

BIOGRAPHICAL SKETCH

NAME: **Deli, Maria A.**

POSITION TITLE: **Research Professor**

EDUCATION/TRAINING



University of Szeged, Hungary	M.D.	09/1988	Medicine
University of Szeged, Hungary	Ph.D.	06/1996	Experimental Medicine
Nagasaki University, Japan	Postdoc	1998-2001	Pharmacology
University of Szeged, Hungary	Habilitation	11/2013	Pharmaceutical Sciences

A. Contribution to Science

Prof. Deli is the head of the Biological Barriers Research Group at BRC in Szeged. She has been actively working in the field of biological barriers for over 30 years. She pioneered novel complex culture models for the blood-brain barrier and different epithelial barriers to investigate cellular interactions in physiological and pathological conditions, explore protective molecules and examine drug and nanoparticle permeability. Her research interests include culture models of the blood-brain, respiratory, intestinal and cornea barriers; barrier models in microfluidic and microelectronic chip devices; organ-on-chip models; protection of biological barriers; effect of natural products on biological barriers; targeted nanoparticles for drug delivery across biological barriers; cell interactions with new nanomaterials; cellular glycocalyx interaction with nanoparticles. Supervised 10 BSc, 17 MSc and 11 PhD dissertations. Principal investigator/consortium partner in 22 national and international grants. Scientific publications: 195, patents 4, citations: > 10000, H-index: 52 (Google Scholar).

B. Positions and Honors

Positions and Employment

2022 – present	Research Professor and group leader, Institute of Biophysics, Biological Research Centre, Szeged, Hungary
2013 – 2022	Scientific advisor and group leader, Institute of Biophysics, Biological Research Centre, Szeged, Hungary
2001 – 2013	Senior research scientist and research team leader, Institute of Biophysics, Biological Research Centre, Szeged, Hungary
1998 – 2001	JSPS postdoctoral fellow, Department of Pharmacology, Medical School, Nagasaki University, Japan (Prof. Masami Niwa)

Other Experience and Professional Memberships

2021-	Frontiers in CNS Drug Delivery, section editor
2019-	Frontiers in Medical Technology, associate editor
2019-	Tissue Barriers, editorial board member
2014-2018	Journal of Alzheimer's Disease, editorial board member
2014-	Fluids and Barriers of CNS, editorial board member
2013	16 th Symposium on Signal Transduction in the Blood-Brain Barriers, Szeged, Hungary, organizer
2012-	PeerJ, editorial board member
2011-	European Journal of Microbiology and Immunology, editorial board member
2009-	PLoS One, academic editor
2003	6 th Symposium on Signal Transduction in the Blood-Brain Barriers, Szeged, Hungary, organizer

Honors

2022	Member of the Hungarian Academy of Sciences
2022	Member of the Academia Europaea
2022	Lajos Keszthelyi plaque for scientific achievement, Institute of Biophysics, BRC
2016	Honorary professor, University of Szeged
2014	Straub plaque for scientific achievement, Biological Research Centre
2012, 2013	Dr. Tibor Farkas awards for mentoring PhD students, University of Szeged
2010, 2019	Dr. Lajos Ferenczy award for mentoring graduate students, University of Szeged
2001-2004	János Bolyai Research Fellowship, Hungarian Academy of Sciences
2001	Distinguished research award, TEVA Pharmaceutical Inc.
1999	Kisfaludy award, Richter Gedeon Pharmaceutical Ltd.
1997	Young Investigator Award, Hungarian Academy of Sciences

Complete List of Published Work:

https://scholar.google.com/citations?user=ha_i4vIAAAJ&hl=hu&oi=ao