

MARINA VIDAKI, Ph.D.

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<i>Google Scholar</i>	https://scholar.google.com/citations?user=Dim-FS8AAAAJ&hl=en

CURRENT POSITIONUniversity of Crete, Faculty of Medicine, Division of Basic Sciences, Heraklion, Greece**2020-current: Assistant Professor of Cellular-Molecular Biology, Principal Investigator***Research Direction:* Cellular/Molecular Neuroscience, Mechanisms of Axon Development and Regeneration

RESEARCH: The main goal of my research is to understand how neuronal connectivity in the nervous system (NS) is established and repaired. To this end, my lab studies axon development and regeneration, as well as synaptogenesis, focusing on mechanisms that regulate local mRNA translation

TEACHING:

- Undergraduate Biology course, School of Medicine (course coordinator-excellent student evaluations)
- Undergraduate Biology course, School of Medicine, International Program, (course coordinator)
- Postgraduate program of Neurosciences, School of Medicine (vice director and course coordinator)
- Postgraduate program of Molecular Biology-Biomedicine, Dept of Biology and School of Medicine (vice director)

RESEARCH POSITIONSHelsinki Institute of Life Science (HiLIFE), Helsinki, Finland**2019: Group Leader/Assistant Professor level (elected)**Massachusetts Institute of Technology (MIT), Cambridge, USA**2015-2019: Research Scientist**

Role of cytoskeleton-associated proteins in mRNA biology and localized protein synthesis during neuronal development (Laboratory of Prof. F. Gertler)

2010-2015: Postdoctoral Associate

Cellular and Molecular mechanisms of axon guidance and neuronal development. (Laboratory of Prof. F. Gertler)

Career Breaks

08/2016-11/2016: Maternity leave

11/2014-02/2015: Maternity leave

EDUCATIONUniversity of Crete, Heraklion, Crete, Greece**2005-2010: PhD in Developmental Neuroscience**, Faculty of Medicine**2003-2005: MSc in Molecular Biology & Biomedicine**, Department of Biology & Faculty of Medicine**1999-2003: BSc in Biology**, Department of Biology**PUBLICATIONS**<https://pubmed.ncbi.nlm.nih.gov/?term=vidaki+m>**INVITED TALKS**

- 2025:** 5th International Advanced Course & Symposium on Artificial Intelligence & Neuroscience - ACAIN, Tuscany, Italy
- 2024:** FENS Brain Conferences, Rungstedgaard, Denmark
- 2024:** EMBO Conference, Cell Biology of the Neuron, Fodele, Crete, Greece
- 2023:** Fondation Sante Grantees Symposium, Athens, Greece
- 2023:** 3rd International Conference on Cognitive and Behavioral Neuroscience, Barcelona, Spain
- 2023:** Cretan RNA Salon, IMBB-FORTH, Heraklion, Greece
- 2022:** IMBB-University of Crete Joint Seminar Series, Heraklion, Greece
- 2021:** FENS Brain Conferences, Rungstedgaard, Denmark
- 2019:** National Meeting of the Hellenic Society for Neuroscience, Heraklion, Greece
- 2018:** Centre for Psychiatry and Neuroscience (CPN), Université Paris Descartes, Paris, France
- 2018:** Hertie Institute for Clinical Brain Research, University of Tübingen, Tübingen, Germany
- 2018:** European Molecular Biology Laboratory (EMBL), Rome, Italy
- 2017:** American Society for Cell Biology, ASCB/EMBO Meeting, Philadelphia, PA, USA
- 2017:** Neuroscience Center (HiLife), University of Helsinki, Helsinki, Finland
- 2016:** The D. Koch Institute for Integrative Cancer Research at MIT, Cambridge, MA, USA
- 2016:** Institute of Molecular Biology and Biotechnology-FORTH, Heraklion, Greece
- 2013:** International Society for Neurochemistry Meeting, Chania, Greece
- 2013:** The Picower Institute Brain Lectures, MIT, Cambridge, MA, USA
- 2008:** National Meeting of the Hellenic Society for Neuroscience, Athens, Greece

PATENTS

U.S. Pat. Ser. No. 1515028 109US0: Vidaki M and Gertler FB, "Methods of modulating protein expression from the Mena-ribonucleoprotein complex in cells"

VISITING RESEARCHER

- 2019:** Visiting Researcher at the Laboratory of Prof C. Burge, Biology Department, Massachusetts Institute of Technology, Cambridge, USA

- 2008:** Visiting EMBO Fellow at the Laboratory of Dr. N. Kessaris, Wolfson Institute for Biomedical Research, University College London, UK
- 2007:** Visiting student at the Laboratory of Dr. N. Kessaris, Wolfson Institute for Biomedical Research, University College London, UK
- 2005:** Visiting trainee at the Laboratory of Prof. O. Marin, Instituto de Neurociencias de Alicante, Alicante, Spain

FUNDING

Independent Research Funding

- **2024-2025:** University of Crete, Special Account for Research Funds
- **2023-2025:** Hellenic Foundation of Research and Innovation (ΕΛΙΔΕΚ)
- **2021-2023:** Hellenic Foundation of Research and Innovation (ΕΛΙΔΕΚ) [Theodoros Papazoglou]
- **2021-2023:** Fondation Sante
- **2018-2021:** Hellenic Foundation of Research and Innovation (ΕΛΙΔΕΚ)

ADMINISTRATIVE ACTIVITIES-SERVICES

Member of Committees & Organizations

- Hellenic Society for Neuroscience (HSfN)
- Federation of European Neuroscience Societies (FENS)
- American Society for Cell Biology (ASCB)
- ALBA Network in Brain Sciences
- International Brain Research Organization (IBRO)

Ad Hoc Reviewer in Scientific Journals

Nature, Nature Cell Biology, Neuron, Cell Reports, Journal of Neuroscience, European Journal of Neuroscience, Frontiers in Neurology, Frontiers in Molecular Neuroscience, Developmental Neuroscience, Journal of Cell Biology, Journal of Cell Science

Editorial Services

Frontiers in Neurology

Evaluation Committees/Funding Review Panels

European Research Council, Reviewer/Expert (ERC 2022 AdG)

Committees at the University of Crete

- International Undergraduate Program Committee, School of Medicine (member)
- Research and Research Infrastructure Committee, School of Medicine (member)
- Internal Evaluation Committee, School of Medicine (member, curriculum coordinator)
- Network and Website Committee, School of Medicine (member)
- Building Infrastructure and Surrounding Environment Committee, School of Medicine (member)