

## INTRODUCING A NEW MEMBER OF THE EDITORIAL BOARD



### **Professor Nives Pećina-Šlaus, BS, PhD**

Croatian Institute of Brain Research Laboratory of Neuro-Oncology  
Neuro-Oncology Department of Biology, School of Medicine  
University of Zagreb, Šalata 3, HR-10000 Zagreb, Croatia

**Date and place of birth:** September 29, 1966, Zagreb

#### **Education**

- 1985-1990 Study of Molecular Biology at School of Science, University of Zagreb.  
1990-1992 Postgraduate study in Molecular and Cell Biology at School of Science, University of Zagreb.  
1992 Master of Science at School of Science, University of Zagreb.  
1998 PhD on a topic in molecular medicine, at School of Medicine, University of Zagreb.

#### **Training**

- 1990 Grant from Cold Spring Harbor Laboratory, Long Island, New York, USA.  
1991 Study visit to Georgetown University, Washington, USA.  
1993 Laboratory training at Department of Molecular Medicine, Rudjer Bošković Institute, Zagreb.

#### **Working experience**

1990 Junior Researcher – Department of Molecular Medicine, Rudjer Bošković Institute, Zagreb; 1993 Assistant – Rudjer Bošković Institute, Zagreb; 1994 Assistant – Department of Biology, School of Medicine, University of Zagreb, Zagreb; 1998 Senior Assistant – Department of Biology, School of Medicine, University of Zagreb, Zagreb; 2002 Assistant Professor – Department of Biology, School of Medicine, University of Zagreb, Zagreb; 2003 research team member – Croatian Institute of Brain Research, Zagreb; 2004 Head, Laboratory of Neuro-Oncology, Croatian Institute of Brain Research, Department of Biology, School of Medicine, University of Zagreb, Zagreb; 2005 Scientific Adviser; 2007 Associate Professor – Department of Biology, School of Medicine, University of Zagreb, Zagreb.

#### **Projects**

1997-2002 supported project “The role of APC gene in human tumorigenesis and embryogenesis”

(108 509; principal investigator); 2002–2005 project of the Ministry of Science and Technology, Republic of Croatia, entitled “The role of wnt signal pathway gene in human neoplasms” (0108 215; principal investigator); 2004 a project as part of the large collaborative project entitled “Development of brain plasticity and brain recovery following perinatal lesion”, in a subgroup specifically aiming at detection of molecular mechanisms, approved by the Ministry of Science, Education and Sports, Republic of Croatia; 2007 to the present: project of the Ministry of Science, Education and Sports, Republic of Croatia, entitled “The role of wnt signal pathway gene in brain tumorigenesis and embryogenesis” (108-1081870-1905).

#### Educational activities

Undergraduate lectures in the course of Medical Biology for medical and dental medicine students, including lectures held at the studies in English, and postgraduate lectures in the Scientific Postgraduate Study on Biomedicine and Healthcare: PCR – polymerase chain reaction; 2005 head of the postgraduate course “Genetic basis of brain tumors”; Neuroscience study at University of Zagreb.

Supervisor to 12 defended theses, 2 doctoral dissertations, 3 MS theses, 3 graduation theses and 4 student papers granted Rector’s Award. Published a number of educational papers, including the book by Nives Pećina-Šlaus *et al.* “Selected methods of molecular biology – laboratory handbook”, Medicinska

naklada, Zagreb, 2009, and 3 chapters in scientific monographs abroad.

#### Fields of interest

Genetics of carcinoma, pathway of wnt signal transduction, tumorigenesis, suppressor genes, oncogenes, genetic basis of brain tumors in humans, RNA splicing, oligonucleotide synthesis, methods of molecular biology (PCR, DNA and RNA isolation, Western blot, immunohistochemistry, RFLP, electrophoresis, PAGE, heteroduplex analysis).

The studies in which she took part resulted in 36 scientific papers published in journals with international reviewing; participated in 37 international scientific meetings, in 3 with invited lectures; 128 citations.

In 2000, received Borislav Nakić Award for the best scientific paper by the Academy of Medical Sciences of Croatia and the Croatian Medical Association Award for young CMA members in the field of basic medical sciences; member of the Croatian Biological Society, Croatian Society of Cancer Research, European Society of Cancer Research, Croatian Medical Association and Croatian Society of Neuroscience; reviewer for the Ministry of Science, Education and Sports, Slovene Science Agency, and a number of international journals. In 2009, became a managing editor of the journal *Frontiers in Bioscience*.

Proficient in English, German and French languages.

Married and blessed with two children.