

Hospital Universitario y Politécnico La Fe

García-Martínez A, Sottile J, Fajardo C, Riesgo P, Cámara R, Simal JA, Lamas C, Sandoval H, Aranda I, Picó A. Is it time to consider the expression of specific-pituitary hormone genes when typifying pituitary tumours? PLoS One. 2018 Jul 6;13(7):e0198877. doi: 10.1371/journal.pone.0198877. eCollection 2018. PubMed PMID: 29979686; PubMed Central PMCID: PMC6034784.

Thenier-Villa JL, Sanromán-Álvarez P, Miranda-Lloret P, Plaza Ramírez ME. Incomplete reossification after cranosynostosis surgery-incidence and analysis of risk factors: a clinical-radiological assessment study. J Neurosurg Pediatr. 2018 Aug;22(2):120-127. doi: 10.3171/2018.2.PEDS17717. Epub 2018 May 25. PubMed PMID: 29799353.

Hampel KG, Gómez-Ibáñez A, Garcés-Sánchez M, Hervás-Marín D, Cano-López I, González-Bono E, Conde-Sardón R, Gutiérrez-Martín A, Villanueva V. Antiepileptic drug reduction and increased risk of stimulation-evoked focal to bilateral tonic-clonic seizure during cortical stimulation in patients with focal epilepsy. Epilepsy Behav. 2018 Mar;80:104-108. doi: 10.1016/j.yebeh.2017.12.033. Epub 2018 Feb 2. PubMed PMID: 29414538.

1: Huemer M, Diodato D, Martinelli D, Olivieri G, Blom H, Gleich F, Kölker S, Kožich V, Morris AA, Seifert B, Froese DS, Baumgartner MR, Dionisi-Vici C; EHOD consortium, Alcalde Martin C, Baethmann M, Ballhausen D, Blasco-Alonso J, Boy N, Bueno M, Burgos Peláez R, Cerone R, Chabrol B, Chapman KA, Couce ML, Crushell E, Dalmau Serra J, Diogo L, Ficicioglu C, García Jimenez MC, García Silva MT, Gaspar AM, Gautschi M, González-Lamuño D, Gouveia S, Grünewald S, Hendriksz C, Janssen MCH, Jesina P, Koch J, Konstantopoulou V, Lavigne C, Lund AM, Martins EG, Meavilla Olivas S, Mention K, Mochel F, Mundy H, Murphy E, Paquay S, Pedrón-Giner C, Ruiz Gómez MA, Santra S, Schiff M, Schwartz IV, Scholl-Bürgi S, Servais A, Skouma A, Tran C, Vives Piñera I, Walter J, Weisfeld-Adams J. Phenotype, treatment practice and outcome in the cobalamin-dependent remethylation disorders and MTHFR deficiency: data from the E-HOD registry. J Inherit Metab Dis. 2018 Sep 3. doi: 10.1007/s10545-018-0238-4. [Epub ahead of print] PubMed PMID: 30178268.

2: Haldeman S, Nordin M, Chou R, Côté P, Hurwitz EL, Johnson CD, Randhawa K, Green BN, Kopansky-Giles D, Acaroğlu E, Ameis A, Cedraschi C, Aartun E, Adjei-Kwayisi A, Ayhan S, Aziz A, Bas T, Blyth F, Borenstein D, Brady O, Brooks P, Camilleri C, Castellote JM, Clay MB, Davatchi F, Dudler J, Dunn R, Eberspacher S, Emmerich J, Farcy JP, Fisher-Jeffes N, Goertz C, Grevitt M, Griffith EA, Hajjaj-Hassouni N, Hartvigsen J, Hondras M, Kane EJ, Laplante J, Lemeunier N, Mayer J, Mior S, Mmopelwa T, Modic M, Moss J, Mullerpatan R, Muteti E, Mwaniki L, Ngandeu-Singwe M, Outerbridge G, Rajasekaran S, Shearer H, Smuck M, Sönmez E, Tavares P, Taylor-Vaisey A, Torres C, Torres P, van der Horst A, Verville L, Vialle E, Kumar GV, Vlok A, Watters W 3rd, Wong CC, Wong JJ, Yu H, Yüksel S. The Global Spine Care Initiative: World Spine Care executive summary on reducing spine-related disability in low- and middle-income communities. Eur Spine J. 2018 Aug 27. doi: 10.1007/s00586-018-5722-x. [Epub ahead of print] PubMed PMID: 30151809.

3: Johnson CD, Haldeman S, Nordin M, Chou R, Côté P, Hurwitz EL, Green BN, Kopansky-Giles D,

Randhawa K, Cedraschi C, Ameis A, Acaroğlu E, Aartun E, Adjei-Kwayisi A, Ayhan S, Aziz A, Bas T, Blyth F, Borenstein D, Brady O, Brooks P, Camilleri C, Castellote JM, Clay MB, Davatchi F, Dudler J, Dunn R, Eberspaecher S, Emmerich J, Farcy JP, Fisher-Jeffes N, Goertz C, Grevitt M, Griffith EA, Hajjaj-Hassouni N, Hartvigsen J, Hondras M, Kane EJ, Laplante J, Lemeunier N, Mayer J, Mior S, Mmopelwa T, Modic M, Moss J, Mullerpatan R, Muteti E, Mwaniki L, Ngandeu-Singwe M, Outerbridge G, Rajasekaran S, Shearer H, Smuck M, Sönmez E, Tavares P, Taylor-Vaisey A, Torres C, Torres P, van der Horst A, Verville L, Vialle E, Kumar GV, Vlok A, Watters W 3rd, Wong CC, Wong JJ, Yu H, Yüksel S. The Global Spine Care Initiative: methodology, contributors, and disclosures. *Eur Spine J*. 2018 Aug 27. doi: 10.1007/s00586-018-5723-9. [Epub ahead of print] PubMed PMID: 30151808.

4: Johnson CD, Haldeman S, Chou R, Nordin M, Green BN, Côté P, Hurwitz EL, Kopansky-Giles D, Acaroğlu E, Cedraschi C, Ameis A, Randhawa K, Aartun E, Adjei-Kwayisi A, Ayhan S, Aziz A, Bas T, Blyth F, Borenstein D, Brady O, Brooks P, Camilleri C, Castellote JM, Clay MB, Davatchi F, Dudler J, Dunn R, Eberspaecher S, Emmerich J, Farcy JP, Fisher-Jeffes N, Goertz C, Grevitt M, Griffith EA, Hajjaj-Hassouni N, Hartvigsen J, Hondras M, Kane EJ, Laplante J, Lemeunier N, Mayer J, Mior S, Mmopelwa T, Modic M, Moss J, Mullerpatan R, Muteti E, Mwaniki L, Ngandeu-Singwe M, Outerbridge G, Rajasekaran S, Shearer H, Smuck M, Sönmez E, Tavares P, Taylor-Vaisey A, Torres C, Torres P, van der Horst A, Verville L, Vialle E, Kumar GV, Vlok A, Watters W 3rd, Wong CC, Wong JJ, Yu H, Yüksel S. The Global Spine Care Initiative: model of care and implementation. *Eur Spine J*. 2018 Aug 27. doi: 10.1007/s00586-018-5720-z. [Epub ahead of print] PubMed PMID: 30151805.

5: Panicker JN, Anding R, Arlandis S, Blok B, Dorrepaal C, Harding C, Marcelissen T, Rademakers K, Abrams P, Apostolidis A. Do we understand voiding dysfunction in women? Current understanding and future perspectives: ICI-RS 2017. *Neurourol Urodyn*. 2018 Jun;37(S4):S75-S85. doi: 10.1002/nau.23709. PubMed PMID: 30133794.

6: Trebaul L, Deman P, Tuyisenge V, Jedynak M, Hugues E, Rudrauf D, Bhattacharjee M, Tadel F, Chanteloup-Forêt B, Saubat C, Reyes Mejia GC, Adam C, Nica A, Pail M, Dubeau F, Rheims S, Trébuchon A, Wang H, Liu S, Blauwblomme T, Garcés M, De Palma L, Valentin A, Metsähonkala EL, Petrescu AM, Landré E, Szurhaj W, Hirsch E, Valton L, Rocamora R, Schulze-Bonhage A, Mindruta I, Francione S, Maillard L, Taussig D, Kahane P, David O. Probabilistic functional tractography of the human cortex revisited. *Neuroimage*. 2018 Nov 1;181:414-429. doi: 10.1016/j.neuroimage.2018.07.039. Epub 2018 Jul 17. PubMed PMID: 30025851; PubMed Central PMCID: PMC6150949.

7: García-Martínez A, Sottile J, Fajardo C, Riesgo P, Cámara R, Simal JA, Lamas C, Sandoval H, Aranda I, Picó A. Is it time to consider the expression of specific-pituitary hormone genes when typifying pituitary tumours? *PLoS One*. 2018 Jul 6;13(7):e0198877. doi: 10.1371/journal.pone.0198877. eCollection 2018. PubMed PMID: 29979686; PubMed Central PMCID: PMC6034784.

8: Thenier-Villa JL, Sanromán-Álvarez P, Miranda-Lloret P, Plaza Ramírez ME. Incomplete reossification after craniosynostosis surgery-incidence and analysis of risk factors: a clinical-radiological assessment study. *J Neurosurg Pediatr*. 2018 Aug;22(2):120-127. doi: 10.3171/2018.2.PEDS17717. Epub 2018 May 25. PubMed PMID: 29799353.

9: Sorrells SF, Paredes MF, Cebrian-Silla A, Sandoval K, Qi D, Kelley KW, James D, Mayer S, Chang J, Augustine KI, Chang EF, Gutierrez AJ, Kriegstein AR, Mathern GW, Oldham MC, Huang EJ, Garcia-Verdugo JM, Yang Z, Alvarez-Buylla A. Human hippocampal neurogenesis drops sharply in children to undetectable levels in adults. *Nature*. 2018 Mar 15;555(7696):377-381. doi: 10.1038/nature25975. Epub 2018 Mar 7. PubMed PMID: 29513649.

- 10: Tepper Á, Henrich MC, Schiaffino L, Rosado Muñoz A, Gutiérrez A, Guerrero Martínez J. Selection of the Optimal Algorithm for Real-Time Estimation of Beta Band Power during DBS Surgeries in Patients with Parkinson's Disease. *Comput Intell Neurosci*. 2017;2017:1512504. doi: 10.1155/2017/1512504. Epub 2017 Dec 24. PubMed PMID: 29434635; PubMed Central PMCID: PMC5757164.
- 11: Hampel KG, Gómez-Ibáñez A, Garcés-Sánchez M, Hervás-Marín D, Cano-López I, González-Bono E, Conde-Sardón R, Gutiérrez-Martín A, Villanueva V. Antiepileptic drug reduction and increased risk of stimulation-evoked focal to bilateral tonic-clonic seizure during cortical stimulation in patients with focal epilepsy. *Epilepsy Behav*. 2018 Mar;80:104-108. doi: 10.1016/j.yebeh.2017.12.033. Epub 2018 Feb 2. PubMed PMID: 29414538.
- 12: Aldave G, Gonzalez-Huarriz M, Rubio A, Romero JP, Ravi D, Miñana B, Cuadrado-Tejedor M, García-Osta A, Verhaak R, Xipell E, Martinez-Vélez N, de la Rocha AA, Puigdelloses M, García-Moure M, Marigil M, Pérez-Larraya JG, Marín-Bejar O, Huarte M, Carro MS, Ferrarese R, Belda-Iniesta C, Ayuso A, Prat-Acín R, Pastor F, Díez-Valle R, Tejada S, Alonso MM. The aberrant splicing of BAF45d links splicing regulation and transcription in glioblastoma. *Neuro Oncol*. 2018 Jun 18;20(7):930-941. doi: 10.1093/neuonc/noy007. PubMed PMID: 29373718; PubMed Central PMCID: PMC6007380.
- 13: Sepúlveda-Sánchez JM, Muñoz Langa J, Arráez MÁ, Fuster J, Hernández Laín A, Reynés G, Rodríguez González V, Vicente E, Vidal Denis M, Gallego Ó. Correction to: SEOM clinical guideline of diagnosis and management of low-grade glioma (2017). *Clin Transl Oncol*. 2018 Jan;20(1):108-109. doi: 10.1007/s12094-017-1814-z. PubMed PMID: 29209952.
- 14: Sepúlveda-Sánchez JM, Muñoz Langa J, Arráez MÁ, Fuster J, Hernández Laín A, Reynés G, Rodríguez González V, Vicente E, Vidal Denis M, Gallego Ó. SEOM clinical guideline of diagnosis and management of low-grade glioma (2017). *Clin Transl Oncol*. 2018 Jan;20(1):3-15. doi: 10.1007/s12094-017-1790-3. Epub 2017 Nov 9. Erratum in: *Clin Transl Oncol*. 2017 Dec 5;:. PubMed PMID: 29124520; PubMed Central PMCID: PMC5785601.
- 15: Faraoni D, Comes RF, Geerts W, Wiles MD; ESA VTE Guidelines Task Force. European guidelines on perioperative venous thromboembolism prophylaxis: Neurosurgery. *Eur J Anaesthesiol*. 2018 Feb;35(2):90-95. doi: 10.1097/EJA.0000000000000710. PubMed PMID: 29112542.
- 16: Iranzo-Tatay C, Rubio-Granero T, Gutierrez A, Garcés M, Conde R, Gómez-Ibáñez A, Arques-Egea S, Sancho-Miñana L, Hervás-Marín D, Villanueva V. Reply to letter to the editor: "The psychiatric risks of temporal epilepsy surgery. What should patients be told?" by Bengi Kansu. *Epilepsy Behav*. 2018 Jan;78:313-314. doi: 10.1016/j.yebeh.2017.09.004. Epub 2017 Nov 6. PubMed PMID: 29102304.
- 17: de Quintana-Schmidt C, Lladó-Carbo E, Cortés-Doñate VE; Grupo de trabajo de Neuroncología (GTNO) y Sociedad Española de Neurofisiología Clínica (SENEFC). [Neurophysiological monitoring options in brain tumour resections. Consensus statement from the Spanish Society of Neurosurgery's (SENEC) Neuro-oncology Working Group and the Spanish Society of Clinical Neurophysiology (SENEFC)]. *Neurocirugia (Astur)*. 2018 Jan - Feb;29(1):25-38. doi: 10.1016/j.neucir.2017.07.004. Epub 2017 Oct 5. Spanish. PubMed PMID: 28988668.
- 18: Prat-Acín R, Evangelista R, Conde R, Ayuso-Sacido A, Galeano I. Neuroendoscopic management of posterior third ventricle ependymoma with intraaqueductal and fourth ventricle extension: a case report and review of the literature. *Childs Nerv Syst*. 2017 Nov;33(11):2057-2060. doi: 10.1007/s00381-017-3543-6. Epub 2017 Jul 18. Review. PubMed PMID: 28721597.
- 19: Sanchez-Tejada L, Sanchez-Ortiga R, Lamas C, Camara R, Riesgo P, Fajardo C, Aranda FI, Pico A. Contribution of molecular analysis to the typification of the Non-Functioning Pituitary Neuroendocrine

Tumors. PLoS One. 2017 Jul 10;12(7):e0180039. doi: 10.1371/journal.pone.0180039. eCollection 2017. PubMed PMID: 28692683; PubMed Central PMCID: PMC5503173.

20: Prat-Acín R, Galeano I, Evangelista R, Pancucci G, Guarín J, Ayuso-Sacido A, Misra M. Large suprasellar craniopharyngioma surgery in adults through the trans-eyebrow supraorbital approach. Acta Neurochir (Wien). 2017 Aug;159(8):1537. doi: 10.1007/s00701-017-3254-5. Epub 2017 Jun 24. PubMed PMID: 28647796.

21: Pérez de San Román-Mena L, Simal-Julián JA, Miranda-Lloret P, Sanromán-Álvarez P, Botella-Asunción C. Radiological Study of the Carotid-Clival Window and Its Application in Endoscopic Endonasal Expanded Approaches. World Neurosurg. 2017 Aug;104:356-360. doi: 10.1016/j.wneu.2017.05.038. Epub 2017 May 17. PubMed PMID: 28526643.

22: Iranzo-Tatay C, Rubio-Granero T, Gutierrez A, Garcés M, Conde R, Gómez-Ibáñez A, Arques-Egea S, Sancho-Miñana L, Hervas-Marín D, Villanueva V. Psychiatric symptoms after temporal epilepsy surgery. A one-year follow-up study. Epilepsy Behav. 2017 May;70(Pt A):154-160. doi: 10.1016/j.yebeh.2017.02.029. Epub 2017 Apr 17. PubMed PMID: 28427025.

23: Prat R, Galeano I, Evangelista R, Pancucci G, Guarín J, Ayuso A, Misra M. Trans-eyebrow supraorbital approach in large suprasellar craniopharyngioma surgery in adults: analysis of optic nerve length and extent of tumor resection. Original article. Acta Neurochir (Wien). 2017 May;159(5):873-880. doi: 10.1007/s00701-017-3148-6. Epub 2017 Mar 23. PubMed PMID: 28337609.

24: Burman J, Kirgizov K, Carlson K, Badoglio M, Mancardi GL, De Luca G, Casanova B, Ouyang J, Bembeeva R, Haas J, Bader P, Snowden J, Farge D. Autologous hematopoietic stem cell transplantation for pediatric multiple sclerosis: a registry-based study of the Autoimmune Diseases Working Party (ADWP) and Pediatric Diseases Working Party (PDWP) of the European Society for Blood and Marrow Transplantation (EBMT). Bone Marrow Transplant. 2017 Aug;52(8):1133-1137. doi: 10.1038/bmt.2017.40. Epub 2017 Mar 20. PubMed PMID: 28319075.

25: Shorvon SD, Trinka E, Steinhoff BJ, Holtkamp M, Villanueva V, Peltola J, Ben-Menachem E. Eslicarbazepine acetate: its effectiveness as adjunctive therapy in clinical trials and open studies. J Neurol. 2017 Mar;264(3):421-431. doi: 10.1007/s00415-016-8338-2. Epub 2017 Jan 18. Review. PubMed PMID: 28101651; PubMed Central PMCID: PMC5336540.

26: Carreño M, Bien CG, Asadi-Pooya AA, Sperling M, Marusic P, Elisak M, Pimentel J, Wehner T, Mohanraj R, Uranga J, Gómez-Ibáñez A, Villanueva V, Gil F, Donaire A, Bargalló N, Rumià J, Roldán P, Setoain X, Pintor L, Boget T, Bailles E, Falip M, Aparicio J, Dalmau J, Graus F. Epilepsy surgery in drug resistant temporal lobe epilepsy associated with neuronal antibodies. Epilepsy Res. 2017 Jan;129:101-105. doi: 10.1016/j.eplepsyres.2016.12.010. Epub 2016 Dec 15. PubMed PMID: 28043058; PubMed Central PMCID: PMC5285301.

27: García-Romero N, González-Tejedo C, Carrión-Navarro J, Esteban-Rubio S, Rackov G, Rodríguez-Fanjul V, Oliver-De La Cruz J, Prat-Acín R, Peris-Celda M, Blesa D, Ramírez-Jiménez L, Sánchez-Gómez P, Perona R, Escobedo-Lucea C, Belda-Iniesta C, Ayuso-Sacido A. Cancer stem cells from human glioblastoma resemble but do not mimic original tumors after in vitro passaging in serum-free media. Oncotarget. 2016 Oct 4;7(40):65888-65901. doi: 10.18632/oncotarget.11676. PubMed PMID: 27589567; PubMed Central PMCID: PMC5323200.

28: Klionsky DJ, Abdelmohsen K, Abe A, Abedin MJ, Abeliovich H, Acevedo Arozena A, Adachi H, Adams CM, Adams PD, Adeli K, Adhietty PJ, Adler SG, Agam G, Agarwal R, Aghi MK, Agnello M, Agostinis P,

Aguilar PV, Aguirre-Ghiso J, Airolidi EM, Ait-Si-Ali S, Akematsu T, Akporiaye ET, Al-Rubeai M, Albaiceta GM, Albanese C, Albani D, Albert ML, Aldudo J, Algül H, Alirezaei M, Alloza I, Almasan A, Almonte-Beceril M, Alnemri ES, Alonso C, Altan-Bonnet N, Altieri DC, Alvarez S, Alvarez-Erviti L, Alves S, Amadoro G, Amano A, Amantini C, Ambrosio S, Amelio I, Amer AO, Amessou M, Amon A, An Z, Anania FA, Andersen SU, Andley UP, Andreadi CK, Andrieu-Abadie N, Anel A, Ann DK, Anoopkumar-Dukie S, Antonioli M, Aoki H, Apostolova N, Aquila S, Aquilano K, Araki K, Arama E, Aranda A, Araya J, Arcaro A, Arias E, Arimoto H, Arosio AR, Armstrong JL, Arnould T, Arsov I, Asanuma K, Askanas V, Asselin E, Atarashi R, Atherton SS, Atkin JD, Attardi LD, Auberger P, Auburger G, Aurelian L, Autelli R, Avagliano L, Avantiaggiati ML, Avrahami L, Awale S, Azad N, Bachetti T, Backer JM, Bae DH, Bae JS, Bae ON, Bae SH, Baehrecke EH, Baek SH, Baghdiguian S, Bagniewska-Zadworna A, Bai H, Bai J, Bai XY, Bailly Y, Balaji KN, Balduini W, Ballabio A, Balzan R, Banerjee R, Bánhegyi G, Bao H, Barbeau B, Barrachina MD, Barreiro E, Bartel B, Bartolomé A, Bassham DC, Bassi MT, Bast RC Jr, Basu A, Batista MT, Batoko H, Battino M, Bauckman K, Baumgarner BL, Bayer KU, Beale R, Beaulieu JF, Beck GR Jr, Becker C, Beckham JD, Bédard PA, Bednarski PJ, Begley TJ, Behl C, Behrends C, Behrens GM, Behrns KE, Bejarano E, Belaid A, Belleudi F, Bénard G, Berchem G, Bergamaschi D, Bergami M, Berkhout B, Berliocchi L, Bernard A, Bernard M, Bernassola F, Bertolotti A, Bess AS, Besteiro S, Bettuzzi S, Bhalla S, Bhattacharyya S, Bhutia SK, Biagosch C, Bianchi MW, Biard-Piechaczyk M, Billes V, Bincoletto C, Bingol B, Bird SW, Bitoun M, Bjedov I, Blackstone C, Blanc L, Blanco GA, Blomhoff HK, Boada-Romero E, Böckler S, Boes M, Boesze-Battaglia K, Boise LH, Bolino A, Boman A, Bonaldo P, Bordi M, Bosch J, Botana LM, Botti J, Bou G, Bouché M, Bouchecareilh M, Boucher MJ, Boulton ME, Bouret SG, Boya P, Boyer-Guittaut M, Bozhkov PV, Brady N, Braga VM, Brancolini C, Braus GH, Bravo-San Pedro JM, Brennan LA, Bresnick EH, Brest P, Bridges D, Bringer MA, Brini M, Brito GC, Brodin B, Brookes PS, Brown EJ, Brown K, Broxmeyer HE, Bruhat A, Brum PC, Brumell JH, Brunetti-Pierri N, Bryson-Richardson RJ, Buch S, Buchan AM, Budak H, Bulavin DV, Bultman SJ, Bultynck G, Bumbasirevic V, Burelle Y, Burke RE, Burmeister M, Bütikofer P, Caberlotto L, Cadwell K, Cahova M, Cai D, Cai J, Cai Q, Calatayud S, Camougrand N, Campanella M, Campbell GR, Campbell M, Campello S, Candau R, Caniggia I, Cantoni L, Cao L, Caplan AB, Caraglia M, Cardinali C, Cardoso SM, Carew JS, Carleton LA, Carlin CR, Carloni S, Carlsson SR, Carmona-Gutierrez D, Carneiro LA, Carnevali O, Carra S, Carrier A, Carroll B, Casas C, Casas J, Cassinelli G, Castets P, Castro-Obregon S, Cavallini G, Ceccherini I, Cecconi F, Cederbaum AI, Ceña V, Cenci S, Cerella C, Cervia D, Cetrullo S, Chaachouay H, Chae HJ, Chagin AS, Chai CY, Chakrabarti G, Chamilos G, Chan EY, Chan MT, Chandra D, Chandra P, Chang CP, Chang RC, Chang TY, Chatham JC, Chatterjee S, Chauhan S, Che Y, Cheetham ME, Cheluvappa R, Chen CJ, Chen G, Chen GC, Chen G, Chen H, Chen JW, Chen JK, Chen M, Chen M, Chen P, Chen Q, Chen Q, Chen SD, Chen S, Chen SS, Chen W, Chen WJ, Chen WQ, Chen W, Chen X, Chen YH, Chen YG, Chen Y, Chen Y, Chen Y, Chen YJ, Chen YQ, Chen Y, Chen Z, Chen Z, Cheng A, Cheng CH, Cheng H, Cheong H, Cherry S, Chesney J, Cheung CH, Chevet E, Chi HC, Chi SG, Chiacchiera F, Chiang HL, Chiarelli R, Chiariello M, Chieppa M, Chin LS, Chiong M, Chiu GN, Cho DH, Cho SG, Cho WC, Cho YY, Cho YS, Choi AM, Choi EJ, Choi EK, Choi J, Choi ME, Choi SI, Chou TF, Chouaib S, Choubey D, Choubey V, Chow KC, Chowdhury K, Chu CT, Chuang TH, Chun T, Chung H, Chung T, Chung YL, Chwae YJ, Cianfanelli V, Ciarcia R, Ciechomska IA, Ciriolo MR, Cirone M, Claerhout S, Clague MJ, Clària J, Clarke PG, Clarke R, Clementi E, Cleyrat C, Cnop M, Coccia EM, Cocco T, Codogno P, Coers J, Cohen EE, Colecchia D, Coletto L, Coll NS, Colucci-Guyon E, Comincini S, Condello M, Cook KL, Coombs GH, Cooper CD, Cooper JM, Coppens I, Corasaniti MT, Corazzari M, Corbalan R, Corcelle-Termeau E, Cordero MD, Corral-Ramos C, Corti O, Cossarizza A, Costelli P, Costes S, Cotman SL, Coto-Montes A, Cottet S, Couve E, Covey LR, Cowart LA, Cox JS, Coxon FP, Coyne CB, Cragg MS, Craven RJ, Crepaldi T, Crespo JL, Criollo A, Crippa V, Cruz MT, Cuervo AM, Cuezva JM, Cui T, Cutillas PR, Czaja MJ, Czyzyk-Krzeska MF, Dagda RK, Dahmen U, Dai C, Dai W, Dai Y, Dalby KN, Dalla Valle L, Dalmasso G, D'Amelio M, Damme M, Darfeuille-Michaud A, Dargemont C, Darley-Usmar VM, Dasarathy S, Dasgupta B, Dash S, Dass CR, Davey HM, Davids LM, Dávila D, Davis RJ, Dawson TM, Dawson VL, Daza P, de Belleruche J, de Figueiredo P, de Figueiredo RC, de la Fuente J, De Martino L, De Matteis A, De Meyer GR, De Milito A, De Santi M, de Souza W, De Tata V, De Zio D, Debnath J, Dechant R, Decuypere JP, Deegan S, Dehay B, Del Bello B, Del Re DP,

Delage-Mourroux R, Delbridge LM, Deldicque L, Delorme-Axford E, Deng Y, Dengjel J, Denizot M, Dent P, Der CJ, Deretic V, Derrien B, Deutsch E, Devarenne TP, Devenish RJ, Di Bartolomeo S, Di Daniele N, Di Domenico F, Di Nardo A, Di Paola S, Di Pietro A, Di Renzo L, DiAntonio A, Díaz-Araya G, Díaz-Laviada I, Diaz-Meco MT, Diaz-Nido J, Dickey CA, Dickson RC, Diederich M, Digard P, Dikic I, Dinesh-Kumar SP, Ding C, Ding WX, Ding Z, Dini L, Distler JH, Diwan A, Djavaheri-Mergny M, Dmytruk K, Dobson RC, Doetsch V, Dokladny K, Dokudovskaya S, Donadelli M, Dong XC, Dong X, Dong Z, Donohue TM Jr, Doran KS, D'Orazi G, Dorn GW 2nd, Dosenko V, Dridi S, Drucker L, Du J, Du LL, Du L, du Toit A, Dua P, Duan L, Duann P, Dubey VK, Duchen MR, Duchosal MA, Duez H, Dugail I, Dumit VI, Duncan MC, Dunlop EA, Dunn WA Jr, Dupont N, Dupuis L, Durán RV, Durcan TM, Duvezin-Caubet S, Duvvuri U, Eapen V, Ebrahimi-Fakhari D, Echard A, Eckhart L, Edelstein CL, Edinger AL, Eichinger L, Eisenberg T, Eisenberg-Lerner A, Eissa NT, El-Deiry WS, El-Khoury V, Elazar Z, Eldar-Finkelman H, Elliott CJ, Emanuele E, Emmenegger U, Engedal N, Engelbrecht AM, Engeler S, Enserink JM, Erdmann R, Erenpreisa J, Eri R, Eriksen JL, Erman A, Escalante R, Eskelinen EL, Espert L, Esteban-Martínez L, Evans TJ, Fabri M, Fabrias G, Fabrizi C, Facchiano A, Færgeman NJ, Faggioni A, Fairlie WD, Fan C, Fan D, Fan J, Fang S, Fanto M, Fanzani A, Farkas T, Faure M, Favier FB, Fearnhead H, Federici M, Fei E, Felizardo TC, Feng H, Feng Y, Feng Y, Ferguson TA, Fernández ÁF, Fernandez-Barrena MG, Fernandez-Checa JC, Fernández-López A, Fernandez-Zapico ME, Feron O, Ferraro E, Ferreira-Halder CV, Fesus L, Feuer R, Fiesel FC, Filippi-Chiela EC, Filomeni G, Fimia GM, Fingert JH, Finkbeiner S, Finkel T, Fiorito F, Fisher PB, Flajolet M, Flamigni F, Florey O, Florio S, Floto RA, Folini M, Follo C, Fon EA, Fornai F, Fortunato F, Fraldi A, Franco R, Francois A, François A, Frankel LB, Fraser ID, Frey N, Freyssenet DG, Frezza C, Friedman SL, Frigo DE, Fu D, Fuentes JM, Fueyo J, Fujitani Y, Fujiwara Y, Fujiya M, Fukuda M, Fulda S, Fusco C, Gabryel B, Gaestel M, Gailly P, Gajewska M, Galadari S, Galili G, Galindo I, Galindo MF, Galliciotti G, Galluzzi L, Galluzzi L, Galy V, Gammoh N, Gandy S, Ganesan AK, Ganesan S, Ganley IG, Gannagé M, Gao FB, Gao F, Gao JX, García Nannig L, García Vescovi E, Garcia-Macia M, Garcia-Ruiz C, Garg AD, Garg PK, Gargini R, Gassen NC, Gatica D, Gatti E, Gavard J, Gavathiotis E, Ge L, Ge P, Ge S, Gean PW, Gelmetti V, Genazzani AA, Geng J, Genschik P, Gerner L, Gestwicki JE, Gewirtz DA, Ghavami S, Ghigo E, Ghosh D, Giammarioli AM, Giampieri F, Giampietri C, Giatromanolaki A, Gibbins DJ, Gibellini L, Gibson SB, Ginet V, Giordano A, Giorgini F, Giovannetti E, Girardin SE, Gispert S, Giuliano S, Gladson CL, Glavic A, Gleave M, Godefroy N, Gogal RM Jr, Gokulan K, Goldman GH, Goletti D, Goligorsky MS, Gomes AV, Gomes LC, Gomez H, Gomez-Manzano C, Gómez-Sánchez R, Gonçalves DA, Goncu E, Gong Q, Gongora C, Gonzalez CB, Gonzalez-Alegre P, Gonzalez-Cabo P, González-Polo RA, Goping IS, Gorbea C, Gorbunov NV, Goring DR, Gorman AM, Gorski SM, Goruppi S, Goto-Yamada S, Gotor C, Gottlieb RA, Gozes I, Gozuacik D, Graba Y, Graef M, Granato GE, Grant GD, Grant S, Gravina GL, Green DR, Greenhough A, Greenwood MT, Grimaldi B, Gros F, Grose C, Groulx JF, Gruber F, Grumati P, Grune T, Guan JL, Guan KL, Guerra B, Guillen C, Gulshan K, Gunst J, Guo C, Guo L, Guo M, Guo W, Guo XG, Gust AA, Gustafsson ÅB, Gutierrez E, Gutierrez MG, Gwak HS, Haas A, Haber JE, Hadano S, Hagedorn M, Hahn DR, Halayko AJ, Hamacher-Brady A, Hamada K, Hamai A, Hamann A, Hamasaki M, Hamer I, Hamid Q, Hammond EM, Han F, Han W, Handa JT, Hanover JA, Hansen M, Harada M, Harhaji-Trajkovic L, Harper JW, Harrath AH, Harris AL, Harris J, Hasler U, Hasselblatt P, Hasui K, Hawley RG, Hawley TS, He C, He CY, He F, He G, He RR, He XH, He YW, He YY, Heath JK, Hébert MJ, Heinzen RA, Helgason GV, Hensel M, Henske EP, Her C, Herman PK, Hernández A, Hernandez C, Hernández-Tiedra S, Hetz C, Hiesinger PR, Higaki K, Hilfiker S, Hill BG, Hill JA, Hill WD, Hino K, Hofius D, Hofman P, Höglinger GU, Höhfeld J, Holz MK, Hong Y, Hood DA, Hoozemans JJ, Hoppe T, Hsu C, Hsu CY, Hsu LC, Hu D, Hu G, Hu HM, Hu H, Hu MC, Hu YC, Hu ZW, Hua F, Hua Y, Huang C, Huang HL, Huang KH, Huang KY, Huang S, Huang S, Huang WP, Huang YR, Huang Y, Huang Y, Huber TB, Huebbe P, Huh WK, Hulmi JJ, Hur GM, Hurley JH, Husak Z, Hussain SN, Hussain S, Hwang JJ, Hwang S, Hwang TI, Ichihara A, Imai Y, Imbriano C, Inomata M, Into T, Iovane V, Iovanna JL, Iozzo RV, Ip NY, Irazoqui JE, Iribarren P, Isaka Y, Isakovic AJ, Ischiropoulos H, Isenberg JS, Ishaq M, Ishida H, Ishii I, Ishmael JE, Isidoro C, Isobe K, Isono E, Issazadeh-Navikas S, Itahana K,

Itakura E, Ivanov AI, Iyer AK, Izquierdo JM, Izumi Y, Izzo V, Jäättelä M, Jaber N, Jackson DJ, Jackson WT, Jacob TG, Jacques TS, Jagannath C, Jain A, Jana NR, Jang BK, Jani A, Janji B, Jannig PR, Jansson PJ, Jean S, Jendrach M, Jeon JH, Jessen N, Jeung EB, Jia K, Jia L, Jiang H, Jiang H, Jiang L, Jiang T, Jiang X, Jiang X, Jiang X, Jiang Y, Jiang Y, Jiménez A, Jin C, Jin H, Jin L, Jin M, Jin S, Jinwal UK, Jo EK, Johansen T, Johnson DE, Johnson GV, Johnson JD, Jonasch E, Jones C, Joosten LA, Jordan J, Joseph AM, Joseph B, Joubert AM, Ju D, Ju J, Juan HF, Juenemann K, Juhász G, Jung HS, Jung JU, Jung YK, Jungbluth H, Justice MJ, Jutten B, Kaakoush NO, Kaarniranta K, Kaasik A, Kabuta T, Kaeffer B, Kågedal K, Kahana A, Kajimura S, Kakhlon O, Kalia M, Kalvakolanu DV, Kamada Y, Kambas K, Kaminsky VO, Kampinga HH, Kandouz M, Kang C, Kang R, Kang TC, Kanki T, Kanneganti TD, Kanno H, Kanthasamy AG, Kantorow M, Kaparakis-Liaskos M, Kapuy O, Karantza V, Karim MR, Karmakar P, Kaser A, Kaushik S, Kawula T, Kaynar AM, Ke PY, Ke ZJ, Kehrl JH, Keller KE, Kemper JK, Kenworthy AK, Kepp O, Kern A, Kesari S, Kessel D, Ketteler R, Kettelhut Ido C, Khambu B, Khan MM, Khandelwal VK, Khare S, Kiang JG, Kiger AA, Kihara A, Kim AL, Kim CH, Kim DR, Kim DH, Kim EK, Kim HY, Kim HR, Kim JS, Kim JH, Kim JC, Kim JH, Kim KW, Kim MD, Kim MM, Kim PK, Kim SW, Kim SY, Kim YS, Kim Y, Kimchi A, Kimmelman AC, Kimura T, King JS, Kirkegaard K, Kirkin V, Kirshenbaum LA, Kishi S, Kitajima Y, Kitamoto K, Kitaoka Y, Kitazato K, Kley RA, Klimecki WT, Klinkenberg M, Klucken J, Knævelsrud H, Knecht E, Knuppertz L, Ko JL, Kobayashi S, Koch JC, Koechlin-Ramonatxo C, Koenig U, Koh YH, Köhler K, Kohlwein SD, Koike M, Komatsu M, Kominami E, Kong D, Kong HJ, Konstantakou EG, Kopp BT, Korcsmaros T, Korhonen L, Korolchuk VI, Koshkina NV, Kou Y, Koukourakis MI, Koumenis C, Kovács AL, Kovács T, Kovacs WJ, Koya D, Kraft C, Krainc D, Kramer H, Kravic-Stevovic T, Krek W, Kretz-Remy C, Krick R, Krishnamurthy M, Kriston-Vizi J, Kroemer G, Kruer MC, Kruger R, Ktistakis NT, Kuchitsu K, Kuhn C, Kumar AP, Kumar A, Kumar A, Kumar D, Kumar D, Kumar R, Kumar S, Kundu M, Kung HJ, Kuno A, Kuo SH, Kuret J, Kurz T, Kwok T, Kwon TK, Kwon YT, Kyrmizi I, La Spada AR, Lafont F, Lahm T, Lakkaraju A, Lam T, Lamark T, Lancel S, Landowski TH, Lane DJ, Lane JD, Lanzi C, Lapaquette P, Lapierre LR, Laporte J, Laukkanen J, Laurie GW, Lavandero S, Lavie L, LaVoie MJ, Law BY, Law HK, Law KB, Layfield R, Lazo PA, Le Cam L, Le Roch KG, Le Stunff H, Leardkamolkarn V, Lecuit M, Lee BH, Lee CH, Lee EF, Lee GM, Lee HJ, Lee H, Lee JK, Lee J, Lee JH, Lee JH, Lee M, Lee MS, Lee PJ, Lee SW, Lee SJ, Lee SJ, Lee SY, Lee SH, Lee SS, Lee SJ, Lee S, Lee YR, Lee YJ, Lee YH, Leeuwenburgh C, Lefort S, Legouis R, Lei J, Lei QY, Leib DA, Leibowitz G, Lekli I, Lemaire SD, Lemasters JJ, Lemberg MK, Lemoine A, Leng S, Lenz G, Lenzi P, Lerman LO, Lettieri Barbato D, Leu JI, Leung HY, Levine B, Lewis PA, Lezoualc'h F, Li C, Li F, Li FJ, Li J, Li K, Li L, Li M, Li M, Li Q, Li R, Li S, Li W, Li W, Li X, Li Y, Lian J, Liang C, Liang Q, Liao Y, Liberal J, Liberski PP, Lie P, Lieberman AP, Lim HJ, Lim KL, Lim K, Lima RT, Lin CS, Lin CF, Lin F, Lin F, Lin FC, Lin K, Lin KH, Lin PH, Lin T, Lin WW, Lin YS, Lin Y, Linden R, Lindholm D, Lindqvist LM, Lingor P, Linkermann A, Liotta LA, Lipinski MM, Lira VA, Lisanti MP, Liton PB, Liu B, Liu C, Liu CF, Liu F, Liu HJ, Liu J, Liu JJ, Liu JL, Liu K, Liu L, Liu L, Liu Q, Liu RY, Liu S, Liu S, Liu W, Liu XD, Liu X, Liu XH, Liu X, Liu X, Liu X, Liu Y, Liu Y, Liu Z, Liu Z, Liuzzi JP, Lizard G, Ljujic M, Lodhi IJ, Logue SE, Lokeshwar BL, Long YC, Lonial S, Loos B, López-Otín C, López-Vicario C, Lorente M, Lorenzi PL, Lőrincz P, Los M, Lotze MT, Lovat PE, Lu B, Lu B, Lu J, Lu Q, Lu SM, Lu S, Lu Y, Luciano F, Luckhart S, Lucocq JM, Ludovico P, Lugea A, Lukacs NW, Lum JJ, Lund AH, Luo H, Luo J, Luo S, Luparello C, Lyons T, Ma J, Ma Y, Ma Y, Ma Z, Machado J, Machado-Santelli GM, Macian F, MacIntosh GC, MacKeigan JP, Macleod KF, MacMicking JD, MacMillan-Crow LA, Madeo F, Madesh M, Madrigal-Matute J, Maeda A, Maeda T, Maegawa G, Maellaro E, Maes H, Magariños M, Maiese K, Maiti TK, Maiuri L, Maiuri MC, Maki CG, Malli R, Malorni W, Maloyan A, Mami-Chouaib F, Man N, Mancias JD, Mandelkow EM, Mandell MA, Manfredi AA, Manié SN, Manzoni C, Mao K, Mao Z, Mao ZW, Marambaud P, Marconi AM, Marelja Z, Marfe G, Margeta M, Margittai E, Mari M, Mariani FV, Marin C, Marinelli S, Mariño G, Markovic I, Marquez R, Martelli AM, Martens S, Martin KR, Martin SJ, Martin S, Martin-Acebes MA, Martín-Sanz P, Martinand-Mari C, Martinet W, Martinez J, Martinez-Lopez N, Martinez-Outschoorn U, Martínez-Velázquez M, Martinez-Vicente M, Martins WK, Mashima H, Mastrianni JA, Matarese G, Matarrese P, Mateo R, Matoba S, Matsumoto N, Matsushita T, Matsuura A, Matsuzawa T, Mattson MP, Matus S, Maugeri N, Mauvezin C, Mayer A, Maysinger D, Mazzolini GD, McBrayer MK, McCall K, McCormick C, McInerney GM, McIver SC, McKenna S, McMahon JJ, McNeish IA, Mehta-Grigoriou F, Medema JP, Medina DL, Megyeri K, Mehrpour M, Mehta JL, Mei Y, Meier UC, Meijer

AJ, Meléndez A, Melino G, Melino S, de Melo EJ, Mena MA, Meneghini MD, Menendez JA, Menezes R, Meng L, Meng LH, Meng S, Menghini R, Menko AS, Menna-Barreto RF, Menon MB, Meraz-Ríos MA, Merla G, Merlini L, Merlot AM, Meryk A, Meschini S, Meyer JN, Mi MT, Miao CY, Micale L, Michaeli S, Michiels C, Migliaccio AR, Mihailidou AS, Mijaljica D, Mikoshiba K, Milan E, Miller-Fleming L, Mills GB, Mills IG, Minakaki G, Minassian BA, Ming XF, Minibayeva F, Minina EA, Mintern JD, Minucci S, Miranda-Vizuete A, Mitchell CH, Miyamoto S, Miyazawa K, Mizushima N, Mnich K, Mograbi B, Mohseni S, Moita LF, Molinari M, Molinari M, Møller AB, Mollereau B, Mollinedo F, Mongillo M, Monick MM, Montagnaro S, Montell C, Moore DJ, Moore MN, Mora-Rodriguez R, Moreira PI, Morel E, Morelli MB, Moreno S, Morgan MJ, Moris A, Moriyasu Y, Morrison JL, Morrison LA, Morselli E, Moscat J, Moseley PL, Mostowy S, Motori E, Mottet D, Mottram JC, Moussa CE, Mpakou VE, Mukhtar H, Mulcahy Levy JM, Muller S, Muñoz-Moreno R, Muñoz-Pinedo C, Münz C, Murphy ME, Murray JT, Murthy A, Mysorekar IU, Nabi IR, Nabissi M, Nader GA, Nagahara Y, Nagai Y, Nagata K, Nagelkerke A, Nagy P, Naidu SR, Nair S, Nakano H, Nakatogawa H, Nanjundan M, Napolitano G, Naqvi NI, Nardacci R, Narendra DP, Narita M, Nascimbeni AC, Natarajan R, Navegantes LC, Nawrocki ST, Nazarko TY, Nazarko VY, Neill T, Neri LM, Netea MG, Netea-Maier RT, Neves BM, Ney PA, Nezis IP, Nguyen HT, Nguyen HP, Nicot AS, Nilsen H, Nilsson P, Nishimura M, Nishino I, Niso-Santano M, Niu H, Nixon RA, Njar VC, Noda T, Noegel AA, Nolte EM, Norberg E, Norga KK, Noureini SK, Notomi S, Notterpek L, Nowikovsky K, Nukina N, Nürnberger T, O'Donnell VB, O'Donovan T, O'Dwyer PJ, Oehme I, Oeste CL, Ogawa M, Ogretmen B, Ogura Y, Oh YJ, Ohmuraya M, Ohshima T, Ojha R, Okamoto K, Okazaki T, Oliver FJ, Ollinger K, Olsson S, Orban DP, Ordonez P, Orhon I, Orosz L, O'Rourke EJ, Orozco H, Ortega AL, Ortona E, Osellame LD, Oshima J, Oshima S, Osiewacz HD, Otomo T, Otsu K, Ou JH, Outeiro TF, Ouyang DY, Ouyang H, Overholtzer M, Ozbun MA, Ozdinler PH, Ozpolat B, Pacelli C, Paganetti P, Page G, Pages G, Pagnini U, Pajak B, Pak SC, Pakos-Zebrucka K, Pakpour N, Palková Z, Palladino F, Pallauf K, Pallet N, Palmieri M, Paludan SR, Palumbo C, Palumbo S, Pampliega O, Pan H, Pan W, Panaretakis T, Pandey A, Pantazopoulou A, Papackova Z, Papademetrio DL, Papassideri I, Papini A, Parajuli N, Pardo J, Parekh VV, Parenti G, Park JI, Park J, Park OK, Parker R, Parlato R, Parys JB, Parzych KR, Pasquet JM, Pasquier B, Pasumarthi KB, Patschan D, Patterson C, Pattingre S, Pattison S, Pause A, Pavenstädt H, Pavone F, Pedrozo Z, Peña FJ, Peñalva MA, Pende M, Peng J, Penna F, Penninger JM, Pensalfini A, Pepe S, Pereira GJ, Pereira PC, Pérez-de la Cruz V, Pérez-Pérez ME, Pérez-Rodríguez D, Pérez-Sala D, Perier C, Perl A, Perlmutter DH, Perrotta I, Pervaiz S, Pesonen M, Pessin JE, Peters GJ, Petersen M, Petrache I, Petrof BJ, Petrovski G, Phang JM, Piacentini M, Pierdominici M, Pierre P, Pierrefite-Carle V, Pietrocola F, Pimentel-Muiños FX, Pinar M, Pineda B, Pinkas-Kramarski R, Pinti M, Pinton P, Piperdi B, Piret JM, Platanias LC, Platta HW, Plowey ED, Pöggeler S, Poirot M, Polčič P, Poletti A, Poon AH, Popelka H, Popova B, Poprawa I, Poulouse SM, Poulton J, Powers SK, Powers T, Pozuelo-Rubio M, Prak K, Prange R, Prescott M, Priault M, Prince S, Proia RL, Proikas-Cezanne T, Prokisch H, Promponas VJ, Przyklenk K, Puertollano R, Pugazhenth S, Puglielli L, Pujol A, Puyal J, Pyeon D, Qi X, Qian WB, Qin ZH, Qiu Y, Qu Z, Cuadrilatero J, Quinn F, Raben N, Rabinowich H, Radogna F, Ragusa MJ, Rahmani M, Raina K, Ramanadham S, Ramesh R, Rami A, Randall-Demillo S, Randow F, Rao H, Rao VA, Rasmussen BB, Rasse TM, Ratovitski EA, Rautou PE, Ray SK, Razani B, Reed BH, Reggiori F, Rehm M, Reichert AS, Rein T, Reiner DJ, Reits E, Ren J, Ren X, Renna M, Reusch JE, Revuelta JL, Reyes L, Rezaie AR, Richards RI, Richardson DR, Richetta C, Riehle MA, Rihn BH, Rikihisa Y, Riley BE, Rimbach G, Rippo MR, Ritis K, Rizzi F, Rizzo E, Roach PJ, Robbins J, Roberge M, Roca G, Roccheri MC, Rocha S, Rodrigues CM, Rodríguez CI, de Cordoba SR, Rodriguez-Muela N, Roelofs J, Rogov VV, Rohn TT, Rohrer B, Romanelli D, Romani L, Romano PS, Roncero MI, Rosa JL, Rosello A, Rosen KV, Rosenstiel P, Rost-Roszkowska M, Roth KA, Roué G, Rouis M, Rouschop KM, Ruan DT, Ruano D, Rubinsztein DC, Rucker EB 3rd, Rudich A, Rudolf E, Rudolf R, Ruegg MA, Ruiz-Roldan C, Ruparelia AA, Rusmini P, Russ DW, Russo GL, Russo G, Russo R, Rusten TE, Ryabovol V, Ryan KM, Ryter SW, Sabatini DM, Sacher M, Sachse C, Sack MN, Sadoshima J, Saftig P, Sagi-Eisenberg R, Sahni S, Saikumar P, Saito T, Saitoh T, Sakakura K, Sakoh-Nakatogawa M, Sakuraba Y, Salazar-Roa M, Salomoni P, Saluja AK, Salvaterra PM, Salvioli R, Samali A, Sanchez AM, Sánchez-Alcázar JA,

Sanchez-Prieto R, Sandri M, Sanjuan MA, Santaguida S, Santambrogio L, Santoni G, Dos Santos CN, Saran S, Sardiello M, Sargent G, Sarkar P, Sarkar S, Sarrias MR, Sarwal MM, Sasakawa C, Sasaki M, Sass M, Sato K, Sato M, Satriano J, Savaraj N, Saveljeva S, Schaefer L, Schaible UE, Scharl M, Schatzl HM, Schekman R, Scheper W, Schiavi A, Schipper HM, Schmeisser H, Schmidt J, Schmitz I, Schneider BE, Schneider EM, Schneider JL, Schon EA, Schönenberger MJ, Schönthal AH, Schorderet DF, Schröder B, Schuck S, Schulze RJ, Schwarten M, Schwarz TL, Sciarretta S, Scotto K, Scovassi AI, Screation RA, Screen M, Seca H, Sedej S, Segatori L, Segev N, Seglen PO, Seguí-Simarro JM, Segura-Aguilar J, Seki E, Sell C, Seiliez I, Semenkovich CF, Semenza GL, Sen U, Serra AL, Serrano-Puebla A, Sesaki H, Setoguchi T, Settembre C, Shacka JJ, Shajahan-Haq AN, Shapiro IM, Sharma S, She H, Shen CK, Shen CC, Shen HM, Shen S, Shen W, Sheng R, Sheng X, Sheng ZH, Shepherd TG, Shi J, Shi Q, Shi Q, Shi Y, Shibutani S, Shibuya K, Shidoji Y, Shieh JJ, Shih CM, Shimada Y, Shimizu S, Shin DW, Shinohara ML, Shintani M, Shintani T, Shioi T, Shirabe K, Shiri-Sverdlov R, Shirihai O, Shore GC, Shu CW, Shukla D, Sibirny AA, Sica V, Sigurdson CJ, Sigurdsson EM, Sijwali PS, Sikorska B, Silveira WA, Silvente-Poirot S, Silverman GA, Simak J, Simmet T, Simon AK, Simon HU, Simone C, Simons M, Simonsen A, Singh R, Singh SV, Singh SK, Sinha D, Sinha S, Sinicrope FA, Sirko A, Sirohi K, Sishi BJ, Sittler A, Siu PM, Sivridis E, Skwarska A, Slack R, Slaninová I, Slavov N, Smaili SS, Smalley KS, Smith DR, Soenen SJ, Soleimanpour SA, Solhaug A, Somasundaram K, Son JH, Sonawane A, Song C, Song F, Song HK, Song JX, Song W, Soo KY, Sood AK, Soong TW, Soontornniyomkij V, Sorice M, Sotgia F, Soto-Pantoja DR, Sotthibundhu A, Sousa MJ, Spaink HP, Span PN, Spang A, Sparks JD, Speck PG, Spector SA, Spies CD, Springer W, Clair DS, Stacchiotti A, Staels B, Stang MT, Starczynowski DT, Starokadomskyy P, Steegborn C, Steele JW, Stefanis L, Steffan J, Stellrecht CM, Stenmark H, Stepkowski TM, Stern ST, Stevens C, Stockwell BR, Stoka V, Storchova Z, Stork B, Stratoulis V, Stravopodis DJ, Strnad P, Strohecker AM, Ström AL, Stromhaug P, Stulik J, Su YX, Su Z, Subauste CS, Subramaniam S, Sue CM, Suh SW, Sui X, Sukserree S, Sulzer D, Sun FL, Sun J, Sun J, Sun SY, Sun Y, Sun Y, Sun Y, Sundaramoorthy V, Sung J, Suzuki H, Suzuki K, Suzuki N, Suzuki T, Suzuki YJ, Swanson MS, Swanton C, Swärd K, Swarup G, Sweeney ST, Sylvester PW, Szatmari Z, Szegezdi E, Szlosarek PW, Taegtmeyer H, Tafani M, Taillebourg E, Tait SW, Takacs-Vellai K, Takahashi Y, Takáts S, Takemura G, Takigawa N, Talbot NJ, Tamagno E, Tamburini J, Tan CP, Tan L, Tan ML, Tan M, Tan YJ, Tanaka K, Tanaka M, Tang D, Tang D, Tang G, Tanida I, Tanji K, Tannous BA, Tapia JA, Tasset-Cuevas I, Tatar M, Tavassoly I, Tavernarakis N, Taylor A, Taylor GS, Taylor GA, Taylor JP, Taylor MJ, Tchetina EV, Tee AR, Teixeira-Clerc F, Telang S, Tencomnao T, Teng BB, Teng RJ, Terro F, Tettamanti G, Theiss AL, Theron AE, Thomas KJ, Thomé MP, Thomes PG, Thorburn A, Thorner J, Thum T, Thumm M, Thurston TL, Tian L, Till A, Ting JP, Titorenko VI, Toker L, Toldo S, Tooze SA, Topisirovic I, Torgersen ML, Torosantucci L, Torriglia A, Torrisi MR, Tournier C, Towns R, Trajkovic V, Travassos LH, Triola G, Tripathi DN, Trisciuglio D, Troncoso R, Trougakos IP, Truttmann AC, Tsai KJ, Tschan MP, Tseng YH, Tsukuba T, Tsung A, Tsvetkov AS, Tu S, Tuan HY, Tucci M, Tumbarello DA, Turk B, Turk V, Turner RF, Tveita AA, Tyagi SC, Ubukata M, Uchiyama Y, Udelnow A, Ueno T, Umekawa M, Umemiya-Shirafuji R, Underwood BR, Ungermann C, Ureshino RP, Ushioda R, Uversky VN, Uzcátegui NL, Vaccari T, Vaccaro MI, Váchová L, Vakifahmetoglu-Norberg H, Valdor R, Valente EM, Vallette F, Valverde AM, Van den Berghe G, Van Den Bosch L, van den Brink GR, van der Goot FG, van der Klei IJ, van der Laan LJ, van Doorn WG, van Egmond M, van Golen KL, Van Kaer L, van Lookeren Campagne M, Vandenabeele P, Vandenberghe W, Vanhorebeek I, Varela-Nieto I, Vasconcelos MH, Vasko R, Vavvas DG, Vega-Naredo I, Velasco G, Velentzas AD, Velentzas PD, Vellai T, Vellenga E, Vendelbo MH, Venkatachalam K, Ventura N, Ventura S, Veras PS, Verdier M, Vertessy BG, Viale A, Vidal M, Vieira HL, Vierstra RD, Vigneswaran N, Vij N, Vila M, Villar M, Villar VH, Villarroya J, Vindis C, Viola G, Viscomi MT, Vitale G, Vogl DT, Voitsekhovskaja OV, von Haefen C, von Schwarzenberg K, Voth DE, Vouret-Craviari V, Vuori K, Vyas JM, Waeber C, Walker CL, Walker MJ, Walter J, Wan L, Wan X, Wang B, Wang C, Wang CY, Wang C, Wang C, Wang C, Wang D, Wang F, Wang F, Wang G, Wang HJ, Wang H, Wang HG, Wang H, Wang HD, Wang J, Wang J, Wang M, Wang MQ, Wang PY, Wang P, Wang RC, Wang S, Wang TF, Wang X, Wang XJ, Wang XW, Wang X, Wang X, Wang Y, Wang Y, Wang Y, Wang YJ, Wang Y, Wang Y, Wang YT, Wang Y, Wang ZN, Wappner P, Ward C, Ward DM, Warnes G, Watada H, Watanabe Y, Watase K, Weaver TE, Weekes CD, Wei J, Weide T,

Weihl CC, Weindl G, Weis SN, Wen L, Wen X, Wen Y, Westermann B, Weyand CM, White AR, White E, Whitton JL, Whitworth AJ, Wiels J, Wild F, Wildenberg ME, Wileman T, Wilkinson DS, Wilkinson S, Willbold D, Williams C, Williams K, Williamson PR, Winklhofer KF, Witkin SS, Wohlgemuth SE, Wollert T, Wolvetang EJ, Wong E, Wong GW, Wong RW, Wong VK, Woodcock EA, Wright KL, Wu C, Wu D, Wu GS, Wu J, Wu J, Wu M, Wu M, Wu S, Wu WK, Wu Y, Wu Z, Xavier CP, Xavier RJ, Xia GX, Xia T, Xia W, Xia Y, Xiao H, Xiao J, Xiao S, Xiao W, Xie CM, Xie Z, Xie Z, Xilouri M, Xiong Y, Xu C, Xu C, Xu F, Xu H, Xu H, Xu J, Xu J, Xu J, Xu L, Xu X, Xu Y, Xu Y, Xu ZX, Xu Z, Xue Y, Yamada T, Yamamoto A, Yamanaka K, Yamashina S, Yamashiro S, Yan B, Yan B, Yan X, Yan Z, Yanagi Y, Yang DS, Yang JM, Yang L, Yang M, Yang PM, Yang P, Yang Q, Yang W, Yang WY, Yang X, Yang Y, Yang Y, Yang Z, Yang Z, Yao MC, Yao PJ, Yao X, Yao Z, Yao Z, Yasui LS, Ye M, Yedvobnick B, Yeganeh B, Yeh ES, Yeyati PL, Yi F, Yi L, Yin XM, Yip CK, Yoo YM, Yoo YH, Yoon SY, Yoshida K, Yoshimori T, Young KH, Yu H, Yu JJ, Yu JT, Yu J, Yu L, Yu WH, Yu XF, Yu Z, Yuan J, Yuan ZM, Yue BY, Yue J, Yue Z, Zacks DN, Zacksenhaus E, Zaffaroni N, Zaglia T, Zakeri Z, Zecchini V, Zeng J, Zeng M, Zeng Q, Zervos AS, Zhang DD, Zhang F, Zhang G, Zhang GC, Zhang H, Zhang H, Zhang H, Zhang H, Zhang J, Zhang J, Zhang J, Zhang J, Zhang JP, Zhang L, Zhang L, Zhang L, Zhang L, Zhang MY, Zhang X, Zhang XD, Zhang Y, Zhang Y, Zhang Y, Zhang Y, Zhang Y, Zhao M, Zhao WL, Zhao X, Zhao YG, Zhao Y, Zhao YX, Zhao Z, Zhao ZJ, Zheng D, Zheng XL, Zheng X, Zhivotovsky B, Zhong Q, Zhou GZ, Zhou G, Zhou H, Zhou SF, Zhou XJ, Zhu H, Zhu H, Zhu WG, Zhu W, Zhu XF, Zhu Y, Zhuang SM, Zhuang X, Ziparo E, Zois CE, Zoladek T, Zong WX, Zorzano A, Zughaier SM. Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*. 2016;12(1):1-222. doi: 10.1080/15548627.2015.1100356. Erratum in: *Autophagy*. 2016;12(2):443. Selliez, Iban [corrected to Seilliez, Iban]. PubMed PMID: 26799652; PubMed Central PMCID: PMC4835977.

29: Pérez-Borredá P, Simal-Julián JA, de San Román-Mena LP, Botella-Asunción C. Full endoscopic endonasal transsellar-transclival approach: the modularity concept. *Acta Neurochir (Wien)*. 2016 Mar;158(3):437-9. doi: 10.1007/s00701-015-2698-8. Epub 2016 Jan 14. PubMed PMID: 26762131.

30: Escudero D, Valentín MO, Escalante JL, Sanmartín A, Perez-Basterrechea M, de Gea J, Martín M, Velasco J, Pont T, Masnou N, de la Calle B, Marcelo B, Lebrón M, Pérez JM, Burgos M, Gimeno R, Kot P, Yus S, Sancho I, Zabalegui A, Arroyo M, Miñambres E, Elizalde J, Montejo JC, Domínguez-Gil B, Matesanz R. Intensive care practices in brain death diagnosis and organ donation. *Anaesthesia*. 2015 Oct;70(10):1130-9. doi: 10.1111/anae.13065. Epub 2015 May 29. PubMed PMID: 26040194.

31: Kojovic M, Kassavetis P, Bologna M, Pareés I, Rubio-Agusti I, Berardelli A, Edwards MJ, Rothwell JC, Bhatia KP. Transcranial magnetic stimulation follow-up study in early Parkinson's disease: A decline in compensation with disease progression? *Mov Disord*. 2015 Jul;30(8):1098-106. doi: 10.1002/mds.26167. Epub 2015 Mar 5. Erratum in: *Mov Disord*. 2015 Dec;30(14):1997. Berardelli, Alfredo [Corrected to Berardelli, Alfredo]. PubMed PMID: 25753906.

32: Klingspor L, Tortorano AM, Peman J, Willinger B, Hamal P, Sendid B, Velegraki A, Kibbler C, Meis JF, Sabino R, Ruhnke M, Arian-Akdagli S, Salonen J, Dóczy I. Invasive *Candida* infections in surgical patients in intensive care units: a prospective, multicentre survey initiated by the European Confederation of Medical Mycology (ECMM) (2006-2008). *Clin Microbiol Infect*. 2015 Jan;21(1):87.e1-87.e10. doi: 10.1016/j.cmi.2014.08.011. Epub 2014 Oct 12. PubMed PMID: 25636940.

33: Rubio-Almanza M, Cámara-Gómez R, de San Román-Mena LP, Simal-Julián JA, Ramos-Prol A, Botella-Asunción C, Merino-Torres JF. Brain abscess as the initial presentation of a macroprolactinoma: Case report. *Neurocirugia (Astur)*. 2015 Jan-Feb;26(1):48-51. doi: 10.1016/j.neucir.2014.10.002. Epub 2014 Dec 6. PubMed PMID: 25487178.

- 34: López-González A, Plaza E, Márquez-Rivas FJ. Postoperative epidural hematoma contributes to delayed upper cord tethering after decompression of Chiari malformation type I. *Surg Neurol Int.* 2014 Aug 21;5(Suppl 4):S278-81. doi: 10.4103/2152-7806.139384. eCollection 2014. PubMed PMID: 25225620; PubMed Central PMCID: PMC4163907.
- 35: Fernández E, Greger B, House PA, Aranda I, Botella C, Albisua J, Soto-Sánchez C, Alfaro A, Normann RA. Acute human brain responses to intracortical microelectrode arrays: challenges and future prospects. *Front Neuroeng.* 2014 Jul 21;7:24. doi: 10.3389/fneng.2014.00024. eCollection 2014. PubMed PMID: 25100989; PubMed Central PMCID: PMC4104831.
- 36: Oliver-De La Cruz J, Carrión-Navarro J, García-Romero N, Gutiérrez-Martín A, Lázaro-Ibáñez E, Escobedo-Lucea C, Perona R, Belda-Iniesta C, Ayuso-Sacido A. SOX2+ cell population from normal human brain white matter is able to generate mature oligodendrocytes. *PLoS One.* 2014 Jun 5;9(6):e99253. doi: 10.1371/journal.pone.0099253. eCollection 2014. PubMed PMID: 24901457; PubMed Central PMCID: PMC4047120.
- 37: Campos-Ordoñez T, Herranz-Pérez V, Chaichana KL, Rincon-Torroella J, Rigamonti D, García-Verdugo JM, Quiñones-Hinojosa A, Gonzalez-Perez O. Long-term hydrocephalus alters the cytoarchitecture of the adult subventricular zone. *Exp Neurol.* 2014 Nov;261:236-44. doi: 10.1016/j.expneurol.2014.05.011. Epub 2014 May 21. PubMed PMID: 24858805; PubMed Central PMCID: PMC4194226.
- 38: Tong CK, Chen J, Cebrián-Silla A, Mirzadeh Z, Obernier K, Guinto CD, Tecott LH, García-Verdugo JM, Kriegstein A, Alvarez-Buylla A. Axonal control of the adult neural stem cell niche. *Cell Stem Cell.* 2014 Apr 3;14(4):500-11. doi: 10.1016/j.stem.2014.01.014. Epub 2014 Feb 20. PubMed PMID: 24561083; PubMed Central PMCID: PMC4080817.
- 39: Erro R, Rubio-Agusti I, Saifee TA, Cordivari C, Ganos C, Batla A, Bhatia KP. Rest and other types of tremor in adult-onset primary dystonia. *J Neurol Neurosurg Psychiatry.* 2014 Sep;85(9):965-8. doi: 10.1136/jnnp-2013-305876. Epub 2013 Nov 18. PubMed PMID: 24249781; PubMed Central PMCID: PMC4145451.
- 40: Pancucci G, Lopez-Gonzalez A, Sanchez-Garví E, Ramos-Soler D, Pla-Cortina C, Prat-Acin R, Botella-Asunción C. Spinal granulomas associated with intradural morphine delivery systems: early diagnosis and surgical treatment. *Clin Neurol Neurosurg.* 2013 Oct;115(10):2270-3. doi: 10.1016/j.clineuro.2013.07.019. Epub 2013 Aug 6. PubMed PMID: 23932470.
- 41: Simal Julián JA, Miranda Lloret P, López González A, Evangelista Zamora R, Botella Asunción C. Indocyanine green videoangiography "in negative": definition and usefulness in spinal dural arteriovenous fistulae. *Eur Spine J.* 2013 May;22 Suppl 3:S471-7. doi: 10.1007/s00586-012-2646-8. Epub 2013 Jan 12. PubMed PMID: 23314841; PubMed Central PMCID: PMC3641275.
- 42: Simal Julián JA, Miranda Lloret P, Aparici Robles F, Beltrán Giner A, Botella Asunción C. Indocyanine green videoangiography "in negative": definition and usefulness in intracranial dural arteriovenous fistulae. *Neurosurgery.* 2013 Sep;73(1 Suppl Operative):ons86-92; discussion ons92. doi: 10.1227/NEU.0b013e318282ddd6. PubMed PMID: 23266865.
- 43: Miranda P, Simal JA, Menor F, Plaza E, Conde R, Botella C. Initial proximal obstruction of ventriculoperitoneal shunt in patients with preterm-related posthaemorrhagic hydrocephalus. *Pediatr Neurosurg.* 2011;47(2):88-92. doi: 10.1159/000329622. Epub 2011 Sep 23. PubMed PMID: 21952534.
- 44: Lopez-Gonzalez A, Peris-Celda M. Acute paraplegia after chiropraxis. *Eur Spine J.* 2011 Jul;20 Suppl 2:S143-6. doi: 10.1007/s00586-010-1443-5. Epub 2010 Jun 16. PubMed PMID: 20556441; PubMed

Central PMCID: PMC3111500.

45: Miranda P. Intraventricular hemorrhage and posthemorrhagic hydrocephalus in the preterm infant. *Minerva Pediatr.* 2010 Feb;62(1):79-89. PubMed PMID: 20212401.

46: Prat R, Galeano I, Lucas A, Martínez JC, Martín M, Amador R, Reynés G. Relative value of magnetic resonance spectroscopy, magnetic resonance perfusion, and 2-(18F) fluoro-2-deoxy-D-glucose positron emission tomography for detection of recurrence or grade increase in gliomas. *J Clin Neurosci.* 2010 Jan;17(1):50-3. doi: 10.1016/j.jocn.2009.02.035. Epub 2009 Dec 2. PubMed PMID: 19959364.

47: Prat R, Galeano I. Endoscopic biopsy of foramen of Monro and third ventricle lesions guided by frameless neuronavigation: usefulness and limitations. *Clin Neurol Neurosurg.* 2009 Sep;111(7):579-82. doi: 10.1016/j.clineuro.2009.04.008. Epub 2009 May 26. PubMed PMID: 19473754.

48: Prat R, Galeano I. Pain improvement in patients with syringomyelia and Chiari I malformation treated with suboccipital decompression and tonsillar coagulation. *J Clin Neurosci.* 2009 Apr;16(4):531-4. doi: 10.1016/j.jocn.2008.06.012. Epub 2009 Feb 23. PubMed PMID: 19231199.

49: Miranda P, Simal JA, Vila M, Hernández M, Menor F, Alvarez-Garijo JA. Posterior fossa clear cell meningioma without dural attachment in a child. *Childs Nerv Syst.* 2009 Mar;25(3):389-92. doi: 10.1007/s00381-008-0757-7. Epub 2008 Nov 22. PubMed PMID: 19030867.

50: Prat R, Galeano I. Endoscopic resection of cavernoma of foramen of Monro in a patient with familial multiple cavernomatosis. *Clin Neurol Neurosurg.* 2008 Sep;110(8):834-7. doi: 10.1016/j.clineuro.2008.05.011. Epub 2008 Jun 27. PubMed PMID: 18584950.

51: Prat Acín R, Galeano I. Giant occipital intradiploic epidermoid cyst associated with iatrogenic puncture. *Acta Neurochir (Wien).* 2008 Apr;150(4):413-4. doi: 10.1007/s00701-008-1490-9. Epub 2008 Feb 28. PubMed PMID: 18301860.

52: Prat R, Galeano I, Conde R, Simal JA, Cárdenas E. Surgical removal after first bleeding of an arteriovenous malformation previously obliterated with radiosurgery: case report. *Surg Neurol.* 2009 Feb;71(2):211-4; discussion 214-5. doi: 10.1016/j.surneu.2007.07.046. Epub 2008 Mar 4. PubMed PMID: 18291471.

53: Vila Mengual M, Miranda Lloret P, López González A, Simal JA, Alvarez Garijo JA. Spinal cord lipoma without dysraphism in the infancy that extends intracranially. Case report and review of the literature. *Surg Neurol.* 2009 May;71(5):613-5. doi: 10.1016/j.surneu.2007.10.036. Epub 2008 Mar 4. PubMed PMID: 18291460.

54: Villanueva V, Carreño M, Herranz Fernández JL, Gil-Nagel A. Surgery and electrical stimulation in epilepsy: selection of candidates and results. *Neurologist.* 2007 Nov;13(6 Suppl 1):S29-37. doi: 10.1097/NRL.0b013e31815c0fbc. Review. PubMed PMID: 18090949.

55: López-González A, Resurrección Giner M. Idiopathic spinal epidural lipomatosis: urgent decompression in an atypical case. *Eur Spine J.* 2008 Sep;17 Suppl 2:S225-7. Epub 2007 Sep 18. PubMed PMID: 17876611; PubMed Central PMCID: PMC2525894.

56: Prat R, Galeano I. Early surgical treatment of middle cerebral artery aneurysms associated with intracerebral haematoma. *Clin Neurol Neurosurg.* 2007 Jun;109(5):431-5. Epub 2007 Apr 20. PubMed

PMID: 17449171.

57: Miranda P, Gomez P, Alday R, Kaen A, Ramos A. Brown-Sequard syndrome after blunt cervical spine trauma: clinical and radiological correlations. Eur Spine J. 2007 Aug;16(8):1165-70. Epub 2007 Mar 30. PubMed PMID: 17394028; PubMed Central PMCID: PMC2200771.

Miranda P, Vila M, Alvarez-Garijo JA, Perez-Nunez A. Birth trauma and development of [growing fracture](#) after [coronal suture](#) disruption. Childs Nerv Syst. 2007 Mar;23(3):355-8. Epub 2006 Oct 5. PubMed PMID: 17021730.

López González A, Gutiérrez Marín A, Alvarez Garijo JA, Vila Mengual M. [Penetrating head injury](#) in a paediatric patient caused by an electrical plug. Childs Nerv Syst. 2006 Feb;22(2):197-200. Epub 2005 Jun 1. PubMed PMID: 15928968.

Alvarez-Garijo JA, Cavadas PC, Vila MM, Alvarez-Llanas A. [Sagittal synostosis](#): results of surgical treatment in 210 patients. Childs Nerv Syst. 2001 Jan;17(1-2):64-8. PubMed PMID: 11219626.

Alvarez-Garijo JA, Cavadas P, Vila M, Fabregat J, Alvarez A. [Craniopharyngioma](#) in [children](#). Surgical treatment by a [transbasal anterior approach](#). Childs Nerv Syst. 1998 Dec;14(12):709-12. PubMed PMID: 9881623.

Riesgo P, Piquer J, Botella C, Orozco M, Navarro J, Cabanes J. Delayed [extradural hematoma](#) after [mild head injury](#): report of three cases. Surg Neurol. 1997 Sep;48(3):226-31. PubMed PMID: 9290708.

Botella C, Orozco M, Navarro J, Riesgo P. [Idiopathic chronic hypertrophic craniocervical pachymeningitis](#): case report. Neurosurgery. 1994 Dec;35(6):1144-9. Review. PubMed PMID: 7885562.

From:

<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**

Permanent link:

https://neurosurgerywiki.com/wiki/doku.php?id=hospital_universitario_y_politecnico_la_fe

Last update: **2024/06/07 02:52**

