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Nada Zecevic, M.D., Ph.D.

Professor, Neuroscience

Academic Office Location:
Neuroscience
UConn Health
263 Farmington Avenue
Farmington, CT 06030-3401

Phone: 860-679-1768

Fax: 860-679-8766

Website(s): Neuroscience Graduate Program

- Education & Training
- Committees & Organizations
- Research
- Lab Rotations
- Publications

Education

Degree	Institution	Major
M.D.	University of Belgrade, Medical School	Medicine
M.Sc.	University of Belgrade	Neuroscience
Ph.D.	University of Belgrade, Medical School	Developmental Neurobiology

Post-Graduate Training

Training	Institution	Specialty
Fellowship	University of Zurich	Fellowship for Visiting Scientist, Pharmacology Dept.

Training	Institution	Specialty
Fellowship	Harvard Medical School	Dept. Neuroanatomy and Neuropathology
Fellowship	The Johns Hopkins University	Dept. Anatomy
Residency	Medical School University of Belgrade	Dept.Neurology, Clinic of Neurology
Fellowship	INSERM U106	Fellowship for Visiting Scientist
Fellowship	WUS, Republic of Austria	Fellowship the Brain Gain Program (BGP) to teach an undergraduate college course in Belgrade, Serbia with a series of lectures on Brain and Microglia development.

Awards

Name of Award/Honor	Awarding Organization
Stem Cell Initiative grant award.	
grant awards	NIH and Society for MS
Deans honor, 1967, 1969, 1970	Medical School of Belgrade

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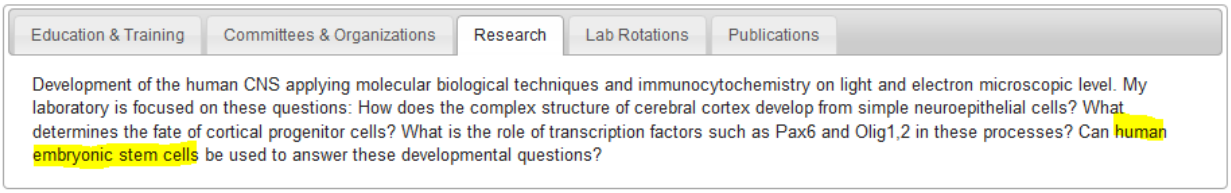

Research (from above):

“Development of the human CNS applying molecular biological techniques and immunocytochemistry on light and electron microscopic level. My laboratory is focused on these questions: How does the complex structure of cerebral cortex develop from simple neuroepithelial cells? What determines the fate of cortical progenitor cells? What is the role of transcription factors such as Pax6 and Olig1,2 in these processes? Can human embryonic stem cells be used to answer these developmental questions?”

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Not accepting lab rotation students at this time

Lab Rotation Projects

Students who wish to formulate their own novel questions about brain development are welcome. In addition the following projects are available:

#1 – The role of radial glia (RG) as progenitor cells in development of the cerebral cortex in human. Although the role of RG in animal models has been studied, their role in human brain development is not well understood and might be more complex than believed before. This project will involve working with fetal human brain tissue, making transcripts that can label RG and follow RG differentiation after 5 days in culture. Student would have to learn molecular biology, and tissue culture techniques (cell and slice preparation), immunohistochemistry and the use of fluorescent and confocal microscope.

#2 – Studying the effect of alcohol on human slice culture. Methods that will be learned: human fetal brain anatomy, dissociated and organotypic slice cultures, BrdU assay, quantification of cell number, immunocytochemistry.

Lab Rotations (from above):

"**Not accepting lab rotation students at this time**

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