

Curriculum Vitae.

Prof. RNDr. Ľubica LACINOVÁ, DrSc

Academician of the Learned Society of Slovakia

Web of Science ResearcherID A-9645-2014

Year and place of birth: 1959, Bratislava

Educational and professional history:

- 2018 professor of physics
- 2017 member of Presidium of Slovak Academy of Sciences
- 2017 assistant professor at Faculty of Natural Sciences, University of SS. Cyril and Methodius
- 2013 visiting professor at Institute of Physiology, Medical School, Masaryk University, Brno, Czech republic
- 2011 habilitation in physics
- 2003-2011 multiple stays at Institute for Experimental and Clinical Pharmacology and Toxicology, Albert-Ludwigs University, Freiburg, Germany
- 2008 elected member of the Learned Society of Slovak Academy of Sciences
- 2008 visiting professor at the Institute of Pharmacology and Toxicology Universität Wien
- 2002-2007 multiple stays at the Institute for Pharmacology and Toxicology Technical University of München, München, Germany
- 2004 D.Sc (research professor) in animal physiology. Thesis: Voltage dependent calcium channels.
- 2003-present Leading Research Associate, Institute of Molecular Physiology and Genetics, Slovak Academy of Sciences
- 2002-2003 Independent Research Associate, Institute of Molecular Physiology and Genetics, Slovak Academy of Sciences
- 1996 stay at University of Rochester Medical School, Rochester, NY, USA
- 1993–2001 Research fellow, Institute for Pharmacology and Toxicology Technical University of München, München, Germany
- 1990–1991 University of Pennsylvania Medical School, Philadelphia, PA, USA
Postdoctoral student, physiology
- 1989 CSc (equivalent of PhD) in biophysics, Center of Physiological Sciences Slovak Academy of Sciences
- 1983–1989 Center of Physiological Sciences Slovak Academy of Sciences graduated student in biophysics
- 1978–1983 School of Mathematics and Physics, Comenius University, Bratislava, Slovakia, student of nuclear physics and biophysics

PhD students

- RNDr. Martina Kurejová (graduated 26. 4. 2006)
- Mgr. Bohumila Tarabová (graduated 14. 12. 2007)
- RNDr. Mária Drígel'ová (graduated 8. 12. 2010)
- MVDr. Anton Caro (graduated 15. 3. 2012)

RNDr. Lucia Lichvárová (graduated 12. 3. 2015)
RNDr. Katarína Jašková (graduated 19. 8. 2015)
RNDr. Lucia Lapínová (graduated 23. 8. 2018)
Veronika Chvátalová (since September 2014)

Graduated students

Mgr. Juraj Fuska PharmDr thesis (2012-2013)
Mgr. Lucia Lapínová RNDr thesis (2015)

Undergraduated students (diploma thesis) - 13

Awards and organisation of scientific congresses

2020 Bronze medal of Slovak Medical Association
2019 Distinguished Science Service Medal of Slovak Academy of Sciences
2011 premium award for scientific literature for the book Biomembranes awarded by Slovak literary fund
2009 Honorary plaque of Slovak Academy of Sciences for achievements in biological sciences
2004 award for most cited Slovak scientist (2nd place) awarded by Slovak literary fund

Grants

Domestic

2019-2021 Grant VEGA 2/0143/19 „**Voltage dependent calcium channels in nociception.**“ principal investigator
2018-2020 Grant KEGA 005UCM-4/2018 „**Design of curriculum for biophotonics**“ co-investigator
2016-2020 Grant APVV-15-0388 „**Prenatal and postnatal effects of δ and μ opioid receptor ligands on the hippocampal development and function**“ principal investigator
2016-2018 Grant VEGA 2/0107/16 „**Novel pathways of N-type (Cav2.2) calcium channels regulation.**“ principal investigator
2013-2015 Grant VEGA 2/0044/13 „**Principle of gating of voltage-dependent calcium channels**“ principal investigator
2011-2014 Grant APVV-0212-10 „**Calcium channels in neuronal excitability**“ principal investigator
2010-2012 Grant VEGA 2/0195/10 „**Regulation of the gating of the T-type calcium channel.**“ principal investigator
2009-2011 Grant KEGA 3/7389/09 „**Biophysical principles of voltage dependent ion channels regulation in health and disease**“, co-investigator
2008-2011 VVCE „**Biomembranes: Structure and dynamics of biological membranes related to cell functions**“ co-investigator
2007-2009 Grant VEGA 2/7001/27 „**Structure, function and regulation of neuronal calcium channels.**“ principal investigator
2006-2008 Grant ESF „**BIOMEMBRANES: horizontal program for education of**

- 2005-2007 **graduated students and young scientists** ” co-investigator
Grant APVT-51-027404 „**Signaling and transport function of biological membranes under normal and pathological conditions**“, co-investigator
- 2003-2005 Grant SP 51/0280900/0280901 „**Heart adaptation to pathological conditions**“, co-investigator
- 2003-2005 Grant ŠPVV SP51/0280800/0280802 “**Genomics of cardiovascular diseases for healthier population**”, co-investigator
- 2004-2006 Grant VEGA 2/4009/24 „**Voltage dependent calcium channels in neuronal excitability.**“ principal investigator
- 2003-2005 Grant APVT-51-013802 „**Transport and signalling mechanisms of biological membranes at normal and pathological conditions**“, co-investigator
- 2002-2003 Grant VEGA 2/2004/22 „**Characterisation of the gating of neuronal T-type calcium channel**“ principal investigator

International

- 2006-2010 Marie Curie Research Training Network **CavNET** MRTN-CT-2006-035367, responsible for Slovak partner organisation
- 2002-2005 Grant from Volkswagenstiftung “**Role of L-type and T-type Ca²⁺ channels in neuronal excitability.**” principal investigator for a Slovak partner

Other

- 2018-2020 AVCR/SAV **Exploring the molecular determinants and functional role of T-type channel dimerization**, principal investigator for a Slovak partner
- 2016-2017 DAAD/SAV **Novel interaction partners of the Cav2.2 channel** , principal investigator for a Slovak partner

Membership of editorial boards

- 2017-present editorial board of BMC Neuroscience
- 2016-present editorial board of Pflügers Archive - European Journal of Physiology
- 2008-present editor-in-chief of the journal General Physiology and Biophysics
- 2003-present editorial board of the journal General Physiology and Biophysics
- 2002-2007 editorial board of the journal Mosty
- 2001-present editorial board of the journal Sedma Generace (Czech republic)