

Curriculum Vitae

Name

Julianna Cseri MD

Date of birth

01/02/1949

Academic degree and qualification (as in diploma/degree certificate)

Medical doctor, University Medical School of Debrecen, 1973
Specialisation in Laboratory Diagnostics (1977)

Present workplace

University of Debrecen, Medical and Health Science Center, Faculty of Public Health, Department of Physiotherapy

Present position

College full professor
Head of Department of Physiotherapy

Scientific degree and discipline

CSc in Medical Science (1986)

Educational activities (list of taught subjects & their credits, name of course, since when)

1973- teaching Physiology for medical students (seminars, practicals and lectures) in the Hungarian Programme

1986- Biology lectures and seminars in the Basic Medical Course (in English)

1988- teaching Physiology for medical students (seminars, practicals and lectures) in the English Programme; main topic in the lectures (15-20 lectures/year): Cardiovascular Physiology

1993- Cell Physiology and Cardiovascular Physiology (2 credits) for molecular biology students (Hungarian)

1999- Applied Physiology and Pathophysiology for physiotherapy students (Hungarian)

2000- Endothelium Dependent Regulation of Vascular Smooth Muscle – elective course for medical and molecular biology students in Hungarian and in English (2 credits)

2004- Physiology for students in the Medical Laboratory and Diagnostic Imaging Analytical Expert Programme (4 credits)

2005- Physiology and Pathophysiology for part time students in the Nursing and Patient Care Programme (4 credits)

2007- Basics of Scientific Methodology for full time and part time students in the Nursing and Patient Care Programme (2 credits)

2008- Introduction to Health Sciences for Social Health Worker students (master degree) (4 credits)

2008- Morphological and functional relations of neural regulation – optional course for Nursing and Patient Care students (2 credits)

2008- PhD course entitled Development and Regeneration of Skeletal Muscle

Additional Activity in Education:

1992 Physiology Practice – A Laboratory Guide and Physiology Practice – Exercise Book (author and editor); revised editions in 1994 and 1996

1999 Description of Molecular Biology Programme in Hungarian and in English (within the Higher Education Programme Financing Tender – FPP)

2003 Coordination of activity directed to elaboration of curricula and accreditation application for three bachelor programmes at the Health College Faculty as the vice dean responsible for education.

2004 - **Head of the Physiotherapy Programme** in the Hungarian education, head of the Department of Physiotherapy since 2006.

2005 J. Cseri: New trends and elements in curriculum elaborated at University of Debrecen Health College Faculty. Lecture at the Congress of Consortium of Institutes of Higher Education in Health and Rehabilitation In Europe (COEHRE), 2005, Budapest

2006 Selected Topics in Cardiovascular Physiology (16 lectures) for Physiotherapy students at the Oulu University of Applied Sciences in English (ERASMUS Teacher Mobility Programme)

Relevant work experience and achievements

1973-present: scientific work in the Department of Physiology, in the team of professor László Kovács and later of professor László Csernoch. Main field of interest: muscle physiology, electrophysiology, development and regeneration of skeletal muscle, intracellular calcium homeostasis of skeletal muscle fibres in normal and pathological conditions. The investigations are carried out in clinical collaboration directed to autoimmune and inflammatory processes of skeletal muscles making a bridge between the basic and applied sciences.

20 publications and 16 congress presentations in English are related to this activity. I was the staff member of the project OTKA T-34894 (2001-2005).

I am presently the co-tutor of two part time PhD students (physiotherapists). Topic: *Function of neuromuscular system in physiologic and pathologic conditions*

Publications of the previous 5 years (maximum 5 publications, in the field of the taught subjects)

1. Péter Szentesi, Henrietta Szappanos, Csaba Szegedi, Mónika Gönczi, István Jóna, **Julianna Cseri**, László Kovács and László Csernoch: Enhanced sarcoplasmic calcium release and altered elementary calcium release events in the presence of thymol in mammalian skeletal muscle. *Biophysical Journal*, 2004, **86**, 1436-1453. *IF: 4.59*
2. Szappanos, H., **J. Cseri**, T. Deli, L. Kovács, L. Csernoch: Determination of depolarisation- and agonist-evoked calcium fluxes on skeletal muscle cells in primary culture. *Journal of Biochemical and Biophysical Methods*. 2004, **59**, 89-101. *IF: 1.30*
3. Szappanos, H., Smida-Resgui, S., **Cseri, J.**, Simut, C., Sabatier, J.M., De Waard, M., Kovács, L., Csernoch, L., Ronjat, M.: Differential effects of maurocalcine on Ca^{2+} release events and depolarization-induced Ca^{2+} release in rat skeletal muscle. *J. Physiol.*, 2005, **565**, 843-853. *IF: 4.27*
4. Deli, T, H. Szappanos, G.P. Szigeti, **J. Cseri**, L. Kovács, L. Csernoch: Contribution from P2X and P2Y purinoreceptors to ATP-evoked changes in intracellular calcium concentration on cultured muscle myotubes. *Pflügers Arch.* 2007 Jan; **453**(4):509-18. Epub 2006 Sep 26. *IF: 4.81*
5. Szigeti, GP, H Szappanos, T Deli, **J. Cseri**, L. Kovács, L. Csernoch: Differentiation dependent alterations in the extracellular ATP-evoked calcium fluxes of cultured skeletal muscle cells from mice. *Pflügers Arch.* 2007 Jan; **453**(4):519-29. Epub 2006 Oct 17. *IF: 4.81*

Membership in professional associations, international relations

Hungarian Physiological Society - member

Study trips: Rostock, 1976; Bratislava, 1985; Lyon, 2000; Innsbruck, 2001

Erasmus relations with Oulu University of Applied Sciences (Oulu, Finland), and with Polytechnique Institute of Castelo Branco, Portugal

English language skills

Advanced level medical professional language exam, written part (PROFEX, Certificate No1010807)

Advanced level general language exam, oral part (Origo, Certificate No 1040904)