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SZEKERES Maria MD, PhD

PLACE, DATE OF BIRTH	BUDAPEST, 08.05.1970
EDUCATION	SEMMELWEIS UNIVERSITY 1994, Medical Doctor
SCIENTIFIC DEGREES	2002, PHD
LANGUAGE SKILLS	1988 Russian, intermediate 1989 English, intermediate 1995 English, ECFMG
PROFESSIONAL-SCIENTIFIC CAREER	1990-1994 tutor, Institute of Human Physiology and Clinical Experimental Research (CER), Semmelweis University (SU) 1992-1994 student researcher, Institute of Human Physiology and CER, SU 1994-1997 PhD student, Institute of Human Physiology and CER, SU 1997-1998 postdoctoral fellow, New York Medical College, Dept. Physiology, USA (1 year) 1998-1999 PhD research fellow, Institute of Human Physiology and CER, SU (1 year) 1999-2005 assistant professor, Institute of Human Physiology and CER, SU 2005-2006 assistant professor, Department of Physiology, SU 2006-2007 research associate, Department of Physiology, SU 2007-2008 research associate, Hungarian Academy of Sciences (HAS)-Department of Physiology, SU 2008-2015 research associate, Department of Physiology, SU 2015- research associate, Laboratory of Molecular Physiology HAS-SU 2015- associate professor, Department of Morphology and Physiology, Faculty of Health Sciences, SU
PUBLICATION LIST IN MTMT DATABASE	https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=authors10019335
SUBJECTS TAUGHT	1994-2015 Medical Physiology (Semmelweis University, Faculty of Medicine) 2015- Physiology-Pathophysiology (Semmelweis University, Faculty of Health Sciences) 2016- Functions of hormone receptors: scientific research and clinical practice, health and disease (Semmelweis University, Faculty of Health Sciences) 2016- Applied sport physiology and sport health sciences (Semmelweis University, Faculty of Health Sciences-University of Physical Education)

2017- Sport and Heart (Semmelweis University, Faculty of Health Sciences-UPE)
2022-Basic Clinical Sciences for MSc Nurse (Semmelweis University, Faculty of Health Sciences)

PRACTICES LED	1994-2015 Medical Physiology (Semmelweis University, Faculty of Medicine) 2015- Physiology-Pathophysiology (Semmelweis University, Faculty of Health Sciences)
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TEACHING IN DOCTORAL PROGRAM	2020- SEMMELWEIS UNIVERSITY-FACULTY OF HEALTH SCIENCES, THEORETICAL AND PRECLINICAL HEALTH SCIENCES / Effects of hormonal signaling on the cardiovascular adaptation
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PARTICIPATION IN TDK WORK, TDK TOPICS	2012- Effects of hormonal and metabolic changes on vascular function (Semmelweis University, Faculty of Medicine) 2016- Role of hormone receptor-induced signaling in the vascular function and in the pathomechanism of hypertension (Semmelweis University, Faculty of Health Sciences) 2016- Effects of physical exercise on the prevention of chronic diseases (Semmelweis University, Faculty of Health Sciences) 2022- Sportadaptation in cardiovascular system (Semmelweis University, clinical cooperators: Dr. Zsolt Szelid, Dr. Zsolt Komka)
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PROFESSIONAL-SCIENTIFIC ACTIVITIES	1994- participating in conferences 2002 organizing member of, 4 th International Congress of Pathophysiology, Budapest 2002- reviewing diploma works, PhD dissertations, participating in PhD committees 2007- referee of scientific journals: ATVB, Molecular and Cellular Endocrinology, Acta Physiologica Hungarica, Cells, Biomedicines, IJMS, Nutrients, Antioxidants, Metabolites, Pharmaceuticals, etc. 2016- teaching on health sciences: participating on “Researchers’ Night”, ETK-EDUVITAL, University „Open Day”, “Semmelweis Health Day” and presenting for secondary schools 2020-2022 cooperator for “Move Semmelweis!” university project 2022-Guest Editor in Biomedicines Special Issue (Q1) Publication results: MTMT2: Szekeres Mária (Élettan)
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MEMBERSHIP IN ORGANISATIONS	1997- Hungarian Physiological Society 2005- Hungarian Microcirculation Society 2020- Hungarian Society of Hypertension
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PROFESSIONAL ACKNOWLEDGEMENTS	1993 HUMSIRC Scholarship (6 weeks) 1994 Student Research Conference, 2 nd award 1994-1997 PhD scholarship 1995 Hungarian State Scholarship (3 months) 1996 Scientific Award of International Union of Angiology Congress, Budapest, Hungary 1997 „Young Investigator Award”, of International Congress of Physiological Sciences, St. Petersburg, Russia 2001 „Young Investigator Award”, Hungarian Physiological Society 2001 „Young Investigator Award” of International Union of Physiological Sciences Congress, Christchurch, New Zealand 2007 „Young Investigator Award”, Hungarian Physiological Society 2018 Merit Award, Semmelweis University, Faculty of Health Sciences 2020 Dean’s Award, Semmelweis University, Faculty of Health Sciences
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2020 Merit Award, Semmelweis University, Faculty of Health Sciences
2022 Mentorcup prize (for the mentor work on teaching and research),
Semmelweis University, Faculty of Health Sciences

SELECTED
PUBLICATIONS

1. Szekeres M, et al. *Journal of Vascular Research* 35:332-344, 1998. IF: 2.667
2. Szekeres M, et al. *Journal of Cardiovascular Pharmacology* 38 (4):584-592, 2001. IF: 1.553
3. Mericli M, et al. *Cardiovascular Research* 61(2):317-24, 2004. IF: 4.575
4. Szekeres M, et al. *Journal of Cardiovascular Pharmacology* 43(2):242-9, 2004. IF: 1.576
5. Szekeres M, et al. *Mol Cell Endocrinol.* 302(2):244-53, 2009. IF: 3.611
6. Szekeres M, et al. *Endocrinology* 151, (4):1695-703. 2010. IF: 4.945
7. Szekeres M, et al. *J Biol Chem.* 287(37):31540-50, 2012. IF: 4.773
8. Szekeres M, et al. *Mol Cell Endocrinol.* 403:46-56, 2015. IF:4.039
9. Szekeres M, et al. *Prostaglandins Other Lipid Mediat.* 55(2):87-97, 2018. IF: 2.64
10. Miklós Z, et al. *Cells* 10(4):724, 2021 Mar 24. IF: 6.6
11. Gém J, et al. *Cells* 10: (12): 3538, 2021. IF: 6.6
12. Dörnyei G, et al. *Biomedicines* 11(2) 306, 2023. IF: 4.7
13. Bányai B, et al. *Int J Mol Sci* 24(22):16429, 2023. IF: 5.6
14. Suli A, et al. *Int J Mol Sci* 24(23):16577, 2023. IF: 5.6
15. Nadasy G, Balla A, Szekeres M. *Biomedicines* 11(11):3004, 2023. Editorial. IF: 4.7

DATE OF
FINALISING CV

07.05.2024
