

Curriculum vitae for Dr. László Csernoch



Born: August 29, 1961 in Miskolc, Hungary.

Marital status:

Married, wife Mária Csernoch; three children, Vera, Júlia and András

Education:

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

Post-graduate training:

- In Dr. László Kovács's laboratory in the Department of Physiology, University Medical School, Debrecen, Hungary from 1985 to 1990.
- In Dr. Eduardo Ríos's laboratory in the Department of Physiology, Rush Medical University, Chicago, IL, USA in 1988.

Post-doctoral training:

In Dr. Martin F. Schneider's laboratory in the Department of 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: The components of intramembrane charge movement and the activation of the contractile apparatus in striated muscle.

Doctor of Sciences in 2001: The regulation of the release of calcium from the sarcoplasmic reticulum in striated muscle.

Academic positions:

Assistant professor 1994-1998

Associate professor 1998-2005

Professor and Head of the department at the Department of Physiology, University of Debrecen, Debrecen, Hungary since 2005.

Visiting professor:

At the Department of Physiology, Claude Bernard University, Lyon I, Lyon, France in 1998 and 1999.

At the Department of Molecular Biophysics and Physiology, Rush Medical University, Chicago, IL, USA in 2002.

At the Department of Physiology and Biophysics, Robert Wood Johnson Medical School, Piscataway, NJ, USA in 2005.

Teaching experience:

- *Human physiology* for medical, dentistry and pharmacology students in Hungarian and in English 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.

For the Hungarian Higher Education Award 2008

University offices:

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

Dean of the Faculty of Medicine since 2007

Societies:

- Member of the Hungarian Physiological Society since 1988.
- Member of the American Biophysical Society since 1990.
- Member of the British Physiological Society since 2006.

Field 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. Purinergic signal transduction and calcium homeostasis in excitable and non-excitable cells under physiological and pathological conditions.

Publications:

Number: 70 in extenso or accepted for publication

4 book chapters

Impact factor: 229.386

Number of Citations: 671

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