

Curriculum vitae for Dr. László Csernoch

Born: August 29, 1961 in Miskolc, Hungary.

Orcid ID: 0000-0002-2446-1456

Education: Kossuth Lajos University, Debrecen. MSc in *physics* in 1985.

Post-graduate training:

Dept. Physiology, University Medical School, Debrecen, Hungary from 1985 to 1990.

Dept. Physiology, Rush Medical University, Chicago, IL, USA in 1988.

Post-doctoral training:

Dept. Biological Chemistry, University of Maryland, Baltimore, MD, USA with a two years *post doctoral research fellowship from the Muscular Dystrophy Association (USA)* from 1990 to 1992.

Doctoral degrees:

Ph.D. (Candidate of Sciences) in biology in 1990

Doctor of Sciences in 2001

Academic positions at the University of Debrecen:

Assistant professor 1994-1998

Associate professor 1998-2005

Professor and Head, Department of Physiology since 2005.

Visiting professor:

Dept. Physiology, Claude Bernard University, Lyon I, Lyon, France in 1998 and 1999.

Dept. Molecular Biophysics and Physiology, Rush Medical University, Chicago, IL, USA, 2002.

Dept. Physiology and Biophysics, Robert Wood Johnson Medical School, Piscataway, NJ, USA, 2005.

Selected institutional responsibilities at the University of Debrecen:

Member of the Faculty Council, Faculty of Medicine

Member of the University Senate

President of the Molecular Medicine Doctoral School since 2005; with 11 graduated PhD students

President of the Doctoral and Habilitation Council of the University since 2013

University offices at the University of Debrecen:

Vice Dean of General Affairs of the Faculty of Medicine 2004-2007

Dean of the Faculty of Medicine 2007-2013

Vice Rector of Scientific Affairs since 2013

Commissions of trust:

Member of the Biological Section, Hungarian Accreditation Committee, 2010-2012

Member of the Experimental Medicine Study Section, Hungarian Science Fund, 2011-2014

Reviewer in international PhD theses

Claude Bernard University, Lyon I, Lyon, France, 2 students

John Curtin School of Medical Res, Australian National University, Canberra, Australia, 1 student

University of Siena, Siena, Italy, 1 student

National offices:

Member of the Hungarian Doctoral Council since 2013

President since 2014

Editorial board member:

Physiology International

Frontiers in Physiology – Skeletal muscle

PLoS One

Scientific Societies:

Member of the Hungarian Physiological Society since 1988

General Secretary 2010-2014

President since 2014

Member of the American Biophysical Society since 1990

Member of the British Physiological Society since 2006

Member of the Hungarian Biophysical Society since 2010

Member of the Board of the General Assembly, International Union of Physiological Societies

Other achievements

Fields of interest:

Excitation-contraction coupling in skeletal, cardiac and smooth muscle.

Regulation and function of the Ryanodine and IP₃-receptor calcium release channels, channelopathies.

Calcium transients, calcium sparks and confocal laser scanning microscopy.

Skeletal muscle function in exercise.

Sports education.

Publications:

136 *in extenso* publications in peer-reviewed journals

6 book chapters

International responsibilities:

Member of the Steering Committee of the Consortium for Applied Research and Professional Education (CARPE).

Member of the International Advisory Board for the MolMedEx H2020 project.

Organization of scientific conferences:

Organizer of the European Muscle Conference, 2004

Organizer of the Hungarian Physiological Society Meeting, 2012

European representative of the Gordon Research Conference: Muscle Excitation-Contraction Coupling, 2011

Institutional committees at the University of Debrecen:

Member of the Committee for Students with Disabilities of the Faculty of Medicine, 2003-2007

Member of the Quality Assurance Committee of the Faculty of Medicine, 2007-2010

President of the Student Feed-back Committee of the Faculty of Medicine, 2007-2010

Member of the Quality Assurance Committee of the University, 2010-2013

President of the Sports Committee of the University since 2010

President of the Talent Management Council of the University since 2013

Teaching experience:

Medical physiology for medical, dentistry and pharmacology students from 1992.

Cell physiology for molecular biologists from 1993.

Informatics for molecular biologists from 1993.

Awards:

Széchenyi Professor Award 1998–2001.

Széchenyi István Award 2002-2005.

University decorations:

Excellent teacher of the Faculty of Medicine, 2004

Teacher of the Year, Faculty of Medicine, 2012

National decoration:

“For the Hungarian Higher Education” plaque, 2008

Knight of Cross from the Order of Merit of the Hungarian Republic, 2014

For all publications and citations see:

<https://scholar.google.hu/citations?user=GjXqJCwAAAAJ&hl=en>