

Curriculum vitae

Personal Information

First and last name: Theoni Maragkou
URL: <https://www.igmp.unibe.ch>
Date of birth: 14.10.1991
Place of birth: Patra, Greece
Nationality: Greek
Marital status: Single

Education

2023: Dr. med. (M.D.), Institute of Tissue Medicine and Pathology, University of Bern, Switzerland (Prof. Dr. pharm. Erik Vassella, Prof. Dr. med. Ekkehard Hewer)
2009-2015: Studies of Human Medicine (in English), University of Medicine and Pharmacy (UMF) Carol Davila, Bucharest, Romania
2003-2009: Sotirchopoulos School, Private General Lyceum (Gymnasium), Patra, Greece (Matura/Abitur)

Employment

Since 2022: Consultant Neuropathologist, Head of Neuropathology, Institute of Tissue Medicine and Pathology, University of Bern, Switzerland (Prof. Dr. med. Aurel Perren)
2022: Specialist/Board certified Neuropathologist, Institute of Tissue Medicine and Pathology, University of Bern, Switzerland (Prof. Dr. med. Aurel Perren)
2021-2022: Research Fellow in Experimental Pathology, Institute of Tissue Medicine and Pathology, University of Bern, Switzerland (Prof. Dr. pharm. Erik Vassella)
2019-2021: Resident in Pathology and Neuropathology, Institute of Tissue Medicine and Pathology, University of Bern, Switzerland (Prof. Dr. med. Aurel Perren, Prof. Dr. med. Ekkehard Hewer)
2016-2019: Resident in Neuropathology, Institute of Neuropathology, University Medical Center Göttingen, Germany (Prof. Dr. med. Wolfgang Brück, Prof. Dr. med. Christine Stadelmann-Nessler)

Awards

2018: Poster prize for “Pathology of anti-MOG antibody-associated demyelination”, Congress of the European Committee for Treatment and Research in Multiple Sclerosis (ECTRIMS), Berlin, Germany

External Funding

- Krebsliga Bern (Principal Investigator): “Clinical, pathological and molecular characterization of adult medulloblastomas for targeted therapy: a multicenter cohort study including primary and relapse cases”; 67'500 CHF (2021-2023)
- Stiftung für klinisch-experimentelle Tumorforschung (Principal Investigator): “Clinical, pathological and molecular characterization of adult medulloblastomas for targeted therapy: a multicenter cohort study including primary and relapse cases”; 32'500 CHF (2021-2023)

Teaching and Supervision Activities

- Lectures, courses and autopsy demos in Neuropathology, Faculty of Medicine, University of Bern, Switzerland
- Lectures in Molecular Pathology, Faculty of Science, University of Bern, Switzerland
- Co-responsible for education of medical residents, Institute of Tissue Medicine and Pathology, University of Bern, Switzerland
- Co-supervisor of PhD student, Institute of Tissue Medicine and Pathology, University of Bern, Switzerland (Romain Alexandre Gros)
- Co-supervisor of doctoral student (Dr. med.), Institute of Tissue Medicine and Pathology, University of Bern, Switzerland (Leonard Alexander Felger)
- Co-supervisor of master students (M. med.), Institute of Tissue Medicine and Pathology, University of Bern, Switzerland (Catarina Bieler, Luca Stefan Rickli)

Memberships and Associations

- Steering Committee of the Young Clinical Neuroscientists (YouClin) Network (SFCNS)
- Swiss Society of Neuropathology (SSNPath)
- German Society of Neuropathology and Neuroanatomy (DGNN)
- European Confederation of Neuropathological Societies (Euro-CNS)

5 key publications

- **Maragkou T**, Reinhard S, Jungo P, Pasquier B, Neuenschwander M, Schucht P, Vassella E, Hewer E. Evaluation of MTAP and p16 immunohistochemical deficiency as surrogate marker for *CDKN2A/B* homozygous deletion in gliomas. Accepted for publication in *Pathology*.
- **Maragkou T**, Quint K, Pollo B, Hewer E (2022). Intraoperative confocal laser endomicroscopy for brain tumors - potential and challenges from a neuropathological perspective. *Free Neuropathology*, 3, 24. <https://doi.org/10.17879/freeneuropathology-2022-4369>.
- Romain G, Rodrigues-Nunez O, Felger L, Moriconi S, McKinley R, Pierangelo A, Novikova T, Vassella E, Schucht P, Hewer E*, **Maragkou T***. Effects of formalin fixation on polarimetric properties of brain tissue: fresh or fixed? Submitted in *Neurophotonics*; shared last authorship.
- Kashani E, Schnidrig D, Gheinani A H, Ninck M S, Zens P, **Maragkou T**, Baumgartner U, Schucht P, Rättsch G, Rubin M A, Berezowska S, Ng C K Y, Vassella E, SOCIBP consortium. Integrated longitudinal analysis of adult grade 4 diffuse gliomas with long-term relapse interval revealed upregulation of TGF- β signaling in recurrent tumors. *Neuro-Oncology*, 2022; noac220. doi.org/10.1093/neuonc/noac220.
- Weng G, Ermis E, **Maragkou T**, Krcek R, Reinhardt P, Schucht P, Wiest R, Maudsley A A, Slotboom J, Radojewski P. Accurate prediction of IDH-mutation status of gliomas using SLOW-editing MRSI at 7 Tesla. Accepted for publication in *Neuro-Oncology Advances*.