

## PUBLICATIONS

<https://scholar.google.com/citations?user=70cz3rUAAAAJ&hl=en>

<https://pubmed.ncbi.nlm.nih.gov/?term=scagnet%20m>

**1. MYB-QKI rearrangements in angiocentric glioma drive tumorigenicity through a tripartite mechanism.**

Bandopadhyay P, Ramkissoon LA, Jain P, Bergthold G, Wala J, Zeid R, Schumacher SE, Urbanski L, O'Rourke R, Gibson WJ, Pelton K, Ramkissoon SH, Han HJ, Zhu Y, Choudhari N, Silva A, Boucher K, Henn RE, Kang YJ, Knoff D, Paoletta BR, Gladden-Young A, Varlet P, Pages M, Horowitz PM, Federation A, Malkin H, Tracy AA, Seepo S, Ducar M, Van Hummelen P, Santi M, Buccoliero AM, **Scagnet M**, Bowers DC, Giannini C, Puget S, Hawkins C, Tabori U, Klekner A, Bognar L, Burger PC, Eberhart C, Rodriguez FJ, Hill DA, Mueller S, Haas-Kogan DA, Phillips JJ, Santagata S, Stiles CD, Bradner JE, Jabado N, Goren A, Grill J, Ligon AH, Goumnerova L, Waanders AJ, Storm PB, Kieran MW, Ligon KL, Beroukhi R, Resnick AC.

*Nat Genet.* 2016 Mar;48(3):273-82. doi: 10.1038/ng.3500. Epub 2016 Feb 1.

**2. Subependymal giant cell astrocytoma: a lesion with activated mTOR pathway and constant expression of glutamine synthetase.**

Buccoliero AM, Caporalini C, Giordano F, Mussa F, **Scagnet M**, Moscardi S, Baroni G, Genitori L, Taddei GL.

*Clin Neuropathol.* 2016 Sep-Oct;35(5):295-301. doi: 10.5414/NP300936.

**3. A Diagnostic Pitfall: Atypical Teratoid Rhabdoid tumor versus dedifferentiated/poorly differentiated chordoma: analysis of a mono-institutional series.**

Buccoliero AM, Caporalini C, **Scagnet M**, Baroni G, Moscardi S, Mussa F, Giordano F and Genitori L.

*Appl Immunohistochem Mol Morphol.* 2019; Feb; 27(2):147-154

**4. Endoscopic endonasal skull base surgery in pediatric patients. A single center experience.**

Giovannetti F, Mussa F, Priore P, **Scagnet M**, Arcovio E, Valentini V, Genitori L.

*J Craniomaxillofac Surg.* 2018 Dec;46(12):2017-2021. doi: 10.1016/j.jcms.2018.09.013. Epub 2018 Sep 24.

**5. Surgery of complex craniofacial defects: A single-step AM-based methodology.**

Volpe Y, Furferi R, Governi L, Uccheddu F, Carfagni M, Mussa F, **Scagnet M**, Genitori L.

*Comput Methods Programs Biomed.* 2018 Oct;165:225-233. doi: 10.1016/j.cmpb.2018.09.002. Epub 2018 Sep 5.

6. **Surgical Treatment of Central Nervous System Malformations.**

**Mirko Scagnet**, Federico Mussa, Flavio Giordano, Regina Mura, Elena Arcovio, Manuela Grandoni (et. al) and Lorenzo Genitori. *Neonatal Surgery* pp 615-65. 2019.

7. **Current Practice in Preoperative Virtual and Physical Simulation in Neurosurgery.**

Mussi E, Mussa F, Santarelli C, **Scagnet M**, Uccheddu F, Furferi R, Volpe Y, Genitori L. *Bioengineering (Basel)*. 2020 Jan 3;7(1). pii: E7. doi: 10.3390/bioengineering7010007.

8. **Integrated proteogenomic characterization across major histological types of paediatric brain cancer.**

Petralia F, Tignor N, reva B, **Scagnet M** (et al.) Children's Brain Tumor Network; Clinical Proteomic Tumor Analysis Consortium. *Cell*. 2020 Dec 23;183(7):1962-1985.e31. doi: 10.1016/j.Cell.2020.10.044. Epub 2020 Nov 25.

9. **Chiari 1 malformation and exome sequencing in 51 trios: the emerging role of rare missense variants in chromatin-remodeling genes**

Provenzano A, la barbera A, **Scagnet M** ( et al.) *Human Genetics* (2021) 140:625-647

10. **Proton therapy: A therapeutic opportunity for aggressive pediatric meningioma.**

Rombi B, Ruggi A, Sardi I, Zucchelli M, **Scagnet M**, Toni F, Cammelli S, Giulietti G, Fabbri Gianni F, Amichetti M, Yock TI, Morganti AG, Pession A, Melchionda F.

*Pediatr Blood Cancer*. 2021 May;68(5):e28919. Epub 2021 Mar 7.

11. **Angiocentric glioma-associated seizures: The possible role of EATT2, pyruvate carboxylase and glutamine synthetase.**

Buccoliero AM, Caporalini C, **Scagnet M**, Mussa F, Giordano F, Sardi I, Migliastro I, Moscardi S, Conti V, Barba C, Antonelli M, Gianni F, Rossi S, Diomedi-Camassei F, Gessi M, Donofrio V, Bertero L, Giangaspero F, Santi M, Aronica E, Genitori L, Guerrini R. *Seizure*. 2021 Mar;86:152-154. doi: 10.1016/j.seizure.2021.02.014. Epub 2021 Feb 16.

12. **Dysembryoplastic neuroepithelial tumors: A single-institutional series with special reference to glutamine synthetase expression.**

Caporalini C, **Scagnet M**, Moscardi S, Di Stefano G, Baroni G, Giordano F, Mussa F, Barba C, Sardi I, Genitori L, Buccoliero AM. *Ann Diagn Pathol*. 2021 Jun 24;54:151774. doi: 10.1016/j.anndiagpath.2021.151774. Online ahead of print. PMID: 34182416

**13. Primary Intracerebral Alveolar Soft Part Sarcoma: Report of a Case and Review of the Literature.**

Caporalini C, Giordano F, Moscardi S, Di Stefano G, Lenge M, Di Giacomo G, Basile M, Zin A, Mura R, **Scagnet M**, Alaggio R, Sardi I, Genitori L, Buccoliero AM. Int J Surg Pathol. 2021 Jun 18:10668969211027293. doi: 10.1177/10668969211027293. Online ahead of print. PMID: 34142883

**14. Management of orbital and brain complications of sinusitis: A practical algorithm**

Ingrid Raponi, Filippo Giovannetti, Matteo Buracchi , Paolo Priore ' Andrea Battisti , **Mirko Scagnet**, Lorenzo Genitori, Valentino Valentini. Journal of Cranio-Maxillo-Facial Surgery. In Press

**15. Endoscopic sinus and skullbase surgery in pediatric patients during the COVID-19 pandemic**

Filippo Giovannetti, Paolo Priore, **Mirko Scagnet**, Federico Mussa, Ingrid Raponi, Valentino Valentini & Lorenzo Genitori. British Journal of Neurosurgery: 0268-8697 (Print) 1360-046X (Online) Journal homepage: <https://www.tandfonline.com/loi/ibjn20>