



Andrea Székely PhD, DEAA
head of department, university professor
06/14865843
szekely.andrea1@semmelweis.hu

ANDREA SZÉKELY PHD, DEAA

PLACE, DATE OF
BIRTH

JULY 5. 1964

EDUCATION

2004-2006 Budapest Corvinus University, Medical Management MSc
1982-1988 Semmelweis Medical University, Faculty of Medicine
1986- 1988 Petőfi Sándor High School, faculty physics

SCIENTIFIC DEGREES

2021 Doctor of Sciences, Hungarian Academy of Sciences
2020 Professor of Anesthesia
2011 doctor habilis –University of Szeged,
2003 PhD Thesis: Intravenous anesthetics during reperfusion injury

LANGUAGE SKILLS

1992 English, excellent oral skills, intermediate exam
1987 German excellent oral skills, exam of the Goethe Institute
1988 Hungarian, mother language

PROFESSIONAL- SCIENTIFIC CAREER

2021 National Examination Board-emergency care
2020 Semmelweis University Professor of Anesthesia
2019 Semmelweis University Budapest, Faculty of Health Sciences Chair-Department of Oxyology and Emergency Care
2011 Semmelweis University Budapest, Department of Anesthesia and Intensive Care, Heart and Vascular Center-Associate Professor of Anesthesia
2007 Semmelweis University School of PhD Studies- Experimental and Translational Studies -project leader-8 PhD fellows, 6 defendants
2005- Semmelweis University-Studies of Health Sciences-senior lecturer-
1998- Gottsegen György Hungarian Institute of Cardiology, Department of Anesthesia-, Deputy Head of pediatric anesthesia and intensive care
1992-1997 Ludwig –Maximilians University, Klinikum Grosshadern, Institute of Anesthesiology and Institute of Physiology, Munich, Germany –grants of DAAD (German Academic Exchange Service) and European Academy of Anesthesiology-research fellow
1988-1992 Semmelweis University Department of Pediatrics-resident

PUBLICATION LIST IN MTMT DATABASE	Link https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=authors10044815
--	---

SUBJECTS TAUGHT	2005 - Interdisciplinary intensive care - BSC paramedic in Hungarian 2005 – Basic paramedic patient care - BSC paramedic in Hungarian 2005 – Intensive therapy – BSC physiotherapist in English 2008 - Critical Patient Care and Nursing I.-II. - BSC nurse in English 2020 – Cardiovascular diseases -MSC nurse in English
PRACTICES LED	Intensive therapy AOK
TEACHING IN DOCTORAL PROGRAM	2007 - PhD supervisor Influence of meteorological changes on the outcome of heart and vascular surgery Endocrine aspects of heart surgery and or transplantation Genetic and epigenetic markers assessing sepsis risk in patients with infection
PARTICIPATION IN TDK WORK	Endocrine function in the post-transplant period Endocrine function in the perioperative period Autoimmune diseases on the outcome of heart transplantation Frailty on the outcome of heart and vascular surgery Hepatic vein flow profile study
PROFESSIONAL- SCIENTIFIC ACTIVITIES	2017- European Society of Anesthesiology, Trainee Exchange Committee Board 2017- EACTA Education Committee 2015 ESA NECTARINE, national coordinator 2015 Magyar Szívbészeti Társaság, board member 2015 MAITT, Chairman of the Cardiovascular Section 2011-2015 Eurostar, Euroanesthesia gyermekkori neurotoxicitás committee member 2015 Journal of Cardiothoracic and Vascular Anesthesia, editorial board member 2015 EACTA Congenital és Transplantation Subcommittee és Abstract Reviewing Committee 2008 HECRIN (Hungarian European Clinical Research Network), committee member 2008 ISRN Cardiology Editorial Board member Blood, Lung and Vessels Editorial Board member European Workshop of Cardiovascular Intensivist member

1998-2008 McSpi Europe Education of Perioperative Ischemia
European Association of Cardiothoracic Anesthesiologists

MEMBERSHIP IN ORGANISATIONS	2019	ESA Representative Council – Representative of Hungary
	2017	ESA Trainee Exchange Programme – Committee member
	2017	ESA Research Mentorship – mentor, Sladjana Vasiljevic
	2016	European Diploma of Anesthesiology (EDAIC II), examiner
	2012-2015	Balassi Intézet – reviewer
	2011-2013	Romanian Evaluation Process – reviewer
	2007–	Pediatric intensive care specialist exam – committee member
PROFESSIONAL ACKNOWLEDGEMENTS	2023	National Excellence of Youth Teachers
	2021	PhD e-learning in the Obuda University 3000 USD
	2021	Semmelweis Merit Price, Hero of Semmelweis University
	2020	Excellence in Youth Research Mentorship
	2023, 2018, 2016	Semmelweis Publication Award
	2017, 2020	Research Mentorship ESA –Sladjana Vasiljevic, Ebru Küçükçotur
	2016	EDAIC Part II Examiner (European Diploma of Anesthesiology)
	2014	Mentorship ESAIC Trainee Exchange program Dr Miriam Meier, Dr Urs Peitsch Dr Sylvia Kramer, Nicolas Leister, Bibiane Metelmann, Sophie Henseler, Koray Otalay
	2006	McSPI (Multicenter Study of Perioperative Ischemia) grants (30 000 USD): Psychosocial factors and quality of life after coronary artery bypass surgery
	2003	2 nd prize FEAPA –Federation of the European Pediatric Anesthesiologists-
	1996	Zeneca Research award of European Academy of Anesthesiology
	1994	Grant of the Deutsche Akademische Austauschdienst
DATE OF FINALISING CV	2025.	