**PROF. SLEZAK**

**2018 CURRICULUM VITAE**

**(abbreviated )**

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**D.h.c ., Prof. Jan SLEZAK, M.D., Ph.D., D.Sc., FIACS**

Senior Advisor- Mollecular Hydrogen Institute USA – Japan (2016-.....)

Head – Department of Histochemistry and Electron microscopy, Institute for Heart Research, Slovak Academy of Sciences (2010-....)

Vice-rector of Slovak Medical University (from 2010-2014)

First vice-president of Slovak Academy of Sciences Bratislava, (from 1998 till June 2009)

Director and Chairman of the Institute for Heart Research, Slovak Academy of Sciences, Bratislava, Slovak Republic. (from June 1988 to 1998)

Full Professor of Faculty of Medicine, Comenius University, Bratislava, Czechoslovakia ( 1996 -…)

CITIZENSHIP: Slovak Republic

PLACE OF BIRTH: Bratislava, Czechoslovakia

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EDUCATIONAL QUALIFICATIONS: M.D. 1963 Medicine Comenius Univ., Bratislava, Czechoslovakia

Ph.D. 1968 Anatomy, Histology, Embryology Comenius Univ., Bratislava, Czechoslovakia

D.Sc. 1984 Functional Morphology Univ. Safarik Kosice, Czechoslovakia

Assoc. Prof. 1990 Physiology Comenius Univ., Bratislava, Czechoslovakia

Full Professor 1996 Physiology Comenius Univ., Bratislava, Czechoslovakia

Fellow of IACS 2002 Cardiology Canada

PROFESSIONAL EXPERIENCE:

2010 -2014 Vice-rector Slovak Medical University in Bratislava

2008 D.h.c., University of Zilina

1998 - 2009 elected member of 5 Academies ( SAS, SAV,working group of ALLEA, EASA, IACS,)

1998 – 2009 The First Vice-president of Slovak Academy of Sciences, Slovak Academy of Sciences,Štefánikova 49, 814 38 Bratislava 1, Slovak Republic

1988 – 98 Director of the Institute and Professor of Physiology Institute for Heart Research, Slovak Academy of Sciences, Bratislava, Czechoslovakia;

Institute of Physiology, Faculty of Medicine, Comenius University, Bratislava, Czechoslovakia

1990 – 98 Interruptively Visiting Professor Center of Cardiovasc. Research, Manitoba, Univ. Winnipeg, Canada

1991 – 2011 President Slovak League for Prevention and Treatment of Cardiovascular Diseases: “Heart to Heart”

1978 - 88 Deputy Director of the Institute of Exptl. Surgery., Slovak Academy of Science, Bratislava, Czechoslovakia

1968 – 90 Department of Morphology Head, Lecturer, Associate Professor Dept. of Morphology, Inst. Exptl. Surg., Slovak Academy of Sciences, Institute of Physiology and Institute of Anatomy, Faculty of Medicine, Bratislava, Czechoslovakia

1984 – 87 D.Sc. Univ. Safarik, Kosice, Czechoslovakia

1979 – 86 Interruptively Visiting Professor Dept. of Cardiothoracic Surgery and Dept. of Pathology, Mount Sinai School of Medicine, New York, USA

1970 – 72 Visiting Scientist Department of Anatomy, University of California, Los Angeles, USA (Prof. Pease)

1968 - Ph.D. Head, Dept. of Morphology, Inst. Exptl. Surg., Slovak Academy of Sciences, Bratislava, Czechoslovakia

1966 - 1967 Inst fur Kreislaufforschung DAW Berli,n Germany. Electron microscopy study of the heart and neonatal mycytes (Prof Wollenberger and Prof Schulze)

TEACHING SPECIALTIES: Morphology,Histochemistry, Electron Microscopy, Physiology, Pathophysiology, Experimental and/or Molecular Cardiology

MAJOR RESEARCH INTERESTS:

Since 1971 has been primarily involved in a national cardiovascular research projects, and has been carrying out research into experimental and/or molecular cardiology. He has been involved in basic academic research problems, such as artificial circulation and heart transplantation with special emphasis on the study of histochemical, cytochemical, immunocytochemical and ultrastructural changes in the myocardium under various experimental conditions e.g. ischemia and reperfusion injury, calcium paradox, adaptation of the myocardium to ischemia, efect of radiation on cardivascular system and prevention of its adverse effect, molecular hydrogen effect and treatment etc.

HONORS AND AWARDS total more than 57 awards (selected):

Domestic:

Gold Medal of Slovak Academy of Sciences (2005)

1st price of Academy of Education for popularization of science (2005)

Gold Medal of University of Constantine Philoshopher for Scientific Achievements in Medical Sciences (2006).

President of Slovakia – Presidental State Award of Slovak Republic – 1st Class Ľudovít Štúr Order (2006)

Doctor Honoris Causa (Dr.h.c.) – Žilina University 2008

Award of the Minister of Education: Great Medal of Mikovíni for lifetime achievement in science and technology

Foreign:

Medal of Merit, Institute of Cardiovascular Sciences, ISHR (2001)

Honorary Citizen of the city of Winnipeg - Canada (2001)

Award of International Academy of Cardiovascular Sciences “Norman Alpert Award for Established Investigators in Cardiovascular Sciences” (2002)

Fellow of International Academy of Cardiovascular Sciences (2002)

Vincenzo Panagia Distiguished Lecturer Award of International Academy of Cardiovascular Sciences 2011

Distinquished leadership award in cardiovascular sciences - International Academy of Cardiovascular Sciences, Canada 2014

Naranjan Dhalla Award for innovative investigators in Cardiovascular Sciences. IACS 2015

Medal for outstanding contributions to the IACS, ES IACS, 2015

Distinguished Leadership Award in Cardiovascular Sciences 2018

 PUBLICATIONS: Total number of papers is over 550, full length publications 336 (In Journals 298, In Books, Text books and Proceedings 38). Total number of abstracts and short papers published - over 490, Citations < 1700

MEMBERSHIP IN PROFESSIONAL SOCIETIES:

International Society for Heart Research (council member till 2001)

European Section of International Society for Heart Research (council member till 1999)

Slovak Histochemical and Cytochemical Society (President 1990-2000)

Slovak Surgical Society (1970 – 2006)

Slovak League for Prevention and Treatment of Cardiovascular Diseases – Founder and President 1991- 2012

Czechoslovak Society of Electron Microscopy (council member 1970 to 2001)

Slovak Physiological Society (council member 1998 - 2005)

Czechoslovak Society of Clinical and Theoretical Cardiology (council member till 1997)

Slovak Cardiological Society (council member till 2001, honorary member)

International Federation of Cardiological Societies (member)

World Heart Federation member (1991….)

European Heart Network member(1992…)

International Federation of Histo and Cytochemical Societies (council member 1975… )

Heart Friends Around the World (council member 1993…)

International Academy of Cardiovascular Sciences ( board of directors and Fellow 1995… )

ALLEA member (working group 2000…)

European Academies Scientific Advisory Council member and member of WG (2002----)

European Academy of Sciences and Arts (Salzburg-Vienna) member of academy (2003…)

Learned Society of SAS- member of academy (2002….)

Slovak Learned Society member of academy

Russian Academy of Natural Sciences – foreign member of academy

OTHER PROFESSIONAL ACTIVITIES:

*Editorial activities*: editorial board of:

*Current Research* - Cardiology

Functional and Developmental Morphology (till 1994)

Editorial board of BLL

The Histochemical Journal from 1988

Heart News and Views (till 1999)

Clinical and Experimental Cardiology

Canadian Journal of Cardiology

Canadian Journal of Physiology and Pharmacology (Guest and co-editor)

General Physiology and Biophysics (Field Editor)

Acta Mechanica Slovaca Asoc.editor

Working as a reviewer for government, EU and grant agencies

*Teaching* medical and postdoctoral students, supervisor of more than 22 PhD students.

*MANAGERIAL ACTIVITIES IN SCIENTIFIC BOARDS:*

Board of Slovak Government for Science and Technology (member)

Advisor for science to Prime minister of Slovakia and minister for education

Member of the Committee for Science and Technology of the Ministry of Education SR

Member of the Committee for Biotechnplogy and Biomedicine of the Ministry of Education

Chairman of the Committee of Minister for coordination of PhD. studies

Member *of Scientific Board* of Faculty of Medicine, Comenius University, Bratislava.

Member *of Scientific Board* of Faculty of Medicine, Comenius University, Martin

Member of Scientific Board of University of Constatinus Phylosofer, Nitra

Member of *Scientific Board* of Slovak Medical University, Bratislava

Member *of Scientific Board* of Slovak Institute of Cardiovascular Diseases, Bratislava

Member *of Scientific Board* of ITVS, Comenius University, Bratislava

Council member of ALLEA (All European Academies - UK)

Member of European Academy of Sciences and Arts, Austria

Member of Slovak Academical Society

Member of the Learned Society of Slovak Academy of Sciences

Fellow of International Academy of Carsdiovascular Sciences (IACS)

Member of Board of Directors of IACS

Member of Advisory Board of IACS

Foreign member of Russian Academy of Natural Sciences

Member of *Acreditation Board* of the Czech Government and Ministry of Education of Czech Rep., Etc...

*Invited symposia speaker* for national and international meetings (>50x).

*Acting as a session chairman* in a number of international and national scientific meetings (48).

*Organizer and president of 23 international Conferences and Symposia.*

*Founder and President of Slovak League* for Prevention of Cardiovascular Diseases – HEART TO HEART League

*Faunding member of Slovak Society of Electron Microscopical Society*

*Faunder and President of Slovak Histo and Cytochemical Society*

*Awards: more than 57 national and foreign awards.*

*2018*