

Prof. Béla MERKELY MD, PhD, MSc, DSc, FESC, FACC
Rector

Born:

28 June 1966, Budapest

Academic degree:

- 1999 PhD. degree. *“Experimental and clinical investigation of the mechanism of ventricular arrhythmias”*
- 2006 Doctorate of Science (DSc) *“Pathomechanisms of tachyarrhythmias and new electrophysiological non-pharmacological treatment methods”*
- 2006 Habilitation Semmelweis University (Cardiology)



Current position

- Chairman – Sports Medicine Department, Faculty of Medicine, Semmelweis University (since 2019)
- Rector – Semmelweis University (since 2018)
- Director and Chair – Semmelweis University Heart and Vascular Center (since 2012)
- Professor – Pázmány Péter Catholic University (since 2013)
- President – Cardiology Council of Professional College (since 2011)
- Head of the Departmental Group – Department of Cardiology and Vascular Neurology Departmental Group, Semmelweis University (since 2009)
- Professor of Medicine – Semmelweis University (since 2008)
- Director and Chair – Semmelweis University Heart Center (since 2007)

Schools

2013-2014	Faculty of Health and Public Administration, Health Service Management Training Center, Semmelweis University – Master of Science in Health Care Management
2006-2009	Health Service Management Training Center, Semmelweis University – Health Care Manager
1984-1991	Faculty of Medicine, Semmelweis University (SOTE) – Doctor of Medicine (summa cum laude)

1986-1991	Member of the Students' Scientific Association, then Demonstrator, Department of Pathophysiology holder of the Scholarship of the Hungarian Republic
1980-1984	Táncsics Mihály Highschool

Postgraduate training

2018	GCP training
2017	Licence in transesophageal echocardiography
2017	Licence in transthoracic echocardiography
2017	Specialization exam in sport medicine
2015	Specialization exam in clinical pharmacology
2015	GCP training
2014	MSc Diploma – Manager in Health Economics (Semmelweis University, Health Service Management Training Centre)
2010	GCP training
2009	Manager in Health Economics (Semmelweis University)
2009	Interventional Cardiologist license – expert level
2007	EHRA Cardiac Pacing and ICD Accreditation-Device Therapy
2007	Arrhythmology license – Invasive Electrophysiology
2007	Arrhythmology license – Device therapy (PM, ICD, CRT)
2005	Lipidology exam
1998	Specialization exam in cardiology
1996	Specialization exam in internal medicine
1991	Medical Doctor (summa cum laude), SOTE, Budapest

Language skills

English Intermediate level, Type C

German Intermediate level, Type C

German Advanced level, Type A

Grants

- 2020-2024 Investigation of the cardiac aspects of athlete performance NKFIH K_20 “OTKA” Research grant call 135076
- 2020-2021 Thematic Program of Excellence 2020 (2020-4.1.1.-TKP2020); Therapeutic Development
- 2020-2021 Thematic Program of Excellence 2020 (2020-4.1.1.-TKP2020); BIOImaging Theme
- 2019-2020 Thematic Program of Excellence 2019 (TIP2019); BIOImaging Theme
- 2019-2020 Program for Institutional Excellence in Higher Education 2019 (FIKP2019); Therapeutic Development
- 2018-2019 Program for Institutional Excellence in Higher Education 2018 (FIKP2018); Therapeutic Development
- 2016-2019 National Heart Program – Research and Innovation in the Diagnosis and Treatment of Ischemic Heart Disease and Heart Failure (NVKP_16-1-2016-0017)
- 2016-2020 Experimental and clinical investigation of short- and long-term cardiovascular effects of professional sport (NKTH OTKA K 120277)
- 2014-2017 Budapest-CRT Upgrade Principal Investigator initiated trial (unrestricted grant of Boston Scientific; 1.060.000 Euro)
- 2013-2017 EU FP 7 Grant: „Diagnostic Imaging Strategies for Patients with Stable Chest Pain and Intermediate Risk of Coronary Artery Disease: Comparative Effectiveness Research of Existing Technologies” (DISCHARGE, FP7-Health-2012.2.4-2, project no: 603226)
- 2013-2017 EU FP 7 Grant: „Comparative Effectiveness Research to Access the Use of Primary Prophylactic Implantable Cardioverter Defibrillators in Europe” (EU-CERT-ICD, project no: 602299)
- 2012-2016 Remodelling and reverse remodelling in heart failure – experimental models and human studies (project director)
- 2008-2010 Bridge of Semmelweis – scientific tender supported by the European Union (“Project of TAMOP”), project director
- 2007-2011 Clinical and experimental study on heart failure associated with arrhythmias
- 2007 Studying the pathomechanism of heart failure; new prospects for an optimal resynchronisation therapy

2006-2008	Analysis of the pathomechanisms in heart failure; pharmacological and non-pharmacological treatment facilities
2001-2005	Clinical and experimental investigations on the prevention options and mechanisms of malignant ventricular arrhythmias, study director
2001-2004	The role of endothelin-1 in the pathogenesis of malignant ventricular arrhythmias. Clinical and experimental investigations, study director
2000-2002	Examining the role of endothelin in different pathophysiological conditions
2000-2001	In vivo studies on the influencing factors in the development of clinical and experimental tachyarrhythmias, study director
1997-1999	Examination of the pathomechanism of malignant ventricular arrhythmias, study director
1997-1999	Experimental electrophysiological analysis of major ventricular arrhythmias, study director
1994-1996	Electrophysiological examination of major ventricular arrhythmias, study director

Awards

2021	Lions Fair Play Award, for his decade-long participation in goodwill services
2021	Széchenyi Prize, recognizing the outstanding contribution to the academic life in Hungary
2020	Man of the Year (Observer) – for his outstanding professional work in 2020 and for his activities protecting the Hungarian population
2019	Honorary Doctor of “Vasil Goldis” Western University of Arad
2019	Honorary Member of the Serbian Society of Cardiology
2019	Certificate of Recognition for the Heart Transplantation Working Group of the Heart and Vascular Clinic of Semmelweis University in recognition of outstanding professional activity
2018	ESC Silver Medal
2018	Honorary Member of the Romanian Society of Cardiology
2018	Honorary Member of the Croatian Society of Cardiology

- 2018 Award in recognition of decades of pioneering work in basic research and clinical landmark studies (1st Department of Cardiology and Angiology, University Heart Center Freiburg)
- 2018 Honorary Professor of the Republic of Kazakhstan
- 2017 Kossuth Zsuzsanna Award
- 2017 Honorary President of the Hungarian Society of Cardiology
- 2017 Honorary President and Honorary Professor of Northern Jiangsu People's Hospital
- 2017 Honorary Professor of the Peking Union Medical College Hospital
- 2017 Doctor Honoris Causa of the Peoples' Friendship University of Russia
- 2016 Honorary Professor Voronezh N. N. Burdenko State Medical University
- 2016 Order of Merit of the Hungarian Republic, Commander Cross
- 2015 Dénes Gábor Award
- 2014 Városmajor Heart and Vascular Center – belonging to Semmelweis University and led by Béla Merkely – receives the “Cardiology Centre of Excellence” Prize (Medicina Top200)
- 2014 Astellas Certificate of Merit for the outstanding professional knowledge and magnificent human attitude (Astellas Award was running in the frame of the Physician of the Year Competition)
- 2014 Gold Medal of Hungarian Society of Cardiology
- 2014 Ministerial Certificate of Merit for the Cardiology Technicians of Városmajor Heart and Vascular Center's Intensive Care Unit – belonging to Semmelweis University and led by Béla Merkely – as a care unit of high priority
- 2013 Career Achievement Award (Jagellonian University Krakow)
- 2013 Medal of Honour for the scientific activities, the support and promotion of scientific work (Peoples' Friendship University of Russia, Moscow)
- 2013 Honorary Citizen of Budapest

- 2013 Pro Societate Award of the Hungarian Society of Cardiology for the outstanding work executed as Executive Board Member and Advisory Board Member from 2010 to 2013
- 2012 Elite Reviewer in Europace
- 2011 Medallion of the 30th Anniversary National Scientific Student's Conference
- 2011 Semmelweis University Heart Center – “FIFA Medical Centre of Excellence”
- 2011 Markusovszky Award, Orvosi Hetilap
- 2011 Order of Merit of the Hungarian Republic, Officer's Cross
- 2009 Hungarian Academy of Sciences Award for Excellence
- 2008 Jendrassik Ernő Award
- 2007 Master Tutor Gold Medal – Award of the National Scientific Student's Organization
- 2007 Semmelweis University Tutor Award of the Scientific Student's Organization
- 2006 Founder of the Heart Center in Győr, Award
- 2006 Pro Civitate Sana Award
- 2004 Bolyai Award of the Hungarian Academy of Sciences (MTA)
- 2004 Rudolf-Thauer-Posterpreis 3rd prize: Deutsche Gesellschaft für Kardiologie
- 2004 Pro Societate Award of the Hungarian Society of Cardiology
- 2003 Cardiovascularis Centrum Award
- 2002 Semmelweis University, Tutor Award of the Scientific Student's Organization
- 2000 Gábor György Award
- 2000 – Bolyai Research Scholarship of the Hungarian Academy of Sciences
2003
- 1999 10th World Congress of Electrophysiology, International Virchow Award 1st prize
- 1997 International Union of Angiology European Chapter's Congress – Physiology Prize
- 1996 Adorján Ferenc Award
- 1995 3rd Alpe-Adria Cardiology Meeting – 2nd prize

1998 Táncsics Mihály Award, Gold level

Publications, presentations

5 edited books, 2 specialized books, 46 book chapters (6 in English), 7 university coursebook chapters, contribution to 18 university coursebook chapters, 2 university textbooks

- 721 international and 276 Hungarian articles
- **Cumulative impact factor: 4087,885**
- **Independent citations: 47.307.**
- **Hirsch index: 58**
- **g-index: 124**
- **MTMT ID: 10002691**

List of Dr. Béla Merkely's publications in the Hungarian Database of Scientific Works

Membership, elected functions

Hungarian Society of Cardiology (MKT); Hungarian Society of Cardiac Surgery, Hungarian Atherosclerosis Society, European Society of Cardiology (ESC), International Society for Heart Research;

- 2020 – Vice President of the Hungarian University-College Association
- 2024 –
- 2019 – President of the Semmelweis University Sports Medicine Professional Committee
- 2018 – Member of the Board of the Swimming Sports Association, Győr
- 2023 –
- 2017 Member of the FINA Sports Medicine Committee
- 2017 Honorary President of the Hungarian Society of Cardiology
- 2016 – Member of the Editorial Board for the journal “Journal of Cardiovascular Emergencies”
- 2016 – Deputy Editor for the journal “Heart Beat Journal”
- 2016 – Vice President for National Cardiac Societies of the European Society of Cardiology
- 2018 –
- 2016 – President of the China-CEEC Hospital Cooperation Alliance (CC-HC)
- 2016 – President of the Scientific Board of the Hungarian Society of Cardiology
- 2016 Member of the Editorial Board for the journal “Journal of Hungarian Interdisciplinary Medicine”
- 2016 – President of the Cardiology Section of Professional College

- 2015
2018 – Vice-rector for Clinical Affairs, Semmelweis University
- 2015
2017 – Co-Chair of EuROTA Club
- 2015
2017 – Chair of the National Cardiac Societies Committee of the European Heart Rhythm Association
- 2015 Member of European Academy of Sciences and Arts
- 2015- Member of the Editorial Board for the journal “Frontiers in Cardiovascular Medicine”
- 2015- Member of the Editorial Board for the journal “Advances in Interventional Cardiology”
- 2014-2016 Councillor and member of the Board of the European Society of Cardiology
- 2014- Member of the Editorial Board for the journal “World Journal of Cardiology”
- 2013
2016 – President of Workgroup of Interventional Cardiology, Hungarian Society of Cardiology
- 2013
2015 – Executive Board Member, Treasurer of the European Heart Rhythm Association
- 2013 – Non-academician General Assembly Member of the Hungarian Academy of Sciences
- 2013 – Gremium President of the professional training “Medical rehabilitation in cardiology” of Semmelweis University
- 2012 – Member of the Editorial Board for the journal “Clinical Research in Cardiology”, the official scientific journal of the German Society for Cardiology – Heart and Circulation Research)
- 2011
2016 – Member of the EuroPCR Relations Committee, EAPCI
- 2011 – Member of the Editorial Board for the journal ‘Cor et Vasa’ (Journal of the Czech Society of Cardiology and Czech Society for Cardiovascular Surgery)
- 2011 – Fellow of the American College of Cardiology (FACC)
- 2011
2013 – EHRA National Societies – Eastern Initiative Coordinator: ICD for Life

- 2010 – Member of the Credential Committee, European Society of Cardiology
2014
- 2010 – President of the Hungarian Society of Cardiology
2013
- 2011 – Member of the Cardiology Section of Professional College President of the
2016 Cardiology Section of Professional College
- 2010 – Deputy Chief in Editor of the journal: “Interventional Medicine and Applied
Science”
- 2009 – President of Students’ Scientific Association of Semmelweis University
- 2009 – Co-chairman of the National Society Committee of the European Heart Rhythm
2011 Association
- 2008 – Gremium President of the professional training “Cardiology” of Semmelweis
University
- 2008 – Editor-in-Chief of the national medical Journal “Medical Education” (founded in
1911)
- 2007 – President of the Working Group of Interventional Cardiology, Hungarian Society of
2010 Cardiology
- 2007 – Secretary of Students’ Scientific Association of Semmelweis University
2009
- 2006 – National Delegate of the Hungarian Medical Council
2009
- 2006 – Member of the Scientific and Research Ethical Board of the Health Scientific
2011 Committee
- 2006 – Member of the editorial board of Lege Artis Medicinae (LAM)
2014
- 2006 – Member of the editorial board of the Hungarian issue of JACC
- 2005 – Member of Hungarian Society of Atherosclerosis
- 2004 – Member of the Scientific Board of the Hungarian Society of Cardiology
- 2004 – Member of Committee of the Working Group of Interventional Cardiology,
Hungarian Society of Cardiology

- 2004 – Member of the Advisory Board, later member of the National Societies Board, European Heart Rhythm Association
- 2004 – President of the Working Group on Arrhythmia and Pacemaker, Hungarian Society
2007 of Cardiology
- 2001 – Fellow of the European Society of Cardiology (FESC)
- 2001 – Vice-President of the Working Group on Arrhythmia and Pacemaker, Hungarian
2004 Society of Cardiology
- 2000- Reviewer in the journal “Cardiovascular Research” and “Heart Rhythm”
- 1999 – Member of the editorial board of Progress Biomedical Research
2006
- 1998 – Member of the North-American Society of Pacing and Electrophysiology (NASPE,
Heart Rhythm)
- 1996 – National Delegate of the Working Group on Cardiac Pacing, European Society of
2004 Cardiology
- 1995 – Secretary of the Working Group on Arrhythmia and Pacemaker, Hungarian Society
2001 of Cardiology
- 1990-1996 Chairman of the Society of German and Hungarian Students and Scientists of
Heidelberg, Germany
- 1991- Member of the European Society of Cardiology, and of the Hungarian Society of
Cardiology

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