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GENERAL INFORMATION

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ACADEMIC EDUCATION & QUALIFICATION

Year(s)	Education
2021–2023	Master of Biomedical engineering–EUR Light science and technology, Bio-photonic, and Neurotechnology, The University of Bordeaux, Bordeaux, France.
2012-2014	Master of Information Technology Engineering, The University of Guilan, Rasht, Iran.

SCIENTIFIC EDUCATION & QUALIFICATION

Year(s)	Education
2024- present	**Doctoral Researcher,** Department of Neurology, University Hospital Heidelberg.
2023	**Master Thesis**, Institute Curie, Paris, France. *Study of cell fate switch induced by ectopic Notch1 activation in mouse mammary epithelial cells.*
2014	**Master Thesis**, University of Guilan, Rasht, Iran. *Clustering Metric Optimization for Data Aggregation and Information Dissemination in VANETs.*

PROFESSIONAL EXPERIENCE

Year(s)	Education
2022	**M1 Internship**, Interdisciplinary Institute for Neuroscience (IINS), Bordeaux, France. *Two-photon Shadow Imaging in Acute Brain Slices.*

SELECTED PUBLICATIONS

1. Yulia Dembitskaya[#], Andrew K. J. Boyce[#], Agata Idziak[#], Atefeh Pourkhalili Langeroudi[#], Guillaume Le Bourdellès, Jordan Girard, Misa Arizono, Mathieu Ducros, Marie Sato-Fitoussi, Amaia Ochoa de Amezaga, Kristell Oizel, Stephane Bancelin, Luc Mercier, Thomas Pfeiffer, Roger J. Thompson, Sun Kwang Kim, Andreas Bikfalvi, U. Valentin Nägerl. *Shadow imaging for panoptical visualization of brain tissue in vivo*, Nature Communications.
2. Candice Merle, Calvin Rodrigues, Atefeh Pourkhalili Langeroudi, Robin Journot, Fabian Rost, Yiteng Dang, Steffen Rulands, Silvia Fre. *Transcriptional landscapes underlying Notch-induced lineage conversion and plasticity of mammary basal cells*, BioRxiv.
3. Hamid Reza Arkian, Abolfazl Diyanat, Atefeh Pourkhalili Langeroudi, Reza Ebrahimi Atani. *A cluster-based vehicular cloud architecture with learning-based resource management*, The Journal of Supercomputing.

[#] Equal contribution