Leha A, Schulte C, Tönges L, Mollenhauer B, Trenkwalder C, Rückamp D, Börger M, Zerr I, Bähr M, Lingor P. Elemental fingerprint: Reassessment of a cerebrospinal fluid biomarker for Parkinson's disease. *Neurobiol Dis.* 2020 Feb;134:104677. doi: 10.1016/j.nbd.2019.104677. Epub 2019 Nov 13. PMID: 31733347.

62: Hertel J, Harms AC, Heinken A, Baldini F, Thinnies CC, Glaab E, Vasco DA, Pietzner M, Stewart ID,

Wareham NJ, Langenberg C, Trenkwalder C, Krüger R, Hankemeier T, Fleming RMT, Mollenhauer B, Thiele I. Integrated Analyses of Microbiome and Longitudinal Metabolome Data Reveal Microbial-Host Interactions on Sulfur Metabolism in Parkinson's Disease. *Cell Rep.* 2019 Nov 12;29(7):1767-1777.e8. doi: 10.1016/j.celrep.2019.10.035. PMID: 31722195; PMCID: PMC6856723.

63: Rohde V. How much "real world" data is needed for clinical decision-making? *Acta Neurochir (Wien).* 2019 Dec;161(12):2421-2422. doi: 10.1007/s00701-019-04082-1. Epub 2019 Oct 23. PMID: 31642997.

64: Bosche B, Mergenthaler P, Doeppner TR, Hescheler J, Molcanyi M. Complex Clearance Mechanisms After Intraventricular Hemorrhage and rt-PA Treatment-a Review on Clinical Trials. *Transl Stroke Res.* 2020 Jun;11(3):337-344. doi: 10.1007/s12975-019-00735-6. Epub 2019 Sep 14. PMID: 31522408.

65: Spering C, Lefering R, Bouillon B, Lehmann W, von Eckardstein K, Dresing K, Sehmisch S. It is time for a change in the management of elderly severely injured patients! An analysis of 126,015 patients from the TraumaRegister DGU®. *Eur J Trauma Emerg Surg.* 2020 Jun;46(3):487-497. doi: 10.1007/s00068-019-01229-8. Epub 2019 Sep 13. PMID: 31520156.

66: Bikson M, Esmaeilpour Z, Adair D, Kronberg G, Tyler WJ, Antal A, Datta A, Sabel BA, Nitsche MA, Loo C, Edwards D, Ekhtiari H, Knotkova H, Woods AJ, Hampstead BM, Badran BW, Peterchev AV. Transcranial Electrostimulation nomenclature. *Brain Stimul.* 2019 Nov-Dec;12(6):1349-1366. doi: 10.1016/j.brs.2019.07.010. Epub 2019 Jul 17. PMID: 31358456; PMCID: PMC6851475.

67: Brehm A, Tsogkas I, Maier IL, Eisenberg HJ, Yang P, Liu JM, Liman J, Psychogios MN. One-Stop Management with Perfusion for Transfer Patients with Stroke due to a Large-Vessel Occlusion: Feasibility and Effects on In-Hospital Times. *AJNR Am J Neuroradiol.* 2019 Aug;40(8):1330-1334. doi: 10.3174/ajnr.A6129. Epub 2019 Jul 11. PMID: 31296523; PMCID: PMC7048466.

68: Müller SJ, Freimann FB, von der Brelie C, Rohde V, Schatlo B. Test-Retest Reliability of Outpatient Telemetric Intracranial Pressure Measurements in Shunt-Dependent Patients with Hydrocephalus and Idiopathic Intracranial Hypertension. *World Neurosurg.* 2019 Nov;131:e74-e80. doi: 10.1016/j.wneu.2019.07.014. Epub 2019 Jul 8. PMID: 31295619.

69: Trenkwalder C, Paulus W. Pharmacological treatments of augmentation in restless legs syndrome patients. *Adv Pharmacol.* 2019;84:255-265. doi: 10.1016/bs.apha.2019.02.002. Epub 2019 Mar 20. PMID: 31229175.

70: Mullins N, Bigdeli TB, Børghlum AD, Coleman JRI, Demontis D, Mehta D, Power RA, Ripke S, Stahl EA, Starnawska A, Anjorin A; M.R.C.Psych, Corvin A, Sanders AR, Forstner AJ, Reif A, Koller AC, Świątkowska B, Baune BT, Müller-Myhsok B, Penninx BWJH, Pato C, Zai C, Rujescu D, Hougaard DM, Quested D, Levinson DF, Binder EB, Byrne EM, Agerbo E; Dr.Med.Sc, Streit F, Mayoral F, Bellivier F, Degenhardt F, Breen G, Morken G, Turecki G, Rouleau GA, Grabe HJ, Völzke H, Jones I, Giegling I, Agartz I, Melle I, Lawrence J; M.R.C.Psych, Walters JTR, Strohmaier J, Shi J, Hauser J, Biernacka JM, Vincent JB, Kelsoe J, Strauss JS, Lissowska J, Pimm J; M.R.C.Psych, Smoller JW, Guzman-Parra J, Berger K, Scott LJ, Jones LA, Azevedo MH, Trzaskowski M, Kogevinas M, Rietschel M, Boks M, Ising M, Grigoriu-Serbanescu M, Hamshere ML, Leboyer M, Frye M, Nöthen MM, Alda M, Preisig M, Nordentoft M, Boehnke M, O'Donovan MC, Owen MJ, Pato MT, Renteria ME, Budde M; Dipl.-Psych, Weissman MM, Wray NR, Bass N; M.R.C.Psych, Craddock N, Smeland OB, Andreassen OA, Mors O, Gejman PV, Sklar P, McGrath P, Hoffmann P, McGuffin P, Lee PH, Mortensen PB, Kahn RS, Ophoff RA, Adolfsson R, Van der Auwera S, Djurovic S, Kloiber S, Heilmann-Heimbach S, Jamain S, Hamilton SP, McElroy SL, Lucae S, Cichon S, Schulze TG, Hansen T, Werge T, Air TM, Nimgaonkar V, Appadurai V, Cahn W, Milaneschi Y; Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium; Bipolar Disorder

Working Group of the Psychiatric Genomics Consortium; Schizophrenia Working Group of the Psychiatric Genomics Consortium, Fanous AH, Kendler KS, McQuillin A, Lewis CM. GWAS of Suicide Attempt in Psychiatric Disorders and Association With Major Depression Polygenic Risk Scores. *Am J Psychiatry*. 2019 Aug 1;176(8):651-660. doi: 10.1176/appi.ajp.2019.18080957. Epub 2019 Jun 5. PMID: 31164008; PMCID: PMC6675659.

71: Wolfert C, Rohde V, Mielke D, Hernández-Durán S. Female Neurosurgeons in Europe-On a Prevailing Glass Ceiling. *World Neurosurg*. 2019 Sep;129:460-466. doi: 10.1016/j.wneu.2019.05.137. Epub 2019 May 25. PMID: 31132491.

72: Psychogios MN, Tsogkas I, Brehm A, Hesse A, McTaggart R, Goyal M, Maier I, Schnieder M, Behme D, Maus V. Clot reduction prior to embolectomy: mSAVE as a first-line technique for large clots. *PLoS One*. 2019 May 9;14(5):e0216258. doi: 10.1371/journal.pone.0216258. PMID: 31071109; PMCID: PMC6508681.

73: Beutner D, Grosheva M. Reconstruction of complex defects of the extracranial facial nerve: technique of "the trifurcation approach". *Eur Arch Otorhinolaryngol*. 2019 Jun;276(6):1793-1798. doi: 10.1007/s00405-019-05418-4. Epub 2019 Apr 4. PMID: 30949826.

74: Bock HC, Dreha-Kulaczewski SF, Alaid A, Gärtner J, Ludwig HC. Upward movement of cerebrospinal fluid in obstructive hydrocephalus-revision of an old concept. *Childs Nerv Syst*. 2019 May;35(5):833-841. doi: 10.1007/s00381-019-04119-x. Epub 2019 Mar 27. PMID: 30919042.

75: Anadani M, Spiotta A, Alawieh A, Turjman F, Piotin M, Steglich-Arnholm H, Holtmannspötter M, Taschner C, Eiden S, Haussen DC, Nogueira R, Papanagiotou P, Boutchakova M, Siddiqui AH, Lapergue B, Dorn F, Cognard C, Killer-Oberpfalzer M, Mangiafico S, Ribo M, Psychogios MN, Labeyrie MA, Mazighi M, Biondi A, Anxionnat R, Bracard S, Richard S, Gory B; TITAN (Thrombectomy In TANdem Lesions) Investigators. Effect of extracranial lesion severity on outcome of endovascular thrombectomy in patients with anterior circulation tandem occlusion: analysis of the TITAN registry. *J Neurointerv Surg*. 2019 Oct;11(10):970-974. doi: 10.1136/neurintsurg-2018-014629. Epub 2019 Mar 6. PMID: 30842304.

76: Trenkwalder C, Kuoppamäki M, Vahteristo M, Müller T, Ellmén J. Increased dose of carbidopa with levodopa and entacapone improves "off" time in a randomized trial. *Neurology*. 2019 Mar 26;92(13):e1487-e1496. doi: 10.1212/WNL.00000000000007173. Epub 2019 Mar 1. PMID: 30824559; PMCID: PMC6453771.

77: Martinez-Martin P, Rizos AM, Wetmore JB, Antonini A, Odin P, Pal S, Sophia R, Carroll C, Martino D, Falup-Pecurariu C, Kessel B, Andrews T, Paviour D, Trenkwalder C, Chaudhuri KR; EUROPAR & MDS Non-Motor PD Study Group. Relationship of Nocturnal Sleep Dysfunction and Pain Subtypes in Parkinson's Disease. *Mov Disord Clin Pract*. 2018 Nov 8;6(1):57-64. doi: 10.1002/mdc3.12694. PMID: 30746417; PMCID: PMC6335509.

78: Salminen AV, Allen RP, Högl B, Inoue Y, Oertel W, Winkelmann JW, Trenkwalder C, Sampaio C, Winkelmann J. Reply to: A note on rotigotine for restless legs syndrome after renal transplantation. *Mov Disord*. 2019 Jan;34(1):152-153. doi: 10.1002/mds.27570. PMID: 30653726.

79: Salminen AV, Allen RP, Högl B, Inoue Y, Oertel W, Winkelmann JW, Trenkwalder C, Sampaio C, Winkelmann J. Reply to: Safety of dopamine agonists for treating restless legs syndrome. *Mov Disord*. 2019 Jan;34(1):150-151. doi: 10.1002/mds.27571. PMID: 30653723.

80: Hoogland J, Boel JA, de Bie RMA, Schmand BA, Gekus RB, Dalrymple-Alford JC, Marras C, Adler CH, Weintraub D, Junque C, Pedersen KF, Mollenhauer B, Goldman JG, Tröster AI, Burn DJ, Litvan I, Geurtsen GJ; MDS Study Group "Validation of Mild Cognitive Impairment in Parkinson's disease". *Risk*

of Parkinson's disease dementia related to level I MDS PD-MCI. *Mov Disord.* 2019 Mar;34(3):430-435. doi: 10.1002/mds.27617. Epub 2019 Jan 17. PMID: 30653248.

81: Sachkova A, Sperling S, Mielke D, Schatlo B, Rohde V, Ninkovic M. Combined Applications of Repurposed Drugs and Their Detrimental Effects on Glioblastoma Cells. *Anticancer Res.* 2019 Jan;39(1):207-214. doi: 10.21873/anticancer.13099. PMID: 30591460.

82: Maier IL, Hofer S, Joseph AA, Merboldt KD, Eggert E, Behme D, Schregel K, von der Brelie C, Rohde V, Koch J, Psychogios MN, Frahm J, Liman J, Bähr M. Quantification of spinal cord compression using T1 mapping in patients with cervical spinal canal stenosis - Preliminary experience. *Neuroimage Clin.* 2019;21:101639. doi: 10.1016/j.nicl.2018.101639. Epub 2018 Dec 10. PMID: 30553763; PMCID: PMC6411921.

83: Mollenhauer B, Zimmermann J, Sixel-Döring F, Focke NK, Wicke T, Ebentheuer J, Schaumburg M, Lang E, Friede T, Trenkwalder C; DeNoPa Study Group. Baseline predictors for progression 4 years after Parkinson's disease diagnosis in the De Novo Parkinson Cohort (DeNoPa). *Mov Disord.* 2019 Jan;34(1):67-77. doi: 10.1002/mds.27492. Epub 2018 Nov 23. PMID: 30468694.

84: Büttner B, Dracklé J, Kristof K, Hinz J, Schwarz A, Bauer M, Mansur A, Bergmann I. Paths of femoral nerve catheters placed using ultrasound-guided in plane vs out of plane techniques: A randomized controlled clinical trial. *Medicine (Baltimore).* 2018 Oct;97(43):e12958. doi: 10.1097/MD.00000000000012958. PMID: 30412115; PMCID: PMC6221616.

85: Castel D, Philippe C, Kergrohen T, Sill M, Merlevede J, Barret E, Puget S, Sainte-Rose C, Kramm CM, Jones C, Varlet P, Pfister SM, Grill J, Jones DTW, Debily MA. Transcriptomic and epigenetic profiling of 'diffuse midline gliomas, H3 K27M-mutant' discriminate two subgroups based on the type of histone H3 mutated and not supratentorial or infratentorial location. *Acta Neuropathol Commun.* 2018 Nov 5;6(1):117. doi: 10.1186/s40478-018-0614-1. PMID: 30396367; PMCID: PMC6219253.

86: Wojtala J, Heber IA, Neuser P, Heller J, Kalbe E, Rehberg SP, Storch A, Linse K, Schneider C, Gräber S, Berg D, Dams J, Balzer-Geldsetzer M, Hilker- Roggendorf R, Oberschmidt C, Baudrexel S, Witt K, Schmidt N, Deuschl G, Mollenhauer B, Trenkwalder C, Liepelt-Scarfone I, Spottke A, Roeske S, Wüllner U, Wittchen HU, Riedel O, Dodel R, Schulz JB, Reetz K. Cognitive decline in Parkinson's disease: the impact of the motor phenotype on cognition. *J Neurol Neurosurg Psychiatry.* 2019 Feb;90(2):171-179. doi: 10.1136/jnnp-2018-319008. Epub 2018 Oct 8. PMID: 30297519.

87: Schwiedrzik CM, Sudmann SS, Thesen T, Wang X, Groppe DM, Mégevand P, Doyle W, Mehta AD, Devinsky O, Melloni L. Medial prefrontal cortex supports perceptual memory. *Curr Biol.* 2018 Sep 24;28(18):R1094-R1095. doi: 10.1016/j.cub.2018.07.066. PMID: 30253147.

88: Trenkwalder C, Allen R, Högl B, Clemens S, Patton S, Schormair B, Winkelmann J. Comorbidities, treatment, and pathophysiology in restless legs syndrome. *Lancet Neurol.* 2018 Nov;17(11):994-1005. doi: 10.1016/S1474-4422(18)30311-9. Epub 2018 Sep 21. PMID: 30244828.

89: Uhlig J, Ludwig JM, Goldberg SB, Chiang A, Blasberg JD, Kim HS. Survival Rates after Thermal Ablation versus Stereotactic Radiation Therapy for Stage 1 Non-Small-cell lung cancer: A National Cancer Database Study. *Radiology.* 2018 Dec;289(3):862-870. doi: 10.1148/radiol.2018180979. Epub 2018 Sep 18. PMID: 30226453.

90: Rutkowski S, Modena P, Williamson D, Kerl K, Nysom K, Pizer B, Bartels U, Puget S, Doz F, Michalski A, von Hoff K, Chevignard M, Avula S, Murray MJ, Schönberger S, Czech T, Schouten-van Meeteren AYN, Kordes U, Kramm CM, van Vuurden DG, Hulleman E, Janssens GO, Solanki GA, van Veelen MC, Thomale U, Schuhmann MU, Jones C, Giangaspero F, Figarella-Branger D, Pietsch T,

Clifford SC, Pfister SM, Van Gool SW. Biological material collection to advance translational research and treatment of children with CNS tumours: position paper from the SIOPE Brain Tumour Group. *Lancet Oncol*. 2018 Aug;19(8):e419-e428. doi: 10.1016/S1470-2045(18)30364-4. PMID: 30102236.

91: Katzenschlager R, Poewe W, Rascol O, Trenkwalder C, Deuschl G, Chaudhuri KR, Henriksen T, van Laar T, Spivey K, Vel S, Staines H, Lees A. Apomorphine subcutaneous infusion in patients with Parkinson's disease with persistent motor fluctuations (TOLEDO): a multicentre, double-blind, randomised, placebo- controlled trial. *Lancet Neurol*. 2018 Sep;17(9):749-759. doi: 10.1016/S1474-4422(18)30239-4. Epub 2018 Jul 25. PMID: 30055903.

92: Murray CE, Gami-Patel P, Gkanatsiou E, Brinkmalm G, Portelius E, Wirths O, Heywood W, Blennow K, Ghiso J, Holton JL, Mills K, Zetterberg H, Revesz T, Lashley T. The presubiculum is preserved from neurodegenerative changes in Alzheimer's disease. *Acta Neuropathol Commun*. 2018 Jul 20;6(1):62. doi: 10.1186/s40478-018-0563-8. PMID: 30029687; PMCID: PMC6053705.

93: Schwiedrzik CM, Melloni L, Schurger A. Mooney face stimuli for visual perception research. *PLoS One*. 2018 Jul 6;13(7):e0200106. doi: 10.1371/journal.pone.0200106. PMID: 29979727; PMCID: PMC6034866.

94: Büttner B, Mansur A, Kalmbach M, Hinz J, Volk T, Szalai K, Roessler M, Bergmann I. Prehospital ultrasound-guided nerve blocks improve reduction- feasibility of dislocated extremity injuries compared to systemic analgesia. A randomized controlled trial. *PLoS One*. 2018 Jul 2;13(7):e0199776. doi: 10.1371/journal.pone.0199776. PMID: 29965991; PMCID: PMC6028078.

95: Durner G, Piano M, Lenga P, Mielke D, Hohaus C, Guhl S, Maldaner N, Burkhardt JK, Pedro MT, Lehmborg J, Rufenacht D, Bijlenga P, Etminan N, Krauss JK, Boccardi E, Hänggi D, Vajkoczy P, Dengler J; Giant Intracranial Aneurysm Study Group. Cranial nerve deficits in giant cavernous carotid aneurysms and their relation to aneurysm morphology and location. *Acta Neurochir (Wien)*. 2018 Aug;160(8):1653-1660. doi: 10.1007/s00701-018-3580-2. Epub 2018 Jun 9. PMID: 29948299.

96: 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, Hämläinen 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 RJ, 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, Hervas 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, Figuee 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, Lönngqvist 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, Grigoriou-Serbanescu M, Edenberg HJ, Murray R. Analysis of shared heritability in common disorders of the brain. *Science*. 2018 Jun 22;360(6395):eaap8757. doi: 10.1126/science.aap8757. PMID: 29930110; PMCID: PMC6097237.

97: Martinez-Martin P, Rizos AM, Wetmore J, Antonini A, Odin P, Pal S, Sophia R, Carroll C, Martino D, Falup-Pecurariu C, Kessel B, Andrews T, Paviour D, Trenkwalder C, Chaudhuri KR; EUROPAR and MDS

- Non-motor PD Study Group. First comprehensive tool for screening pain in Parkinson's disease: the King's Parkinson's Disease Pain Questionnaire. *Eur J Neurol*. 2018 Oct;25(10):1255-1261. doi: 10.1111/ene.13691. Epub 2018 Jun 22. PMID: 29806962.
- 98: Isaacson SH, Fahn S, Pahwa R, Tanner CM, Espay AJ, Trenkwalder C, Adler CH, Patni R, Johnson R. Parkinson's Patients with Dyskinesia Switched from Immediate Release Amantadine to Open-label ADS-5102. *Mov Disord Clin Pract*. 2018 Mar- Apr;5(2):183-190. doi: 10.1002/mdc3.12595. Epub 2018 Feb 23. PMID: 29780852; PMCID: PMC5947645.
- 99: Winkelmann J, Allen RP, Högl B, Inoue Y, Oertel W, Salminen AV, Winkelman JW, Trenkwalder C, Sampaio C. Treatment of restless legs syndrome: Evidence- based review and implications for clinical practice (Revised 2017)[§]. *Mov Disord*. 2018 Jul;33(7):1077-1091. doi: 10.1002/mds.27260. Epub 2018 May 14. PMID: 29756335.
- 100: Meyer-Marcotty P, Kunz F, Schweitzer T, Wachter B, Böhm H, Waßmuth N, Linz C. Cranial growth in infants—A longitudinal three-dimensional analysis of the first months of life. *J Craniomaxillofac Surg*. 2018 Jun;46(6):987-993. doi: 10.1016/j.jcms.2018.04.009. Epub 2018 Apr 11. PMID: 29709329.
- 101: Mielke D, Malinova V, Moerer O, Suntheim P, Voit M, Rohde V. Does the subspecialty of an intensive care unit (ICU) has an impact on outcome in patients suffering from aneurysmal subarachnoid hemorrhage? *Neurosurg Rev*. 2019 Mar;42(1):147-153. doi: 10.1007/s10143-018-0973-x. Epub 2018 Mar 30. PMID: 29603031.
- 102: Ouled Amar Bencheikh B, Ruskey JA, Arnulf I, Dauvilliers Y, Monaca CC, De Cock VC, Gagnon JF, Spiegelman D, Hu MTM, Högl B, Stefani A, Ferini-Strambi L, Plazzi G, Antelmi E, Young P, Heidebreder A, Mollenhauer B, Sixel-Döring F, Trenkwalder C, Oertel W, Montplaisir JY, Postuma RB, Rouleau GA, Gan-Or Z. LRRK2 protective haplotype and full sequencing study in REM sleep behavior disorder. *Parkinsonism Relat Disord*. 2018 Jul;52:98-101. doi: 10.1016/j.parkreldis.2018.03.019. Epub 2018 Mar 21. PMID: 29576439.
- 103: Hernández-Durán S, Mielke D, Rohde V, Malinova V. The application of the unruptured intracranial aneurysm treatment score: a retrospective, single-center study. *Neurosurg Rev*. 2018 Oct;41(4):1021-1028. doi: 10.1007/s10143-018-0944-2. Epub 2018 Feb 1. PMID: 29388120.
- 104: Sachkova A, Schemmerling T, Goldberg M, Solomiichuk V, Rohde V, von Eckardstein KL, Schatlo B. Predictors of ventricular tension pneumocephalus after posterior fossa surgery in the sitting position. *Acta Neurochir (Wien)*. 2018 Mar;160(3):525-538. doi: 10.1007/s00701-017-3444-1. Epub 2018 Jan 6. PMID: 29307024.
- 105: Schregel K, Nazari N, Nowicki MO, Palotai M, Lawler SE, Sinkus R, Barbone PE, Patz S. Characterization of glioblastoma in an orthotopic mouse model with magnetic resonance elastography. *NMR Biomed*. 2018 Oct;31(10):e3840. doi: 10.1002/nbm.3840. Epub 2017 Nov 29. PMID: 29193449; PMCID: PMC6538416.
- 106: Grau S, Kellermann S, Faust M, Perrech M, Beutner D, Drzezga A, Zöller J. Repair of Cerebrospinal fluid fistula Using a Transfrontal, Radial Adipofascial Flap: An Individual Approach Supported by Three-Dimensional Printing for Surgical Planning. *World Neurosurg*. 2018 Feb;110:315-318. doi: 10.1016/j.wneu.2017.11.083. Epub 2017 Nov 23. PMID: 29174229.
- 107: Müller-Rebstein S, Trenkwalder C, Ebentheuer J, Oertel WH, Culmsee C, Höglinger GU. Drug Safety Analysis in a Real-Life Cohort of Parkinson's Disease Patients with Polypharmacy. *CNS Drugs*. 2017 Dec;31(12):1093-1102. doi: 10.1007/s40263-017-0478-0. PMID: 29139041.

- 108: 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. PMID: 29121274; PMCID: PMC6007398.
- 109: Mackay A, Burford A, Carvalho D, Izquierdo E, Fazal-Salom J, Taylor KR, Bjerke L, Clarke M, Vinci M, Nandhabalan M, Temelso S, Popov S, Molinari V, Raman P, Waanders AJ, Han HJ, Gupta S, Marshall L, Zacharoulis S, Vaidya S, Mandeville HC, Bridges LR, Martin AJ, Al-Sarraj S, Chandler C, Ng HK, Li X, Mu K, Trabelsi S, Brahim DH, Kisljakov AN, Konovalov DM, Moore AS, Carcaboso AM, Sunol M, de Torres C, Cruz O, Mora J, Shats LI, Stavale JN, Bidinotto LT, Reis RM, Entz-Werle N, Farrell M, Cryan J, Crimmins D, Caird J, Pears J, Monje M, Debily MA, Castel D, Grill J, Hawkins C, Nikbakht H, Jabado N, Baker SJ, Pfister SM, Jones DTW, Fouladi M, von Bueren AO, Baudis M, Resnick A, Jones C. Integrated Molecular Meta-Analysis of 1,000 Pediatric High-Grade and Diffuse Intrinsic Pontine Glioma. *Cancer Cell.* 2017 Oct 9;32(4):520-537.e5. doi: 10.1016/j.ccell.2017.08.017. Epub 2017 Sep 28. PMID: 28966033; PMCID: PMC5637314.
- 110: Linz C, Schweitzer T, Brenner LC, Kunz F, Meyer-Marcotty P, Wermke K. Does shape affect function? Articulatory skills in babbling of infants with deformational plagiocephaly. *Childs Nerv Syst.* 2018 Mar;34(3):503-510. doi: 10.1007/s00381-017-3576-x. Epub 2017 Sep 5. PMID: 28875353.
- 111: Trezzi JP, Galozzi S, Jaeger C, Barkovits K, Brockmann K, Maetzler W, Berg D, Marcus K, Betsou F, Hiller K, Mollenhauer B. Distinct metabolomic signature in cerebrospinal fluid in early parkinson's disease. *Mov Disord.* 2017 Oct;32(10):1401-1408. doi: 10.1002/mds.27132. Epub 2017 Aug 26. PMID: 28843022.
- 112: Heintz-Buschart A, Pandey U, Wicke T, Sixel-Döring F, Janzen A, Sittig- Wiegand E, Trenkwalder C, Oertel WH, Mollenhauer B, Wilmes P. The nasal and gut microbiome in Parkinson's disease and idiopathic rapid eye movement sleep behavior disorder. *Mov Disord.* 2018 Jan;33(1):88-98. doi: 10.1002/mds.27105. Epub 2017 Aug 26. PMID: 28843021; PMCID: PMC5811909.
- 113: Oertel W, Eggert K, Pahwa R, Tanner CM, Hauser RA, Trenkwalder C, Ehret R, Azulay JP, Isaacson S, Felt L, Stempien MJ. Randomized, placebo-controlled trial of ADS-5102 (amantadine) extended-release capsules for levodopa-induced dyskinesia in Parkinson's disease (EASE LID 3). *Mov Disord.* 2017 Dec;32(12):1701-1709. doi: 10.1002/mds.27131. Epub 2017 Aug 21. PMID: 28833562; PMCID: PMC5763269.
- 114: Stangenberg M, Viezens L, Eicker SO, Mohme M, Mende KC, Dreimann M. Cervical vertebroplasty for osteolytic metastases as a minimally invasive therapeutic option in oncological surgery: outcome in 14 cases. *Neurosurg Focus.* 2017 Aug;43(2):E3. doi: 10.3171/2017.5.FOCUS17175. PMID: 28760030.
- 115: Alaid A, von Eckardstein K, Smoll NR, Solomiichuk V, Rohde V, Martinez R, Schatlo B. Robot guidance for percutaneous minimally invasive placement of pedicle screws for pyogenic spondylodiscitis is associated with lower rates of wound breakdown compared to conventional fluoroscopy-guided instrumentation. *Neurosurg Rev.* 2018 Apr;41(2):489-496. doi: 10.1007/s10143-017-0877-1. Epub 2017 Jul 20. PMID: 28726010.
- 116: Obeso JA, Trenkwalder C. What would Dr. James Parkinson think today? The 21st Annual Congress of the International Parkinson's disease and movement disorders society. *Mov Disord.* 2017

Jul;32(7):951-954. doi: 10.1002/mds.27108. PMID: 28712120.

117: Barkhausen J, Kahn T, Krombach GA, Kuhl CK, Lotz J, Maintz D, Ricke J, Schönberg SO, Vogl TJ, Wacker FK; German Association of Chairmen in Academic Radiology (KLR). White Paper: Interventional MRI: Current Status and Potential for Development Considering Economic Perspectives, Part 1: General Application. *Rofo*. 2017 Jul;189(7):611-623. English. doi: 10.1055/s-0043-110011. Epub 2017 Jun 26. PMID: 28651276.

118: 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, Børglum 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, Sinnamoni 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. PMID: 28632202; PMCID: PMC5537640.

119: von Steinbüchel N, Real RGL, Sasse N, Wilson L, Otto C, Mullins R, Behr R, Deinsberger W, Martinez-Olivera R, Puschendorf W, Petereit W, Rohde V, Schmidt H, Sehmisch S, Stürmer KM, von Wild K, Gibbons H. German validation of Quality of Life after Brain Injury (QOLIBRI) assessment and associated factors. *PLoS One*. 2017 May 24;12(5):e0176668. doi: 10.1371/journal.pone.0176668. PMID: 28542226; PMCID: PMC5443488.

120: van den Bruck R, Weil PP, Ziegenhals T, Schreiner P, Juranek S, Gödde 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, Haege 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, Böhne 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, Racz

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, Ensenauer R, Nemes K, Frühwald M, Hasselblatt M, Siebert R, Kordes U, Kool M, Wang H, Hardy H, Refai O, Barwick KES, Zimmermann 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, Schneelee 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. PMID: 28516419; PMCID: PMC5435609.

121: Viezens L, Schaefer C, Helmers R, Vettorazzi E, Schroeder M, Hansen- Algenstaedt N. Spontaneous Pyogenic Spondylodiscitis in the Thoracic or Lumbar Spine: A Retrospective Cohort Study Comparing the Safety and Efficacy of Minimally Invasive and Open Surgery Over a Nine-Year Period. *World Neurosurg.* 2017 Jun;102:18-27. doi: 10.1016/j.wneu.2017.02.129. Epub 2017 Mar 9. PMID: 28286275.

122: Mollenhauer B, Weintraub D. The depressed brain in Parkinson's disease: Implications for an inflammatory biomarker. *Proc Natl Acad Sci U S A.* 2017 Mar 21;114(12):3004-3005. doi: 10.1073/pnas.1700737114. Epub 2017 Mar 10. PMID: 28283656; PMCID: PMC5373331.

123: Maier IL, Behme D, Schnieder M, Tsogkas I, Schregel K, Bähr M, Knauth M, Liman J, Psychogios MN. Early computed tomography-based scores to predict decompressive hemicraniectomy after endovascular therapy in acute ischemic stroke. *PLoS One.* 2017 Mar 10;12(3):e0173737. doi: 10.1371/journal.pone.0173737. PMID: 28282456; PMCID: PMC5345861.

124: Trezzi JP, Jäger C, Galozzi S, Barkovits K, Marcus K, Mollenhauer B, Hiller K. Metabolic profiling of body fluids and multivariate data analysis. *MethodsX.* 2017 Feb 20;4:95-103. doi: 10.1016/j.mex.2017.02.004. PMID: 28275554; PMCID: PMC5329063.

125: Ratnaparkhe M, Hlevnjak M, Kolb T, Jauch A, Maass KK, Devens F, Rode A, Hovestadt V, Korshunov A, Pastorczak A, Mlynarski W, Sungalee S, Korbel J, Hoell J, Fischer U, Milde T, Kramm C, Nathrath M, Chrzanowska K, Tausch E, Takagi M, Taga T, Constantini S, Loeffen J, Meijerink J, Zielen S, Gohring G, Schlegelberger B, Maass E, Siebert R, Kunz J, Kulozik AE, Worst B, Jones DT, Pfister SM, Zapatka M, Lichter P, Ernst A. Genomic profiling of Acute lymphoblastic leukemia in ataxia telangiectasia patients reveals tight link between ATM mutations and chromothripsis. *Leukemia.* 2017 Oct;31(10):2048-2056. doi: 10.1038/leu.2017.55. Epub 2017 Feb 15. PMID: 28196983.

126: Schroeder M, Viezens L, Kunkel P, Ridderbusch K, Hissnauer TN, Jungesblut OD, Hoffmann M, Rueger JM, Stuecker R. Posterior Only Vertebral Column Resection for the Treatment of Severe Spinal Deformities in Pediatric Patients: A Retrospective Case Series. *World Neurosurg.* 2017 May;101:425-430. doi: 10.1016/j.wneu.2017.01.118. Epub 2017 Feb 10. PMID: 28192267.

127: Shahnawaz M, Tokuda T, Waragai M, Mendez N, Ishii R, Trenkwalder C, Mollenhauer B, Soto C. Development of a Biochemical Diagnosis of Parkinson Disease by Detection of α -Synuclein Misfolded Aggregates in Cerebrospinal Fluid. *JAMA Neurol.* 2017 Feb 1;74(2):163-172. doi: 10.1001/jamaneurol.2016.4547. PMID: 27918765.

128: Hutter G, Sailer M, Azad TD, von Bueren AO, Nollau P, Frank S, Tostado C, Sarvepalli D, Ghosh A, Ritz MF, Boulay JL, Mariani L. Reverse phase protein arrays enable glioblastoma molecular subtyping. *J Neurooncol.* 2017 Feb;131(3):437-448. doi: 10.1007/s11060-016-2316-5. Epub 2016 Nov 17. PMID:

27858266.

129: Kabbasch C, Mpotsaris A, Behme D, Dorn F, Stavrinou P, Liebig T. Pipeline Embolization Device for Treatment of Intracranial Aneurysms-The More, the Better? A Single-center Retrospective Observational Study. *J Vasc Interv Neurol.* 2016 Oct;9(2):14-20. PMID: 27829966; PMCID: PMC5094256.

130: Formisano R, Longo E, Azicnuda E, Silvestro D, D'Ippolito M, Truelle JL, von Steinbüchel N, von Wild K, Wilson L, Rigon J, Barba C, Forcina A, Giustini M. Quality of life in persons after traumatic brain injury as self-perceived and as perceived by the caregivers. *Neurol Sci.* 2017 Feb;38(2):279-286. doi: 10.1007/s10072-016-2755-y. Epub 2016 Nov 8. PMID: 27826793.

131: von Eckardstein KL, Sixel-Döring F, Kazmaier S, Trenkwalder C, Hoover JM, Rohde V. Asphyxia due to laryngeal spasm as a severe complication of awake deep brain stimulation for Parkinson's disease: a case report. *BMC Neurol.* 2016 Nov 8;16(1):216. doi: 10.1186/s12883-016-0736-7. PMID: 27821134; PMCID: PMC5100222.

132: von Eckardstein KL, Kallenberg K, Psychogios MN, Schatlo B, Rohde V, Ludwig HC, Bock HC. Contrast-enhanced shunt series ("shuntography") compare favorably to other shunt imaging modalities in detecting shunt occlusion. *Acta Neurochir (Wien).* 2017 Jan;159(1):63-70. doi: 10.1007/s00701-016-3007-x. Epub 2016 Nov 5. PMID: 27817007.

133: Kohnen R, Martinez-Martin P, Benes H, Trenkwalder C, Högl B, Dunkl E, Walters AS. Validation of the Kohnen Restless Legs Syndrome-Quality of Life instrument. *Sleep Med.* 2016 Aug;24:10-17. doi: 10.1016/j.sleep.2016.04.019. Epub 2016 Aug 3. PMID: 27810174.

134: Gosau M, Haupt M, Thude S, Strowitzki M, Schminke B, Buegers R. Antimicrobial effect and biocompatibility of novel metallic nanocrystalline implant coatings. *J Biomed Mater Res B Appl Biomater.* 2016 Nov;104(8):1571-1579. doi: 10.1002/jbm.b.33376. Epub 2015 Aug 21. PMID: 26293552.

135: Miller AM, Rutkowska A, Bahl JM, Herukka SK, Koel-Simmelink MJ, Kruse N, Mollenhauer B, Siloaho M, Skinningsrud A, Zetterberg H, Teunissen CE, Lawlor BA. Multicenter immunoassay validation of cerebrospinal fluid neurofilament light: a biomarker for neurodegeneration. *Bioanalysis.* 2016 Nov;8(21):2243-2254. doi: 10.4155/bio-2016-0114. Epub 2016 Sep 29. PMID: 27684648.

136: Hassler C, Guy J, Nietzsche M, Plachta DT, Staiger JF, Stieglitz T. Intracortical polyimide electrodes with a bioresorbable coating. *Biomed Microdevices.* 2016 Oct;18(5):81. doi: 10.1007/s10544-016-0106-7. PMID: 27534649.

137: Maier IL, Karch A, Lipke C, Behme D, Mpotsaris A, Kabbasch C, Liebig T, Faymonville A, Reich A, Nikoubashman O, Buhk JH, von Schoenfeld P, Weber W, Mikolajczyk RT, Bähr M, Knauth M, Kallenberg K, Liman J. Transluminal angioplasty and stenting versus conservative treatment in patients with symptomatic basilar artery stenosis : Perspective for future clinical trials. *Clin Neuroradiol.* 2018 Mar;28(1):33-38. doi: 10.1007/s00062-016-0528-x. Epub 2016 Aug 9. PMID: 27506672.

138: Viezens L, Dreimann M, Gessler R, Stangenberg M, Eicker SO. Lumbar Neuroforaminal Decompression with a Flexible Microblade Shaver System: Results of a Cadaveric Study. *World Neurosurg.* 2016 Oct;94:57-63. doi: 10.1016/j.wneu.2016.06.106. Epub 2016 Jul 1. PMID: 27377224.

139: Wilson L, Marsden-Loftus I, Koskinen S, Bakx W, Bullinger M, Formisano R, Maas A, Neugebauer E, Powell J, Sarajuuri J, Sasse N, von Steinbüchel N, von Wild K, Truelle JL. Interpreting Quality of Life after Brain Injury Scores: Cross-Walk with the Short Form-36. *J Neurotrauma.* 2017 Jan 1;34(1):59-65.

doi: 10.1089/neu.2015.4287. Epub 2016 Jul 8. PMID: 27297289.

140: Trenkwalder C, Stocchi F, Poewe W, Dronamraju N, Kenney C, Shah A, von Raison F, Graf A. Mavoglurant in Parkinson's patients with L-Dopa-induced dyskinesias: Two randomized phase 2 studies. *Mov Disord*. 2016 Jul;31(7):1054-8. doi: 10.1002/mds.26585. Epub 2016 May 23. PMID: 27214258.

141: Kang JH, Mollenhauer B, Coffey CS, Toledo JB, Weintraub D, Galasko DR, Irwin DJ, Van Deerlin V, Chen-Plotkin AS, Caspell-Garcia C, Waligórska T, Taylor P, Shah N, Pan S, Zero P, Frasier M, Marek K, Kiebertz K, Jennings D, Tanner CM, Simuni T, Singleton A, Toga AW, Chowdhury S, Trojanowski JQ, Shaw LM; Parkinson's Progression Marker Initiative. CSF biomarkers associated with disease heterogeneity in early Parkinson's disease: the Parkinson's Progression Markers Initiative study. *Acta Neuropathol*. 2016 Jun;131(6):935-49. doi: 10.1007/s00401-016-1552-2. Epub 2016 Mar 28. PMID: 27021906; PMCID: PMC5031365.

142: 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. PMID: 26990766.

143: Heyn H, Vidal E, Ferreira HJ, Vizoso M, Sayols S, Gomez A, Moran S, Boque- Sastre R, Guil S, Martinez-Cardus A, Lin CY, Royo R, Sanchez-Mut JV, Martinez R, Gut M, Torrents D, Orozco M, Gut I, Young RA, Esteller M. Epigenomic analysis detects aberrant super-enhancer DNA methylation in human cancer. *Genome Biol*. 2016 Jan 26;17:11. doi: 10.1186/s13059-016-0879-2. PMID: 26813288; PMCID: PMC4728783.

144: Koubeissi MZ, Fernandez-Baca Vaca G, Maciunas R, Stephani C. A white matter tract mediating awareness of speech. *Neurology*. 2016 Jan 12;86(2):177-9. doi: 10.1212/WNL.0000000000002246. Epub 2015 Dec 7. PMID: 26643545.

145: Martínez R, Stühmer W, Martin S, Schell J, Reichmann A, Rohde V, Pardo L. Analysis of the expression of Kv10.1 potassium channel in patients with brain metastases and glioblastoma multiforme: impact on survival. *BMC Cancer*. 2015 Nov 3;15:839. doi: 10.1186/s12885-015-1848-y. PMID: 26530050; PMCID: PMC4632660.

146: Trenkwalder C, Chaudhuri KR, Martinez-Martin P, Rascol O, Ehret R, Vališ M, Satori M, Krygowska-Wajs A, Marti MJ, Reimer K, Oksche A, Lomax M, DeCesare J, Hopp M; PANDA study group. Prolonged-release oxycodone-naloxone for treatment of severe pain in patients with Parkinson's disease (PANDA): a double-blind, randomised, placebo-controlled trial. *Lancet Neurol*. 2015 Dec;14(12):1161-70. doi: 10.1016/S1474-4422(15)00243-4. Epub 2015 Oct 19. PMID: 26494524.

147: Moccia M, Mollenhauer B, Erro R, Picillo M, Palladino R, Barone P. Non- Motor Correlates of Smoking Habits in de Novo Parkinson's Disease. *J Parkinsons Dis*. 2015;5(4):913-24. doi: 10.3233/JPD-150639. PMID: 26485426.

148: Wostrack M, Mielke D, Kato N, Guhl S, Schmidt NO, Maldaner N, Vajkoczy P, Dengler J; Giant Intracranial Aneurysm Study Group. Interobserver variability in the characterization of giant intracranial aneurysms with special emphasis on aneurysm diameter and shape. *Acta Neurochir (Wien)*. 2015 Nov;157(11):1859-65. doi: 10.1007/s00701-015-2587-1. Epub 2015 Sep 22. PMID: 26395008.

- 149: Simonsen AH, Kuiperij B, El-Agnaf OM, Engelborghs S, Herukka SK, Parnetti L, Rektorova I, Vanmechelen E, Kapaki E, Verbeek M, Mollenhauer B. The utility of α -synuclein as biofluid marker in neurodegenerative diseases: a systematic review of the literature. *Biomark Med*. 2016;10(1):19-34. doi: 10.2217/BMM.14.105. Epub 2015 Aug 28. PMID: 26314196.
- 150: Mielke D, Rohde V. Bilateral spinal canal decompression via hemilaminectomy in cervical spondylotic myelopathy. *Acta Neurochir (Wien)*. 2015 Oct;157(10):1813-7. doi: 10.1007/s00701-015-2549-7. Epub 2015 Aug 23. PMID: 26298593.
- 151: Tallen G, Resch A, Calaminus G, Wiener A, Leiss U, Pletschko T, Friedrich C, Langer T, Grabow D, Driever PH, Kortmann RD, Timmermann B, Pietsch T, Warmuth-Metz M, Bison B, Thomale UW, Krauss J, Mynarek M, von Hoff K, Ottensmeier H, Frühwald M, Kramm CM, Temming P, Müller HL, Witt O, Kordes U, Fleischhack G, Gnekow A, Rutkowski S; German Paediatric Brain Tumour Consortium (HIT-Network). Strategies to improve the quality of survival for childhood brain tumour survivors. *Eur J Paediatr Neurol*. 2015 Nov;19(6):619-39. doi: 10.1016/j.ejpn.2015.07.011. Epub 2015 Jul 26. PMID: 26278499.
- 152: von Bueren AO, Friedrich C, von Hoff K, Kwiecien R, Müller K, Pietsch T, Warmuth-Metz M, Hau P, Benesch M, Kuehl J, Kortmann RD, Rutkowski S. Metastatic medulloblastoma in adults: outcome of patients treated according to the HIT2000 protocol. *Eur J Cancer*. 2015 Nov;51(16):2434-43. doi: 10.1016/j.ejca.2015.06.124. Epub 2015 Aug 5. PMID: 26254812.
- 153: Winkelmueller M, Kolodziej MA, Welke W, Koulousakis A, Martinez R. Subcutaneous Peripheral Nerve Field Stimulation for the Treatment of Chronic Back Pain: Patient Selection and Technical Aspects. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Jan;77(1):63-7. doi: 10.1055/s-0035-1547362. Epub 2015 Jul 27. PMID: 26216732.
- 154: Kehler U, Kiefer M, Eymann R, Wagner W, Tschan CA, Langer N, Rohde V, Ludwig HC, Gliemroth J, Meier U, Lemcke J, Thomale UW, Fritsch M, Krauss JK, Mirzayan MJ, Schuhmann M, Huthmann A. PROSAIKA: a prospective multicenter registry with the first programmable gravitational device for hydrocephalus shunting. *Clin Neurol Neurosurg*. 2015 Oct;137:132-6. doi: 10.1016/j.clineuro.2015.07.002. Epub 2015 Jul 8. PMID: 26196478.
- 155: Trenkwalder C, Chaudhuri KR, García Ruiz PJ, LeWitt P, Katzenschlager R, Sixel-Döring F, Henriksen T, Sesar Á, Poewe W; Expert Consensus Group for Use of Apomorphine in Parkinson's Disease, Baker M, Ceballos-Baumann A, Deuschl G, Drapier S, Ebersbach G, Evans A, Fernandez H, Isaacson S, van Laar T, Lees A, Lewis S, Martínez Castrillo JC, Martinez-Martin P, Odin P, O'Sullivan J, Tagaris G, Wenzel K. Expert Consensus Group report on the use of apomorphine in the treatment of Parkinson's disease—Clinical practice recommendations. *Parkinsonism Relat Disord*. 2015 Sep;21(9):1023-30. doi: 10.1016/j.parkreldis.2015.06.012. Epub 2015 Jun 17. PMID: 26189414.
- 156: Sommer M, Stiksrud EM, von Eckardstein K, Rohde V, Paulus W. When battery exhaustion lets the lame walk: a case report on the importance of long-term stimulator monitoring in deep brain stimulation. *BMC Neurol*. 2015 Jul 19;15:113. doi: 10.1186/s12883-015-0365-6. PMID: 26187628; PMCID: PMC4506586.
- 157: Llorens F, Kruse N, Schmitz M, Shafiq M, da Cunha JE, Gotzman N, Zafar S, Thune K, de Oliveira JR, Mollenhauer B, Zerr I. Quantification of CSF biomarkers using an electrochemiluminescence-based detection system in the differential diagnosis of AD and sCJD. *J Neurol*. 2015 Oct;262(10):2305-11. doi: 10.1007/s00415-015-7837-x. Epub 2015 Jul 11. PMID: 26162713.
- 158: Kruse N, Persson S, Alcolea D, Bahl JM, Baldeiras I, Capello E, Chiasserini D, Bocchio Chiavetto L,

Emersic A, Engelborghs S, Eren E, Fladby T, Frisoni G, García-Ayllón MS, Genc S, Gkatzima O, Heegaard NH, Janeiro AM, Kováčech B, Kuiperij HB, Leitão MJ, Lleó A, Martins M, Matos M, Mollergard HM, Nobili F, Öhrfelt A, Parnetti L, de Oliveira CR, Rot U, Sáez-Valero J, Struyfs H, Tanassi JT, Taylor P, Tsolaki M, Vanmechelen E, Verbeek MM, Zilka N, Blennow K, Zetterberg H, Mollenhauer B. Validation of a quantitative cerebrospinal fluid alpha-synuclein assay in a European-wide interlaboratory study. *Neurobiol Aging*. 2015 Sep;36(9):2587-96. doi: 10.1016/j.neurobiolaging.2015.05.003. Epub 2015 May 15. PMID: 26093515.

159: Dengler J, Maldaner N, Bijlenga P, Burkhardt JK, Graewe A, Guhl S, Hong B, Hohaus C, Kursumovic A, Mielke D, Schebesch KM, Wostrack M, Rufenacht D, Vajkoczy P, Schmidt NO; Giant Intracranial Aneurysm Study Group. Perianeurysmal edema in giant intracranial aneurysms in relation to aneurysm location, size, and partial thrombosis. *J Neurosurg*. 2015 Aug;123(2):446-52. doi: 10.3171/2014.10.JNS141560. Epub 2015 Apr 17. Erratum in: *J Neurosurg*. 2015 Aug;123(2):478. PMID: 25884259.

160: Bode F, Blanck O, Gebhard M, Hunold P, Grossherr M, Brandt S, Vonthein R, Thiele H, Dunst J, Rades D. Pulmonary vein isolation by radiosurgery: implications for non-invasive treatment of atrial fibrillation. *Europace*. 2015 Dec;17(12):1868-74. doi: 10.1093/europace/euu406. Epub 2015 Mar 3. PMID: 25736725.

161: Muntean ML, Trenkwalder C, Walters AS, Mollenhauer B, Sixel-Döring F. REM Sleep Behavioral Events and Dreaming. *J Clin Sleep Med*. 2015 Apr 15;11(5):537-41. doi: 10.5664/jcsm.4698. PMID: 25665694; PMCID: PMC4410927.

162: von Eckardstein KL, Dohmes JE, Rohde V. Use of closed suction devices and other drains in spinal surgery: results of an online, Germany-wide questionnaire. *Eur Spine J*. 2016 Mar;25(3):708-15. doi: 10.1007/s00586-015-3790-8. Epub 2015 Feb 8. PMID: 25662908.

163: Hibar DP, Stein JL, Renteria ME, Arias-Vasquez A, Desrivières 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, Zwiers MP, Alhusaini S, Athanasiu L, Ehrlich S, Hakobyan 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 Zubizaray 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. PMID: 25607358; PMCID: PMC4393366.

164: Picchietti DL, Hensley JG, Bainbridge JL, Lee KA, Manconi M, McGregor JA, Silver RM, Trenkwalder C, Walters AS; International Restless Legs Syndrome Study Group (IRLSSG). Consensus clinical practice guidelines for the diagnosis and treatment of restless legs syndrome/Willis-Ekbom disease during pregnancy and lactation. *Sleep Med Rev*. 2015 Aug;22:64-77. doi: 10.1016/j.smr.2014.10.009. Epub 2014 Nov 4. PMID: 25553600.

165: Doss S, Wandinger KP, Hyman BT, Panzer JA, Synofzik M, Dickerson B, Mollenhauer B, Scherzer CR, Iverson AJ, Finke C, Schöls L, Müller Vom Hagen J, Trenkwalder C, Jahn H, Höltje M, Biswal BB, Harms L, Ruprecht K, Buchert R, Höglinger GU, Oertel WH, Unger MM, Körtvélyessy P, Bittner D, Priller J, Spruth EJ, Paul F, Meisel A, Lynch DR, Dirnagl U, Endres M, Teegen B, Probst C, Komorowski L, Stöcker W, Dalmau J, Prüss H. High prevalence of NMDA receptor IgA/IgM antibodies in different dementia types. *Ann Clin Transl Neurol*. 2014 Oct;1(10):822-32. doi: 10.1002/acn3.120. Epub 2014 Oct 18. PMID: 25493273; PMCID: PMC4241809.

166: von Eckardstein KL, Keil M, Rohde V. Unnecessary dental procedures as a consequence of trigeminal neuralgia. *Neurosurg Rev*. 2015 Apr;38(2):355-60; discussion 360. doi: 10.1007/s10143-014-0591-1. Epub 2014 Nov 25. PMID: 25418511.

167: Lázaro DF, Rodrigues EF, Langohr R, Shahpasandzadeh H, Ribeiro T, Guerreiro P, Gerhardt E, Kröhnert K, Klucken J, Pereira MD, Popova B, Kruse N, Mollenhauer B, Rizzoli SO, Braus GH, Danzer KM, Outeiro TF. Systematic comparison of the effects of alpha-synuclein mutations on its oligomerization and aggregation. *PLoS Genet*. 2014 Nov 13;10(11):e1004741. doi: 10.1371/journal.pgen.1004741. PMID: 25393002; PMCID: PMC4230739.

168: Akhavan-Sigari R, Abili M, Gaab MR, Rohde V, Zafar N, Emami P, Ostertag H. Immunohistochemical expression of receptor tyrosine kinase PDGFR- α , c-Met, and EGFR in skull base chordoma. *Neurosurg Rev*. 2015 Jan;38(1):89-98; discussion 98-9. doi: 10.1007/s10143-014-0579-x. Epub 2014 Oct 17. PMID: 25323095.

169: Minikel EV, Zerr I, Collins SJ, Ponto C, Boyd A, Klug G, Karch A, Kenny J, Collinge J, Takada LT, Forner S, Fong JC, Mead S, Geschwind MD. Ascertainment bias causes false signal of anticipation in genetic prion disease. *Am J Hum Genet*. 2014 Oct 2;95(4):371-82. doi: 10.1016/j.ajhg.2014.09.003. PMID: 25279981; PMCID: PMC4185115.

170: Rohde V, Mielke D, Ryang Y, Gilsbach JM. The immediately failed lumbar disc surgery: incidence, aetiologies, imaging and management. *Neurosurg Rev*. 2015 Jan;38(1):191-5; discussion 195. doi: 10.1007/s10143-014-0573-3. Epub 2014 Sep 23. PMID: 25242202.

- 171: Akhavan-Sigari R, Ostertag H, Rohde V, Tezval H. Connection between expression of inducible nitric oxide synthase (iNOS) in skull base chordoma and lower urinary tract symptoms. *Int Urol Nephrol*. 2014 Nov;46(11):2109-16. doi: 10.1007/s11255-014-0806-y. Epub 2014 Aug 12. PMID: 25113512.
- 172: Dolatowski K, Malinova V, Frölich AM, Schramm R, Haberland U, Klotz E, Mielke D, Knauth M, Schramm P. Volume perfusion CT (VPCT) for the differential diagnosis of patients with suspected cerebral vasospasm: qualitative and quantitative analysis of 3D parameter maps. *Eur J Radiol*. 2014 Oct;83(10):1881-9. doi: 10.1016/j.ejrad.2014.06.020. Epub 2014 Jul 2. PMID: 25052872.
- 173: Esghaei M, Daliri MR. Decoding of visual attention from LFP signals of macaque MT. *PLoS One*. 2014 Jun 30;9(6):e100381. doi: 10.1371/journal.pone.0100381. PMID: 24979704; PMCID: PMC4076262.
- 174: Akhavan-Sigari R, Gaab MR, Rohde V, Abili M, Ostertag H. Prognostic significance of immunohistochemical expression of VEGFR2 and iNOS in spinal chordoma. *Eur Spine J*. 2014 Nov;23(11):2416-22. doi: 10.1007/s00586-014-3417-5. Epub 2014 Jun 15. PMID: 24929808.
- 175: Kolodziej MA, Proemmel P, Quint K, Strik HM. Cerebrospinal fluid ferritin- unspecific and unsuitable for disease monitoring. *Neurol Neurochir Pol*. 2014;48(2):116-21. doi: 10.1016/j.pjnns.2013.09.004. Epub 2014 Jan 23. PMID: 24821637.
- 176: Freimann FB, Luhdo ML, Rohde V, Vajkoczy P, Wolf S, Sprung C. The Frankfurt horizontal plane as a reference for the implantation of gravitational units: a series of 376 adult patients. *Acta Neurochir (Wien)*. 2014 Jul;156(7):1351-6. doi: 10.1007/s00701-014-2076-y. Epub 2014 May 4. PMID: 24792967.
- 177: Höland K, Boller D, Hagel C, Dolski S, Treszl A, Pardo OE, Cwiek P, Salm F, Leni Z, Shepherd PR, Styp-Rekowska B, Djonov V, von Bueren AO, Frei K, Arcaro A. Targeting class IA PI3K isoforms selectively impairs cell growth, survival, and migration in glioblastoma. *PLoS One*. 2014 Apr 9;9(4):e94132. doi: 10.1371/journal.pone.0094132. PMID: 24718026; PMCID: PMC3981776.
- 178: Martínez R, Carmona FJ, Vizoso M, Rohde V, Kirsch M, Schackert G, Ropero S, Paulus W, Barrantes A, Gomez A, Esteller M. DNA methylation alterations in grade II- and anaplastic pleomorphic xanthoastrocytoma. *BMC Cancer*. 2014 Mar 20;14:213. doi: 10.1186/1471-2407-14-213. PMID: 24650279; PMCID: PMC4000050.
- 179: Sixel-Döring F, Trautmann E, Mollenhauer B, Trenkwalder C. Rapid eye movement sleep behavioral events: a new marker for neurodegeneration in early Parkinson's disease? *Sleep*. 2014 Mar 1;37(3):431-8. doi: 10.5665/sleep.3468. PMID: 24587564; PMCID: PMC3920307.
- 180: Prömmel P, Pilgram-Pastor S, Sitter H, Buhk JH, Strik H. Neoplastic meningitis: How MRI and CSF cytology are influenced by CSF cell count and tumor type. *ScientificWorldJournal*. 2013 Dec 19;2013:248072. doi: 10.1155/2013/248072. PMID: 24453817; PMCID: PMC3881671.
- 181: Teunissen CE, Tumani H, Engelborghs S, Mollenhauer B. Biobanking of CSF: international standardization to optimize biomarker development. *Clin Biochem*. 2014 Mar;47(4-5):288-92. doi: 10.1016/j.clinbiochem.2013.12.024. Epub 2014 Jan 2. PMID: 24389077.
- 182: Syed YA, Baer A, Hofer MP, González GA, Rundle J, Myrta S, Huang JK, Zhao C, Rossner MJ, Trotter MW, Lubec G, Franklin RJ, Kotter MR. Inhibition of phosphodiesterase-4 promotes oligodendrocyte precursor cell differentiation and enhances CNS remyelination. *EMBO Mol Med*. 2013 Dec;5(12):1918-34. doi: 10.1002/emmm.201303123. Epub 2013 Oct 21. PMID: 24293318; PMCID: PMC3914530.

- 183: Schroeter MR, Koziolok M. Early reduction of therapy-resistant hypertension in a patient after single-sided renal denervation approach. *Clin Res Cardiol.* 2014 Jan;103(1):79-81. doi: 10.1007/s00392-013-0634-6. Epub 2013 Nov 19. PMID: 24249314.
- 184: Akhavan-Sigari R, Gaab MR, Rohde V, Brandis A, Tezval H, Abili M, von Eckardstein K, Ostertag H. Expression of vascular endothelial growth factor receptor 2 (VEGFR-2), inducible nitric oxide synthase (iNOS), and Ki-M1P in skull base chordoma: a series of 145 tumors. *Neurosurg Rev.* 2014 Jan;37(1):79-88. doi: 10.1007/s10143-013-0495-5. Epub 2013 Sep 3. PMID: 23999886.
- 185: Mollenhauer B, Trautmann E, Sixel-Döring F, Wicke T, Ebentheuer J, Schaumburg M, Lang E, Focke NK, Kumar KR, Lohmann K, Klein C, Schlossmacher MG, Kohnen R, Friede T, Trenkwalder C; DeNoPa Study Group. Nonmotor and diagnostic findings in subjects with de novo Parkinson's disease of the DeNoPa cohort. *Neurology.* 2013 Oct 1;81(14):1226-34. doi: 10.1212/WNL.0b013e3182a6cbd5. Epub 2013 Aug 30. PMID: 23997153.
- 186: Menke J, Schramm P, Sohns JM, Kallenberg K, Staab W. Diagnosing flow residuals in coiled cerebral aneurysms by MR angiography: meta-analysis. *J Neurol.* 2014 Apr;261(4):655-62. doi: 10.1007/s00415-013-7053-5. Epub 2013 Jul 28. PMID: 23893001; PMCID: PMC3973941.
- 187: Lakemeier S, Lind M, Schultz W, Fuchs-Winkelmann S, Timmesfeld N, Foelsch C, Peterlein CD. A comparison of intraarticular lumbar facet joint steroid injections and lumbar facet joint radiofrequency denervation in the treatment of low back pain: a randomized, controlled, double-blind trial. *Anesth Analg.* 2013 Jul;117(1):228-35. doi: 10.1213/ANE.0b013e3182910c4d. Epub 2013 Apr 30. PMID: 23632051.
- 188: Keric N, Maier GS, Samadani U, Kallenberg K, Dechent P, Brueck W, Heuer J, Rohde V. Tissue plasminogen activator induced delayed edema in experimental porcine intracranial hemorrhage: reduction with plasminogen activator inhibitor-1 administration. *Transl Stroke Res.* 2012 Jul;3(Suppl 1):88-93. doi: 10.1007/s12975-012-0188-3. Epub 2012 May 26. PMID: 23538320; PMCID: PMC3605490.
- 189: von Gottberg P, Psychogios M, Schuetze G, Cohnen J, Zwaka P, Knauth M, Schramm P. Feasibility of flat panel detector computed tomography for position assessment of external ventricular drainage. *Neurol Neurochir Pol.* 2013 Jan- Feb;47(1):32-42. doi: 10.5114/ninp.2013.32996. PMID: 23487292.
- 190: Wachter D, Reineke K, Behm T, Rohde V. Cranioplasty after decompressive hemicraniectomy: underestimated surgery-associated complications? *Clin Neurol Neurosurg.* 2013 Aug;115(8):1293-7. doi: 10.1016/j.clineuro.2012.12.002. Epub 2012 Dec 27. PMID: 23273384.
- 191: Schäper J, Wagner A, Enigk F, Brell B, Mousa SA, Habazettl H, Schäfer M. Regional sympathetic blockade attenuates activation of intestinal macrophages and reduces gut barrier failure. *Anesthesiology.* 2013 Jan;118(1):134-42. doi: 10.1097/ALN.0b013e3182784c93. PMID: 23221864.
- 192: Greke C, Neulen A, Kantelhardt SR, Birkenmayer A, Vollmer FC, Thiemann I, Giese A. Image-guided transcranial Doppler sonography for monitoring of defined segments of intracranial arteries. *J Neurosurg Anesthesiol.* 2013 Jan;25(1):55-61. doi: 10.1097/ANA.0b013e31826b3d55. PMID: 23027224.
- 193: Schneider HE, Steinmetz M, Krause U, Kriebel T, Ruschewski W, Paul T. Left cardiac sympathetic denervation for the management of life-threatening ventricular tachyarrhythmias in young patients with catecholaminergic polymorphic ventricular tachycardia and long QT syndrome. *Clin Res Cardiol.* 2013 Jan;102(1):33-42. doi: 10.1007/s00392-012-0492-7. Epub 2012 Jul 21. PMID: 22821214; PMCID: PMC3536998.

- 194: Martínez R. Beyond Genetics in Glioma Pathways: The Ever-Increasing Crosstalk between Epigenomic and Genomic Events. *J Signal Transduct.* 2012;2012:519807. doi: 10.1155/2012/519807. Epub 2012 Jun 18. PMID: 22778947; PMCID: PMC3385669.
- 195: Lakemeier S, Schofer MD, Foltz L, Schmid R, Efe T, Rohlf J, Fuchs- Winkelmann S, El-Zayat BF, Paletta JR, Foelsch C. Expression of hypoxia- inducible factor-1 α , vascular endothelial growth factor, and matrix metalloproteinases 1, 3, and 9 in hypertrophied ligamentum flavum. *J Spinal Disord Tech.* 2013 Oct;26(7):400-6. doi: 10.1097/BSD.0b013e3182495b88. PMID: 22323068.
- 196: Stockhammer F, Misch M, Helms HJ, Lengler U, Prall F, von Deimling A, Hartmann C. IDH1/2 mutations in WHO grade II astrocytomas associated with localization and seizure as the initial symptom. *Seizure.* 2012 Apr;21(3):194-7. doi: 10.1016/j.seizure.2011.12.007. Epub 2012 Jan 2. PMID: 22217666.
- 197: Rohde V, Behm T, Ludwig H, Wachter D. The role of neuronavigation in intracranial endoscopic procedures. *Neurosurg Rev.* 2012 Jul;35(3):351-8. doi: 10.1007/s10143-011-0369-7. Epub 2011 Dec 16. PMID: 22170178; PMCID: PMC3375008.
- 198: Schmidt H, Heinemann T, Elster J, Djukic M, Harscher S, Neubieser K, Prange H, Kastrup A, Rohde V. Cognition after malignant media infarction and decompressive hemicraniectomy-a retrospective observational study. *BMC Neurol.* 2011 Jun 23;11:77. doi: 10.1186/1471-2377-11-77. PMID: 21699727; PMCID: PMC3141399.
- 199: Gutenberg A, Caturegli P, Metz I, Martinez R, Mohr A, Brück W, Rohde V. Necrotizing infundibulo-hypophysitis: an entity too rare to be true? *Pituitary.* 2012 Jun;15(2):202-8. doi: 10.1007/s11102-011-0307-2. PMID: 21479815; PMCID: PMC3358537.
- 200: Gutenberg A, Brandis A, Hong B, Gunawan B, Enders C, Schaefer IM, Burger R, Ostertag H, Gaab M, Krauss JK, Füzesi L. Common molecular cytogenetic pathway in papillary tumors of the pineal region (PTPR). *Brain Pathol.* 2011 Nov;21(6):672-7. doi: 10.1111/j.1750-3639.2011.00493.x. Epub 2011 May 30. PMID: 21470326.
- 201: Gossner J. A simple training tool for CT-guided spinal pain management. *Diagn Interv Radiol.* 2011 Dec;17(4):381-3. doi: 10.4261/1305-3825.DIR.4002-10.1. Epub 2010 Dec 9. PMID: 21154227.
- 202: Rohde V, Coenen VA. Intraoperative 3-dimensional ultrasound for resection control during brain tumour removal: preliminary results of a prospective randomized study. *Acta Neurochir Suppl.* 2011;109:187-90. doi: 10.1007/978-3-211-99651-5_29. PMID: 20960341.
- 203: Wolff HA, Wagner DM, Christiansen H, Hess CF, Vorwerk H. Single fraction radiosurgery using Rapid Arc for treatment of intracranial targets. *Radiat Oncol.* 2010 Sep 13;5:77. doi: 10.1186/1748-717X-5-77. PMID: 20836871; PMCID: PMC2949676.
- 204: Vorkamp T, Foo FJ, Khan S, Schmitto JD, Wilson P. Hyperhidrosis: evolving concepts and a comprehensive review. *Surgeon.* 2010 Oct;8(5):287-92. doi: 10.1016/j.surge.2010.06.002. Epub 2010 Jul 13. PMID: 20709287.
- 205: Gutenberg A, Wegner C, Pilgram-Pastor SM, Gunawan B, Rohde V, Giese A. Paraganglioma of the filum terminale: review and report of the first case analyzed by CGH. *Clin Neuropathol.* 2010 Jul-Aug;29(4):227-32. doi: 10.5414/npp29227. PMID: 20569673.
- 206: Siam L, Rohde V. Varicosis of the venous epidural plexus caused by portocaval hypertension mimicking symptomatic lumbar disc herniation: case report and review of the literature. *Cent Eur*

Neurosurg. 2011 Aug;72(3):155-8. doi: 10.1055/s-0029-1246131. Epub 2010 Mar 31. PMID: 20358505.

207: Kim EL, Wüstenberg R, Rübsam A, Schmitz-Salue C, Warnecke G, Bücken EM, Pettkus N, Speidel D, Rohde V, Schulz-Schaeffer W, Deppert W, Giese A. Chloroquine activates the p53 pathway and induces apoptosis in human glioma cells. *Neuro Oncol*. 2010 Apr;12(4):389-400. doi: 10.1093/neuonc/nop046. Epub 2010 Jan 27. PMID: 20308316; PMCID: PMC2940600.

208: Gutenberg A, Gerdes JS, Jung K, Sander B, Gunawan B, Bock HC, Liersch T, Brück W, Rohde V, Füzesi L. High chromosomal instability in brain metastases of colorectal carcinoma. *Cancer Genet Cytogenet*. 2010 Apr 1;198(1):47-51. doi: 10.1016/j.cancergencyto.2009.12.006. PMID: 20303014.

209: Giese A, Winkler PA, Schichor C, Kantelhardt SR, Boeckh-Behrens T, Tonn JC, Rohde V. A transmedullary approach to occlusion of a ventral perimedullary arteriovenous fistula of the thoracic spinal cord. *Neurosurgery*. 2010 Mar;66(3):611-5; discussion 615. doi: 10.1227/01.NEU.0000365365.10977.48. PMID: 20173556.

210: Martinez R, Esteller M. The DNA methylome of glioblastoma multiforme. *Neurobiol Dis*. 2010 Jul;39(1):40-6. doi: 10.1016/j.nbd.2009.12.030. Epub 2010 Jan 11. PMID: 20064612.

211: Giese A, Bock HC, Kantelhardt SR, Rohde V. Risk management in the treatment of malignant gliomas with BCNU wafer implants. *Cent Eur Neurosurg*. 2010 Nov;71(4):199-206. doi: 10.1055/s-0029-1242775. Epub 2010 Jan 8. PMID: 20063259.

212: Kantelhardt SR, Fadini T, Finke M, Kallenberg K, Siemerikus J, Bockermann V, Matthaeus L, Paulus W, Schweikard A, Rohde V, Giese A. Robot-assisted image-guided transcranial magnetic stimulation for somatotopic mapping of the motor cortex: a clinical pilot study. *Acta Neurochir (Wien)*. 2010 Feb;152(2):333-43. doi: 10.1007/s00701-009-0565-1. Epub 2009 Nov 27. PMID: 19943069; PMCID: PMC2815301.

213: Gutenberg A, Landek-Salgado M, Tzou SC, Lupi I, Geis A, Kimura H, Caturegli P. Autoimmune hypophysitis: expanding the differential diagnosis to CTLA-4 blockade. *Expert Rev Endocrinol Metab*. 2009 Nov;4(6):681-698. doi: 10.1586/eem.09.37. PMID: 30780785.

214: Gutenberg A, Larsen J, Rohde V. Frontal sinus osteoma complicated by extended intracranial mucocele and cerebral abscess: neurosurgical strategy of a rare clinical entity. *Cent Eur Neurosurg*. 2009 May;70(2):95-7. doi: 10.1055/s-0028-1082060. Epub 2009 May 25. PMID: 19711264.

215: Martinez R, Rohde V, Schackert G. Different molecular patterns in glioblastoma multiforme subtypes upon recurrence. *J Neurooncol*. 2010 Feb;96(3):321-9. doi: 10.1007/s11060-009-9967-4. Epub 2009 Jul 31. PMID: 19644652; PMCID: PMC2811648.

216: Gutenberg A, Larsen J, Lupi I, Rohde V, Caturegli P. A radiologic score to distinguish autoimmune hypophysitis from nonsecreting pituitary neuroendocrine tumor preoperatively. *AJNR Am J Neuroradiol*. 2009 Oct;30(9):1766-72. doi: 10.3174/ajnr.A1714. Epub 2009 Jul 23. PMID: 19628625; PMCID: PMC7051493.

217: Martinez R, Martin-Subero JL, Rohde V, Kirsch M, Alaminos M, Fernandez AF, Ropero S, Schackert G, Esteller M. A microarray-based DNA methylation study of glioblastoma multiforme. *Epigenetics*. 2009 May 16;4(4):255-64. doi: 10.4161/epi.9130. Epub 2009 May 29. PMID: 19550145.

218: Frank T, Schlachetzki JC, Göricke B, Meuer K, Rohde G, Dietz GP, Bähr M, Schneider A, Weishaupt JH. Both systemic and local application of granulocyte-colony stimulating factor (G-CSF) is neuroprotective after retinal ganglion cell axotomy. *BMC Neurosci*. 2009 May 14;10:49. doi:

10.1186/1471-2202-10-49. PMID: 19442279; PMCID: PMC2691410.

219: Rohde V, Uzma N, Rohde I, St Clair E, Samadani U. Fibrinolytic therapy versus craniotomy for anticoagulant-associated intracerebral hemorrhage. *Clin Neurol Neurosurg.* 2009 Jul;111(6):518-22. doi: 10.1016/j.clineuro.2009.02.004. Epub 2009 Mar 17. PMID: 19297083.

220: Rohde V, Haberl EJ, Ludwig H, Thomale UW. First experiences with an adjustable gravitational valve in childhood hydrocephalus. *J Neurosurg Pediatr.* 2009 Feb;3(2):90-3. doi: 10.3171/2008.11.PEDS08154. PMID: 19278305.

221: Gutenberg A, Schulten HJ, Gunawan B, Ludwig HC, Brück W, Larsen J, Rohde V. CNS tumor 22 years after spinal neuroblastoma IV: diagnostic dilemma between recurrence and secondary malignancy. *Pediatr Neurosurg.* 2009;45(1):61-8. doi: 10.1159/000204906. Epub 2009 Mar 4. PMID: 19258732.

222: Meissner B, Kallenberg K, Sanchez-Juan P, Ramljak S, Krasnianski A, Heinemann U, Eigenbrod S, Gelpi E, Barsic B, Kretzschmar HA, Schulz-Schaeffer WJ, Knauth M, Zerr I. MRI and clinical syndrome in dura mater-related Creutzfeldt-Jakob disease. *J Neurol.* 2009 Mar;256(3):355-63. doi: 10.1007/s00415-009-0026-z. Epub 2009 Jan 23. PMID: 19159063.

223: Rohde V, Uzma N, Thiex R, Samadani U. Management of delayed edema formation after fibrinolytic therapy for intracerebral hematomas: preliminary experimental data. *Acta Neurochir Suppl.* 2008;105:101-4. doi: 10.1007/978-3-211-09469-3_21. PMID: 19066092.

224: Kim E, Giese A, Deppert W. Wild-type p53 in cancer cells: when a guardian turns into a blackguard. *Biochem Pharmacol.* 2009 Jan 1;77(1):11-20. doi: 10.1016/j.bcp.2008.08.030. Epub 2008 Sep 3. PMID: 18812169.

225: Birbilis T, Shakal A, Bockermann V. A new "gamma-extension" device for the Brown-Roberts-Wells arc system allowing full lateral stereotactic approaches. *Minim Invasive Neurosurg.* 2008 Aug;51(4):247-8. doi: 10.1055/s-2008-1080907. PMID: 18683121.

226: Cotel MC, Bayer TA, Wirths O. Age-dependent loss of dentate gyrus granule cells in APP/PS1KI mice. *Brain Res.* 2008 Jul 30;1222:207-13. doi: 10.1016/j.brainres.2008.05.052. Epub 2008 May 28. PMID: 18585693.

227: Burger R, Duncker D, Uzma N, Rohde V. Decompressive craniotomy: durotomy instead of duroplasty to reduce prolonged ICP elevation. *Acta Neurochir Suppl.* 2008;102:93-7. doi: 10.1007/978-3-211-85578-2_19. PMID: 19388296.

228: Gutenberg A, Lange B, Gunawan B, Larsen J, Brück W, Rohde V, Verheggen R. Spontaneous adrenal hemorrhage: a little-known complication of intracranial tumor surgery. Case report. *J Neurosurg.* 2007 Jun;106(6):1086-8. doi: 10.3171/jns.2007.106.6.1086. PMID: 17564184.

229: Rohde V, Berns E, Rohde I, Gilsbach JM, Ryang YM. Experiences in the management of brainstem hematomas. *Neurosurg Rev.* 2007 Jul;30(3):219-23; discussion 223-4. doi: 10.1007/s10143-007-0081-9. Epub 2007 May 8. PMID: 17486379.

230: Rohde V, Hans FJ, Mayfrank L, Dammert S, Gilsbach JM, Coenen VA. How useful is the 3-dimensional, surgeon's perspective-adjusted visualisation of the vessel anatomy during aneurysm surgery? A prospective clinical trial. *Neurosurg Rev.* 2007 Jul;30(3):209-16; discussion 216-7. doi: 10.1007/s10143-007-0076-6. Epub 2007 May 5. PMID: 17483972.

- 231: Kim E, Deppert W. Interactions of mutant p53 with DNA: guilt by association. *Oncogene*. 2007 Apr 2;26(15):2185-90. doi: 10.1038/sj.onc.1210312. PMID: 17401427.
- 232: Enohumah KO, Moerer O, Kirmse C, Bahr J, Neumann P, Quintel M. Outcome of cardiopulmonary resuscitation in intensive care units in a university hospital. *Resuscitation*. 2006 Nov;71(2):161-70. doi: 10.1016/j.resuscitation.2006.03.013. Epub 2006 Sep 20. PMID: 16989937.
- 233: Nomikos P, Fahlbusch R, Buchfelder M. Recent developments in transsphenoidal surgery of pituitary tumors. *Hormones (Athens)*. 2004 Apr-Jun;3(2):85-91. doi: 10.14310/horm.2002.11116. PMID: 16982582.
- 234: Kleindienst A, Ross Bullock M. A critical analysis of the role of the neurotrophic protein S100B in acute brain injury. *J Neurotrauma*. 2006 Aug;23(8):1185-200. doi: 10.1089/neu.2006.23.1185. PMID: 16928177.
- 235: Gutenberg A, Hans V, Puchner MJ, Kreutzer J, Brück W, Caturegli P, Buchfelder M. Primary hypophysitis: clinical-pathological correlations. *Eur J Endocrinol*. 2006 Jul;155(1):101-7. doi: 10.1530/eje.1.02183. PMID: 16793955.
- 236: Kramer FJ, Ludwig HC, Materna T, Gruber R, Merten HA, Schliephake H. Piezoelectric osteotomies in craniofacial procedures: a series of 15 pediatric patients. Technical note. *J Neurosurg*. 2006 Jan;104(1 Suppl):68-71. doi: 10.3171/ped.2006.104.1.68. PMID: 16509486.
- 237: Kele H, Verheggen R. Neurological picture. Median nerve neurofibroma. *J Neurol Neurosurg Psychiatry*. 2003 Jul;74(7):912. doi: 10.1136/jnnp.74.7.912. PMID: 16184650; PMCID: PMC1738536.
- 238: Hönig JF, Merten HA, Nitsch A, Verheggen R. Contouring of cranial vault irregularities with hydroxyapatite cement: a clinical and experimental investigation. *J Craniofac Surg*. 2005 May;16(3):457-60. doi: 10.1097/01.scs.0000147392.91369.71. PMID: 15915115.
- 239: Buchfelder M. From trephination to tailored resection: neurosurgery in Germany before World War II. *Neurosurgery*. 2005 Mar;56(3):605-13; discussion 605-13. doi: 10.1227/01.neu.0000155336.06394.7f. PMID: 15730586.
- 240: Buchfelder M, Nimsky C. Intraoperative low-field MR imaging in epilepsy surgery. *Arq Neuropsiquiatr*. 2003 Sep;61 Suppl 1:115-22. PMID: 15104401.
- 241: Nomikos P, Ladar C, Fahlbusch R, Buchfelder M. Impact of primary surgery on pituitary function in patients with Non-Functioning Pituitary Neuroendocrine Tumors – a study on 721 patients. *Acta Neurochir (Wien)*. 2004 Jan;146(1):27-35. doi: 10.1007/s00701-003-0174-3. Epub 2004 Jan 7. Erratum in: *Acta Neurochir (Wien)*. 2004 Apr;146(6):433. PMID: 14740262.
- 242: Brockmann K, Schneider-Sickert F, Kolenda H, Aden I, Hanefeld F. Tarsal tunnel syndrome in a 7-year-old boy. *Eur J Pediatr*. 2004 Jan;163(1):46-7. doi: 10.1007/s00431-003-1360-2. Epub 2003 Nov 12. PMID: 14614624.
- 243: Rupprecht S, Merten HA, Kessler P, Wiltfang J. Hydroxyapatite cement (BoneSource) for repair of critical sized calvarian defects—an experimental study. *J Craniomaxillofac Surg*. 2003 Jun;31(3):149-53. doi: 10.1016/s1010-5182(03)00017-9. PMID: 12818599.
- 244: Steffens H, Eek B, Trudrung P, Mense S. Tetrodotoxin block of A-fibre afferents from skin and muscle - a tool to study pure C-fibre effects in the spinal cord. *Pflugers Arch*. 2003 Feb;445(5):607-13. doi: 10.1007/s00424-002-0970-2. Epub 2002 Nov 21. PMID: 12634933.

- 245: Schomburg ED, Steffens H. Only minor spinal motor reflex effects from feline group IV muscle nociceptors. *Neurosci Res.* 2002 Oct;44(2):213-223. doi: 10.1016/s0168-0102(02)00127-x. PMID: 12354636.
- 246: Buchfelder M, Fahlbusch R, Ganslandt O, Stefan H, Nimsky C. Use of intraoperative magnetic resonance imaging in tailored temporal lobe surgeries for epilepsy. *Epilepsia.* 2002 Aug;43(8):864-73. doi: 10.1046/j.1528-1157.2002.46201.x. PMID: 12181005.
- 247: Hönig JF, Merten HA, Schütte R, Grohmann UA, Cassis A. Experimental study of the frontal sinus development on Goettingen miniature pigs. *J Craniofac Surg.* 2002 May;13(3):418-26. doi: 10.1097/00001665-200205000-00012. PMID: 12040213.
- 248: Laskawi R, Rohrbach S, Rödel R. Surgical and nonsurgical treatment options in patients with movement disorders of the platysma. *J Oral Maxillofac Surg.* 2002 Feb;60(2):157-62. doi: 10.1053/joms.2002.29810. PMID: 11815912.
- 249: Birbilis T, Bockermann V, Markakis E. A pair of clamps for a safe removing and repositioning of beta and gamma angular settings of Brown-Roberts-Wells stereotactic system during operation. *Minim Invasive Neurosurg.* 2001 Mar;44(1):47-9. doi: 10.1055/s-2001-13582. PMID: 11409312.
- 250: Hönig JF, Merten HA, Ludwig H, Bebnke-Mursch J. Subgaleal versus subperiosteal dissection in fronto-orbital advancement procedures. *J Craniofac Surg.* 2001 May;12(3):287-91. doi: 10.1097/00001665-200105000-00016. PMID: 11358104.
- 251: Weiss E, Krebeck M, Köhler B, Pradier O, Hess CF. Does the standardized helmet technique lead to adequate coverage of the cribriform plate? An analysis of current practice with respect to the ICRU 50 report. *Int J Radiat Oncol Biol Phys.* 2001 Apr 1;49(5):1475-80. doi: 10.1016/s0360-3016(00)01548-0. PMID: 11286856.
- 252: Birbilis TH, Ludwig HC, Markakis E. Neuropathy of the sural nerve caused by external pressure. *Acta Neurochir (Wien).* 2000;142(8):951-2. doi: 10.1007/s007010070085. PMID: 11086838.
- 253: Zippel HP. In goldfish the discriminative ability for odours persists after reduction of the olfactory epithelium, and rapidly returns after olfactory nerve axotomy and crossing bulbs. *Philos Trans R Soc Lond B Biol Sci.* 2000 Sep 29;355(1401):1219-23. doi: 10.1098/rstb.2000.0671. PMID: 11079402; PMCID: PMC1692821.
- 254: Schomburg ED, Steffens H, Mense S. Contribution of TTX-resistant C-fibres and Adelta-fibres to nociceptive flexor-reflex and non-flexor-reflex pathways in cats. *Neurosci Res.* 2000 Aug;37(4):277-87. doi: 10.1016/s0168-0102(00)00129-2. PMID: 10958976.
- 255: Ludwig HC, Bauer C, Fuhrberg P, Teichmann HH, Birbilis T, Markakis E. Optimized evaluation of a pulsed 2.09 microns holmium:YAG laser impact on the rat brain and 3 D-histomorphometry of the collateral damage. *Minim Invasive Neurosurg.* 1998 Dec;41(4):217-22. doi: 10.1055/s-2008-1052046. PMID: 9932267.
- 256: Birbilis T, Bockermann V. A new forceps for the safe and easier insertion of subdural catheter: technical note. *Acta Neurochir (Wien).* 1998;140(7):721-2. doi: 10.1007/s007010050168. PMID: 9781287.
- 257: Ludwig HC, Behnke J, Markakis E. Brain metastases in neurosurgery: indications, surgical procedures and outcome. *Anticancer Res.* 1998 May- Jun;18(3C):2215-8. PMID: 9703787.

- 258: Bockermann V, Birbilis T, Markakis E. MiniMATCH: a simple method for local data transfer between MRI and CT scan sets. *Minim Invasive Neurosurg*. 1998 Jun;41(2):58-61. doi: 10.1055/s-2008-1052017. PMID: 9651911.
- 259: Pigarev IN, Nothdurft HC, Kastner S. A reversible system for chronic recordings in macaque monkeys. *J Neurosci Methods*. 1997 Dec 1;77(2):157-62. doi: 10.1016/s0165-0270(97)00124-6. PMID: 9489892.
- 260: Schomburg ED, Steffens H. Bistable characteristics of motoneurone activity during DOPA induced fictive locomotion in spinal cats. *Neurosci Res*. 1996 Sep;26(1):47-56. doi: 10.1016/0168-0102(96)01073-5. PMID: 8895891.
- 261: Matsumura A, Hori A, Spoerri O. Spinal subependymoma presenting as an extramedullary tumor: case report. *Neurosurgery*. 1988 Jul;23(1):115-7. doi: 10.1227/00006123-198807000-00022. PMID: 3173649.
- 262: Ahyai A. Flow cytometric analysis of cellular DNA content in human astrocytomas and oligodendrogliomas. *Neurosurg Rev*. 1988;11(2):177-87. doi: 10.1007/BF01794685. PMID: 3244416.

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