

Curriculum Vitae

Nome / Cognome **Felice Giangaspero**

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Nationalità Italiana

Esperienza Professionale

1976-1980: Assistente incaricato presso l'Istituto di Anatomia e Istologia Patologica della Università di Bologna

1980-1995 Ricercatore confermato presso l'Istituto di Anatomia e Istologia Patologica della Università di Bologna.

1996- 2000: Primario di Anatomia Patologica Ospedale "M.Bufalini", Cesena

2001-2010 Professore associato di Anatomia Patologica presso la Facoltà di Medicina e Chirurgia dell'Università Sapienza di Roma

2011-a tutt'oggi Professore Ordinario di Anatomia Patologica presso la Facoltà di Medicina e Chirurgia dell'Università Sapienza di Roma

2002 a tutt'oggi Consulente Scientifico IRCCS I.N.M. Neuromed, Pozzilli (IS)

2012 a tutt'oggi Direttore UOC di Anatomia Patologica e Citodiagnostica , Policlinico Umberto I°, Roma

Istruzione e Formazione

Laurea in Medicina e Chirurgia presso l'Università di Bologna con pieni voti e lode.

SPECIALIZZAZIONI

1. Specializzazione in Anatomia e Istologia Patologica con lode presso l'Università di Bari.
2. Specializzazione in Neuropatologia. Università di Milano.

PERIODI DI STUDIO E AGGIORNAMENTO TRASCORSI ALL'ESTERO

- 1 Gennaio - 31 Dicembre 1981: "Visiting Fellow" Department of Pathology, Duke University, Durham, North Carolina, U.S.A.
- 1 Gennaio - 31 Luglio 1982: "Post-doctoral research Fellow", Department of Pathology Duke University, Durham, North Carolina, U.S.A.
- Giugno- 31 Luglio 1984: "Visiting Fellow", Department of Pathology Duke University, Durham, North Carolina, U.S.A.
- 1-31 Luglio 1986: "Visiting Scientist", Department of Pathology, Università di Zurigo.
- 10-13 Giugno 1990 "Visiting Scholar" Department of Pathology Mayo Clinic, Rochester, Minnesota USA
- 23-25 Giugno 1992 "Visiting Scholar" Department of Pathology, Harvard Medical School, Boston, Massachusetts USA
- 15-16 Giugno 1994 "Visiting Scholar" Department of Pathology, Johns Hopkins Medical Institutions, Baltimore, MD, USA
- 9-13 giugno 1995 "Visiting Scholar", Department of Pathology, Deaconess Hospital, Harvard Medical School Boston, Massachusetts USA.
- 5-11 marzo 2001 "guest scientist", Department of Neuropathology, University of Bonn (Germany)
- 27-30 settembre 2001, "visiting scientist", Unit of Molecular Pathology, International Agency on Cancer, Lione (Francia)
- 25-29 giugno 2001, "visiting scientist", Division of Neuropathology, Johns Hopkins University, Baltimora (USA)
- 1-5 marzo 2004, "visiting scientist", Division of Neuropathology, Institute of Nuerology at the National Hospital for Neurology and Neurosurgery, Londra

Capacità e Competenze personali

Madrelingua **Italiano**

Altre lingue **Inglese**

Self-assessment
European level ()*

Comprensione		Parlato		Scritto
Listening Ottimo	Reading Ottimo	Spoken interaction Ottimo	Spoken production Ottimo	Ottimo

(*) Common European Framework of Reference for Languages

Pubblicazioni Scientifiche
(ultimi 5 anni)

- 1: Arcella A, Oliva MA, Staffieri S, Sanchez M, Madonna M, Riozzi B, Esposito V, Giangaspero F, Frati L. Effects of aloe emodin on U87MG glioblastoma cell growth: in vitro and in vivo study. *Environ Toxicol*. 2018 Sep 15. doi: 10.1002/tox.22622. [Epub ahead of print] PubMed PMID: 30218594.
- 2: Rossi S, Brenca M, Zanatta L, Trincia E, Guerriero A, Pizzato C, Fiorindi A, Viscardi E, Giangaspero F, Maestro R, Dei Tos AP, Giannini C. A Pediatric Intra-Axial Malignant SMARCB1-Deficient Desmoplastic Tumor Arising in Meningioangiomas. *J Neuropathol Exp Neurol*. 2018 Oct 1;77(10):883-889. doi: 10.1093/jnen/nly075. PubMed PMID: 30169623.
- 3: Caporlingua A, D'Angelo L, Tropeano MP, Massimo V, De Vincentiis L, Gargano L, Cellini M, Mercuri V, Giangaspero F, Gargiulo P, Santoro A. Infundibuloneurohypophysitis associated with autoimmune thrombocytopenia and chiasmal syndrome: a case report. *Acta Neurol Belg*. 2018 Aug 20. doi: 10.1007/s13760-018-1007-8. [Epub ahead of print] PubMed PMID: 30128677.
- 4: Massimino M, Barretta F, Modena P, Giangaspero F, Chiapparini L, Erbetta A, Boschetti L, Antonelli M, Ferroli P, Bertin D, Pecori E, Biassoni V, Garrè ML, Schiavello E, Sardi I, Viscardi E, Scarzello G, Mascarin M, Quaglietta L, Cinalli G, Genitori L, Peretta P, Mussano A, Barra S, Mastronuzzi A, Giussani C, Marras CE, Balter R, Bertolini P, Tornesello A, La Spina M, Buttarelli FR, Ruggiero A, Caldarelli M, Poggi G, Gandola L. Pediatric intracranial ependymoma: correlating signs and symptoms at recurrence with outcome in the second prospective AIEOP protocol follow-up. *J Neurooncol*. 2018 Aug 14. doi: 10.1007/s11060-018-2974-6. [Epub ahead of print] PubMed PMID: 30109673.
- 5: 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. Review. PubMed PMID: 30102236.
- 6: Po A, Abballe L, Sabato C, Gianni F, Chiacchiarini M, Catanzaro G, De Smaele E, Giangaspero F, Ferretti E, Miele E, Besharat ZM. Sonic Hedgehog Medulloblastoma Cancer Stem Cells Mirnome and Transcriptome Highlight Novel Functional Networks. *Int J Mol Sci*. 2018 Aug 8;19(8). pii: E2326. doi: 10.3390/ijms19082326. PubMed PMID: 30096798; PubMed Central PMCID: PMC6121264.
- 7: Riva G, Cima L, Villanova M, Ghimenton C, Sina S, Riccioni L, Munari G, Fassan M, Giangaspero F, Eccher A. Low-grade neuroepithelial tumor: Unusual presentation in an adult without history of seizures. *Neuropathology*. 2018 Jul 26. doi: 10.1111/neup.12504. [Epub ahead of print] PubMed PMID: 30051533.
- 8: Polidoro MA, Rotondi S, Morace R, Rostomyan L, Colapietro A, Arcella A, Ventura L, Angelucci A, Giangaspero F, Esposito V, Beckers A, Jaffrain-Rea ML. Expression of Peroxisome Proliferator-Activated Receptor Alpha (PPARα) in Non-Somatotroph Pituitary Tumours and the Effects of PPARα Agonists on MMQ Cells. *Horm Metab Res*. 2018 Aug;50(8):640-647. doi: 10.1055/a-0633-2706. Epub 2018 Jul 18. PubMed PMID: 30021235.
- 9: Sievers P, Stichel D, Schrimpf D, Sahm F, Koelsche C, Reuss DE, Wefers AK, Reinhardt A, Huang K, Ebrahimi A, Hou Y, Pajtler KW, Pfister SM, Hasselblatt M, Stummer W, Schick U, Hartmann C, Hagel C, Staszewski O, Reifenberger G, Beschorner R, Coras R, Keyvani K, Kohlhof P, Diomedes-Camassei F, Herold-Mende C, Giangaspero F, Rushing E, Giannini C, Korshunov A, Jones DTW, von Deimling A. FGFR1:TACC1 fusion is a frequent event in molecularly defined extraventricular neurocytoma. *Acta Neuropathol*. 2018 Aug;136(2):293-302. doi: 10.1007/s00401-018-1882-3. Epub 2018 Jul 5. PubMed PMID: 29978331.

- 10: Appay R, Fina F, Macagno N, Padovani L, Colin C, Barets D, Ordioni J, Scavarda D, Giangaspero F, Badiali M, Korshunov A, M Pfister S, T W Jones D, Figarella-Branger D. Duplications of KIAA1549 and BRAF screening by Droplet Digital PCR from formalin-fixed paraffin-embedded DNA is an accurate alternative for KIAA1549-BRAF fusion detection in pilocytic astrocytomas. *Mod Pathol*. 2018 May 25. doi: 10.1038/s41379-018-0050-6. [Epub ahead of print] PubMed PMID: 29802359.
- 11: Massimino M, Biassoni V, Miceli R, Schiavello E, Warmuth-Metz M, Modena P, Casanova M, Pecori E, Giangaspero F, Antonelli M, Buttarelli FR, Potepan P, Pollo B, Nunziata R, Spreafico F, Podda M, Anichini A, Clerici CA, Sardi I, De Cecco L, Bode U, Bach F, Gandola L. Correction to: Results of nimotuzumab and vinorelbine, radiation and re-irradiation for diffuse pontine glioma in childhood. *J Neurooncol*. 2018 May 16. doi: 10.1007/s11060-018-2893-6. [Epub ahead of print] PubMed PMID: 29767306.
- 12: Deng MY, Sill M, Chiang J, Schittenhelm J, Ebinger M, Schuhmann MU, Monoranu CM, Milde T, Wittmann A, Hartmann C, Sommer C, Paulus W, Gärtner J, Brück W, Rüdiger T, Leipold A, Jaunmuktane Z, Brandner S, Giangaspero F, Nozza P, Mora J, Morales la Madrid A, Cruz Martinez O, Hansford JR, Pietsch T, Tietze A, Hernáiz-Driever P, Stoler I, Capper D, Korshunov A, Ellison DW, von Deimling A, Pfister SM, Sahm F, Jones DTW. Molecularly defined diffuse leptomeningeal glioneuronal tumor (DLGNT) comprises two subgroups with distinct clinical and genetic features. *Acta Neuropathol*. 2018 Aug;136(2):239-253. doi: 10.1007/s00401-018-1865-4. Epub 2018 May 15. PubMed PMID: 29766299.
- 13: Mackay A, Burford A, Molinari V, Jones DTW, Izquierdo E, Brouwer-Visser J, Giangaspero F, Haberler C, Pietsch T, Jacques TS, Figarella-Branger D, Rodriguez D, Morgan PS, Raman P, Waanders AJ, Resnick AC, Massimino M, Garrè ML, Smith H, Capper D, Pfister SM, Würdinger T, Tam R, Garcia J, Thakur MD, Vassal G, Grill J, Jaspan T, Varlet P, Jones C. Molecular, Pathological, Radiological, and Immune Profiling of Non-brainstem Pediatric High-Grade Glioma from the HERBY Phase II Randomized Trial. *Cancer Cell*. 2018 May 14;33(5):829-842.e5. doi: 10.1016/j.ccell.2018.04.004. PubMed PMID: 29763623; PubMed Central PMCID: PMC5956280.
- 14: Orlando D, Miele E, De Angelis B, Guercio M, Boffa I, Sinibaldi M, Po A, Caruana I, Abballe L, Carai A, Caruso S, Camera A, Moseley A, Hagedoorn RS, Heemskerk MHM, Giangaspero F, Mastronuzzi A, Ferretti E, Locatelli F, Quintarelli C. Adoptive Immunotherapy Using PRAME-Specific T Cells in Medulloblastoma. *Cancer Res*. 2018 Jun 15;78(12):3337-3349. doi: 10.1158/0008-5472.CAN-17-3140. Epub 2018 Apr 3. PubMed PMID: 29615432.
- 15: Antonelli M, Fadda A, Loi E, Moi L, Zavattari C, Sulas P, Gentilini D, Cameli C, Bacchelli E, Badiali M, Arcella A, Morra I, Giangaspero F, Zavattari P. Integrated DNA methylation analysis identifies topographical and tumoral biomarkers in pilocytic astrocytomas. *Oncotarget*. 2018 Feb 12;9(17):13807-13821. doi: 10.18632/oncotarget.24480. eCollection 2018 Mar 2. PubMed PMID: 29568396; PubMed Central PMCID: PMC5862617.
- 16: Capper D, Jones DTW, Sill M, Hovestadt V, Schrimpf D, Sturm D, Koelsche C, Sahm F, Chavez L, Reuss DE, Kratz A, Wefers AK, Huang K, Pajtler KW, Schweizer L, Stichel D, Olar A, Engel NW, Lindenberg K, Harter PN, Braczynski AK, Plate KH, Dohmen H, Garvalov BK, Coras R, Höltsken A, Hewer E, Bewerunge-Hudler M, Schick M, Fischer R, Beschorner R, Schittenhelm J, Staszewski O, Wani K, Varlet P, Pages M, Temming P, Lohmann D, Selt F, Witt H, Milde T, Witt O, Aronica E, Giangaspero F, Rushing E, Scheurlen W, Geisenberger C, Rodriguez FJ, Becker A, Preusser M, Haberler C, Bjerkvig R, Cryan J, Farrell M, Deckert M, Hench J, Frank S, Serrano J, Kannan K, Tsirigos A, Brück W, Hofer S, Brehmer S, Seiz-Rosenhagen M, Hänggi D, Hans V, Rozsnoki S, Hansford JR, Kohlhof P, Kristensen BW, Lechner M, Lopes B,

Mawrin C, Ketter R, Kulozik A, Khatib Z, Heppner F, Koch A, Jouvet A, Keohane C, Mühleisen H, Mueller W, Pohl U, Prinz M, Benner A, Zaparka M, Gottardo NG, Driever PH, Kramm CM, Müller HL, Rutkowski S, von Hoff K, Frühwald MC, Gnekow A, Fleischhack G, Tippelt S, Calaminus G, Monoranu CM, Perry A, Jones C, Jacques TS, Radlwimmer B, Gessi M, Pietsch T, Schramm J, Schackert G, Westphal M, Reifenberger G, Wesseling P, Weller M, Collins VP, Blümcke I, Bendszus M, Debus J, Huang A, Jabado N, Northcott PA, Paulus W, Gajjar A, Robinson GW, Taylor MD, Jaunmuktane Z, Ryzhova M, Platten M, Unterberg A, Wick W, Karajannis MA, Mittelbronn M, Acker T, Hartmann C, Aldape K, Schüller U, Buslei R, Lichter P, Kool M, Herold-Mende C, Ellison DW, Hasselblatt M, Snuderl M, Brandner S, Korshunov A, von Deimling A, Pfister SM. DNA methylation-based classification of central nervous system tumours. *Nature*. 2018 Mar 22;555(7697):469-474. doi: 10.1038/nature26000. Epub 2018 Mar 14. PubMed PMID: 29539639; PubMed Central PMCID: PMC6093218.

17: Ferrucci V, de Antonellis P, Pennino FP, Asadzadeh F, Virgilio A, Montanaro D, Galeone A, Boffa I, Pisano I, Scognamiglio I, Navas L, Diana D, Pedone E, Gargiulo S, Gramanzini M, Brunetti A, Danielson L, Carotenuto M, Liguori L, Verrico A, Quaglietta L, Errico ME, Del Monaco V, D'Argenio V, Tirone F, Mastronuzzi A, Donofrio V, Giangaspero F, Picard D, Remke M, Garzia L, Daniels C, Delattre O, Swartling FJ, Weiss WA, Salvatore F, Fattorusso R, Chesler L, Taylor MD, Cinalli G, Zollo M. Metastatic group 3 medulloblastoma is driven by PRUNE1 targeting NME1-TGF- β -OTX2-SNAIL via PTEN inhibition. *Brain*. 2018 May 1;141(5):1300-1319. doi: 10.1093/brain/awy039. PubMed PMID: 29490009.

18: Catanzaro G, Besharat ZM, Miele E, Chiacchiarini M, Po A, Carai A, Marras CE, Antonelli M, Badiali M, Raso A, Mascelli S, Schimpf D, Stichel D, Tartaglia M, Capper D, von Deimling A, Giangaspero F, Mastronuzzi A, Locatelli F, Ferretti E. The miR-139-5p regulates proliferation of supratentorial paediatric low-grade gliomas by targeting the PI3K/AKT/mTORC1 signalling. *Neuropathol Appl Neurobiol*. 2018 Feb 25. doi: 10.1111/nan.12479. [Epub ahead of print] PubMed PMID: 29478280.

19: Grill J, Massimino M, Bouffet E, Azizi AA, McCowage G, Cañete A, Saran F, Le Deley MC, Varlet P, Morgan PS, Jaspan T, Jones C, Giangaspero F, Smith H, Garcia J, Eize MC, Rousseau RF, Abrey L, Hargrave D, Vassal G. Phase II, Open-Label, Randomized, Multicenter Trial (HERBY) of Bevacizumab in Pediatric Patients With Newly Diagnosed High-Grade Glioma. *J Clin Oncol*. 2018 Apr 1;36(10):951-958. doi: 10.1200/JCO.2017.76.0611. Epub 2018 Feb 7. PubMed PMID: 29412784.

20: Gessi M, Giagnacovo M, Modena P, Elefante G, Gianni F, Buttarelli FR, Arcella A, Donofrio V, Diomedei Camassei F, Nozza P, Morra I, Massimino M, Pollo B, Giangaspero F, Antonelli M. Role of Immunohistochemistry in the Identification of Supratentorial C11ORF95-RELA Fused Ependymoma in Routine Neuropathology. *Am J Surg Pathol*. 2017 Dec 20. doi: 10.1097/PAS.0000000000000979. [Epub ahead of print] PubMed PMID: 29266023.

21: Catanzaro G, Sabato C, Russo M, Rosa A, Abballe L, Besharat ZM, Po A, Miele E, Bellavia D, Chiacchiarini M, Gessi M, Peruzzi G, Napolitano M, Antonelli M, Mastronuzzi A, Giangaspero F, Locatelli F, Screpanti I, Vacca A, Ferretti E. Loss of miR-107, miR-181c and miR-29a-3p Promote Activation of Notch2 Signaling in Pediatric High-Grade Gliomas (pHGGs). *Int J Mol Sci*. 2017 Dec 17;18(12). pii: E2742. doi: 10.3390/ijms18122742. PubMed PMID: 29258209; PubMed Central PMCID: PMC5751342.

22: Gnekow AK, Walker DA, Kandels D, Picton S, Giorgio Perilongo, Grill J, Stokland T, Sandstrom PE, Warmuth-Metz M, Pietsch T, Giangaspero F, Schmidt R, Faldum A, Kilmartin D, De Paoli A, De Salvo GL; Low Grade Glioma Consortium and the participating centers. Corrigendum to "A European randomised controlled trial of the addition of etoposide to standard vincristine and carboplatin induction as part of an 18-month treatment programme for childhood (≤ 16 years) low grade glioma - A final report" [*Eur J of Canc* (2017) 206-225]. *Eur J Cancer*. 2018 Feb;90:156-157. doi: 10.1016/j.ejca.2017.11.017. Epub 2017 Dec 14. PubMed PMID:

29248309.

- 23: Galuppini F, Opocher E, Tabori U, Mammi I, Edwards M, Campbell B, Kelly J, Viel A, Quaia M, Rivieri F, D'Avella D, Arcella A, Giangaspero F, Fassan M, Gardiman MP. Concomitant IDH wild-type glioblastoma and IDH1-mutant anaplastic astrocytoma in a patient with constitutional mismatch repair deficiency syndrome. *Neuropathol Appl Neurobiol.* 2018 Feb;44(2):233-239. doi: 10.1111/nan.12450. PubMed PMID: 29130549.
- 24: Spoletini M, Taurone S, Tombolini M, Minni A, Altissimi G, Wierzbicki V, Giangaspero F, Parnigotto PP, Artico M, Bardella L, Agostinelli E, Pastore FS. Trophic and neurotrophic factors in human pituitary adenomas (Review). *Int J Oncol.* 2017 Oct;51(4):1014-1024. doi: 10.3892/ijo.2017.4120. Epub 2017 Sep 5. Review. PubMed PMID: 28902350.
- 25: Cicone F, Minniti G, Oliva MA, Carideo L, Prior JO, Scopinaro F, Giangaspero F, Arcella A. Expression of large neutral amino acid transporters LAT1 and LAT2 in medulloblastoma. *Brain Tumor Pathol.* 2017 Oct;34(4):179-181. doi: 10.1007/s10014-017-0296-6. Epub 2017 Aug 16. PubMed PMID: 28815339.
- 26: Gnekow AK, Walker DA, Kandels D, Picton S, Giorgio Perilongo, Grill J, Stokland T, Sandstrom PE, Warmuth-Metz M, Pietsch T, Giangaspero F, Schmidt R, Faldum A, Kilmartin D, De Paoli A, De Salvo GL; of the Low Grade Glioma Consortium and the participating centers. A European randomised controlled trial of the addition of etoposide to standard vincristine and carboplatin induction as part of an 18-month treatment programme for childhood (≤ 16 years) low grade glioma - A final report. *Eur J Cancer.* 2017 Aug;81:206-225. doi: 10.1016/j.ejca.2017.04.019. Epub 2017 Jun 22. Erratum in: *Eur J Cancer.* 2017 Dec 13;:. PubMed PMID: 28649001; PubMed Central PMCID: PMC5517338.
- 27: Arcella A, Oliva MA, Sanchez M, Staffieri S, Esposito V, Giangaspero F, Cantore G. Effects of hispolon on glioblastoma cell growth. *Environ Toxicol.* 2017 Sep;32(9):2113-2123. doi: 10.1002/tox.22419. Epub 2017 Jun 15. PubMed PMID: 28618133
- 28: Andreiuolo F, Le Teuff G, Bayar MA, Kilday JP, Pietsch T, von Bueren AO, Witt H, Korshunov A, Modena P, Pfister SM, Pagès M, Castel D, Giangaspero F, Chimelli L, Varlet P, Rutkowski S, Frappaz D, Massimino M, Grundy R, Grill J; SIOP Ependymoma Biology Working Group BIOMECA (BIological Markers for Ependymomas in Children and Adolescents). Integrating Tenascin-C protein expression and 1q25 copy number status in pediatric intracranial ependymoma prognostication: A new model for risk stratification. *PLoS One.* 2017 Jun 15;12(6):e0178351. doi: 10.1371/journal.pone.0178351. eCollection 2017. PubMed PMID: 28617804; PubMed Central PMCID: PMC5472261.
- 29: Zanelli M, Ragazzi M, Marchetti G, Bisagni A, Principi M, Fanni D, Froio E, Serra S, Zanetti E, De Marco L, Giangaspero F, Ascani S. Primary histiocytic sarcoma presenting as diffuse leptomeningeal disease: Case description and review of the literature. *Neuropathology.* 2017 Dec;37(6):517-525. doi: 10.1111/neup.12390. Epub 2017 May 26. Review. PubMed PMID: 28548244.
- 30: Bellissimo T, Ganci F, Gallo E, Sacconi A, Tito C, De Angelis L, Pulito C, Masciarelli S, Diso D, Anile M, Petrozza V, Giangaspero F, Pescarmona E, Facciolo F, Venuta F, Marino M, Blandino G, Fazi F. Thymic Epithelial Tumors phenotype relies on miR-145-5p epigenetic regulation. *Mol Cancer.* 2017 May 10;16(1):88. doi: 10.1186/s12943-017-0655-2. PubMed PMID: 28486946; PubMed Central PMCID: PMC5424390.
- 31: Po A, Begalli F, Abballe L, Alfano V, Besharat ZM, Catanzaro G, Vacca A, Napolitano M, Tafani M, Giangaspero F, Locatelli F, Ferretti E, Miele E. β -Arrestin1/miR-326 Transcription Unit Is Epigenetically Regulated in Neural Stem Cells Where It Controls Stemness and Growth Arrest. *Stem Cells Int.* 2017;2017:5274171. doi: 10.1155/2017/5274171. Epub 2017 Feb 12. PubMed PMID:

28298929; PubMed Central PMCID: PMC5337365.

- 32: Coli A, Novello M, Tamburrini G, Antonelli M, Giangaspero F, Lauriola L. Intracranial neuromuscular choristoma: Report of a case with literature review. *Neuropathology*. 2017 Aug;37(4):341-345. doi: 10.1111/neup.12368. Epub 2017 Feb 6. Review. PubMed PMID: 28168739.
- 33: Mynarek M, Pizer B, Dufour C, van Vuurden D, Garami M, Massimino M, Fangusaro J, Davidson T, Gil-da-Costa MJ, Sterba J, Benesch M, Gerber N, Juhnke BO, Kwiecien R, Pietsch T, Kool M, Clifford S, Ellison DW, Giangaspero F, Wesseling P, Gilles F, Gottardo N, Finlay JL, Rutkowski S, von Hoff K. Evaluation of age-dependent treatment strategies for children and young adults with pineoblastoma: analysis of pooled European Society for Paediatric Oncology (SIOP-E) and US Head Start data. *Neuro Oncol*. 2017 Apr 1;19(4):576-585. doi: 10.1093/neuonc/now234. PubMed PMID: 28011926; PubMed Central PMCID: PMC5464312.
- 34: Pajtler KW, Mack SC, Ramaswamy V, Smith CA, Witt H, Smith A, Hansford JR, von Hoff K, Wright KD, Hwang E, Frappaz D, Kanemura Y, Massimino M, Faure-Conter C, Modena P, Tabori U, Warren KE, Holland EC, Ichimura K, Giangaspero F, Castel D, von Deimling A, Kool M, Dirks PB, Grundy RG, Foreman NK, Gajjar A, Korshunov A, Finlay J, Gilbertson RJ, Ellison DW, Aldape KD, Merchant TE, Bouffet E, Pfister SM, Taylor MD. The current consensus on the clinical management of intracranial ependymoma and its distinct molecular variants. *Acta Neuropathol*. 2017 Jan;133(1):5-12. doi: 10.1007/s00401-016-1643-0. Epub 2016 Nov 17. PubMed PMID: 27858204; PubMed Central PMCID: PMC5209402.
- 35: Ciasca G, Sassun TE, Minelli E, Antonelli M, Papi M, Santoro A, Giangaspero F, Delfini R, De Spirito M. Nano-mechanical signature of brain tumours. *Nanoscale*. 2016 Dec 1;8(47):19629-19643. PubMed PMID: 27853793.
- 36: Pellerino A, Rudà R, Bertero L, Magistrello M, Franchino F, Cassoni P, Pasqualetti F, Pinessi L, Giangaspero F, Soffietti R. Successful use of bevacizumab in an adult primary diffuse leptomeningeal glioneuronal tumor. *J Neurosurg Sci*. 2018 Apr;62(2):229-232. doi: 10.23736/S0390-5616.16.03804-2. Epub 2016 Sep 27. PubMed PMID: 27676284.
- 37: Antonelli M, Raso A, Mascelli S, Gessi M, Nozza P, Coli A, Gardiman MP, Arcella A, Massimino M, Buttarelli FR, Giangaspero F. SMARCB1/INI1 Involvement in Pediatric Chordoma: A Mutational and Immunohistochemical Analysis. *Am J Surg Pathol*. 2017 Jan;41(1):56-61. PubMed PMID: 27635948.
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