

Masaryk University	
Faculty	Faculty of Medicine
Procedure field	Internal Medicine
Applicant	doc. MUDr. Martin Fiala, Ph.D.
Applicant's home unit, institution	Faculty of Medicine, Masaryk University
<u>Board members</u>	
Chair	prof. MUDr. Jan Krejčí, Ph.D. <i>Faculty of Medicine, Masaryk University</i>
Members	prof. MUDr. Jan Janoušek, Ph.D. <i>Dětské kardiocentrum 2. LF UK a FN Motol</i> prof. MUDr. Dan Wichterle, Ph.D. <i>1. LF UK Praha, IKEM Praha</i> doc. MUDr. Petr Heinc, Ph.D., FESC <i>1. interní klinika kardiologická LF UP a FN Olomouc</i> prof. dr hab. Mariusz Pytkowski <i>2nd Department of Heart Rhythm Disorders, National Institute of Cardiology, Warszawa, Polsko</i>

Evaluation of the applicant's scholarly/artistic qualifications

Doc. MUDr. Martin Fiala, Ph.D. graduated from the Faculty of Medicine of Palacký University in Olomouc in 1988. In the period 1988-1990 he worked as a secondary physician in the internal medicine department at the Moravská Třebová Hospital. In the years 1990-2004 he worked as a secondary physician and then an assistant professor at the 1st Internal Medicine Clinic of the Olomouc University Hospital. In the years 1996-1997 he worked in London at prestigious Department of Cardiological Sciences, St. George's Hospital Medical School as a research fellow. In the period between 2002 and 2016 he worked at the Podlesí a.s. Hospital, Třinec, in the cardiology department as a physician and consultant. Since 2017 he has been working at the cardiology department, Cardiovascular Care Center, Neuron Medical Brno in the position of chief physician. Since 2004 he has also worked at the 1st Internal Medicine Clinic in University Hospital Brno.

He passed the first-degree certification in internal medicine in 1991. He completed the specialization certification in cardiology in 1997. In 2001, he defended his postgraduate dissertation entitled "Radiofrequency catheter ablation of atrial flutter type I: immediate and long-term results" and received the PhD degree. In 2009, he defended his habilitation thesis entitled "Catheter ablation of complex atrial tachyarrhythmias: focal atrial tachycardia, atrial reentry tachycardia and atrial fibrillation".

He is the first author/co-author of 135 peer-reviewed publications (26 in IF journals). First author/co-author of 125 abstracted presentations at international symposia (Heart Rhythm, ESC, EHRA, etc.) First author/co-author of 352 abstracted presentations at national symposia. Author of 182 invited lectures at national and international workshops. Total number of citations according to WOS 592, number of citations according to WOS: first or corresponding author 168, H-index according to WOS 12.

He was the principal investigator of 4 grant projects and co-investigator of other national grant projects. Principal investigator: IGA MZ NA6440-2/2001, 2001-2002. Radiofrequency catheter ablation of paroxysmal atrial fibrillation using two linear lesions in the right atrium. IGA MZ NA7217-3/2002, 2002-2004. Treatment of atrial fibrillation by complete isolation of pulmonary veins by creating a continuous encircling radiofrequency lesion on the atrial side of the venous ostium. IGA MZ NR9143-3/2007, 2007- Clinical significance of additional right atrial lesions connected to encircling and linear lesions of the left atrium in ablation treatment of chronic atrial fibrillation. IGA MZ NS/9684-4/2008 - Spectral analysis of the atrial electrogram in chronic atrial fibrillation - correlation with the sites of organization and termination of arrhythmia by catheter ablation and prospective randomized evaluation of the clinical significance of the method.

Conclusion: The applicant's scholarly/artistic capabilities **meet** the requirements expected of applicants participating in a professor appointment procedure in the field of Internal Medicine.

Evaluation of the applicant's pedagogical experience

His teaching activity is long-standing. He has been teaching regularly in Czech and English since 1998. First, he was a teacher at the Faculty of Medicine, UP Olomouc, from 2001 to 2004 an assistant professor at the Faculty of Medicine, UP Olomouc, from 2004 to 2009 an assistant professor at the Faculty of Medicine, MU, Brno. Since 2009 an associate professor at the Faculty of Medicine, MU Brno. He was a supervisor of 4 postgraduate students (Ph.D.) and one other student as an interdisciplinary consultant. He was a member of the examination board of the state doctoral exams in internal medicine, is a member of the committee for habilitation and professorial proceedings, and an opponent of a number of habilitation and dissertation theses.

He is author/co-author of one monograph and 13 chapters in monographs and textbooks.

Besides his clinical work in the catheterization laboratory, Dr. Fiala always continued his activities in research as well as teaching both inside and outside the university. He is very well appreciated for his enthusiasm to pass on his knowledge and experience to younger physicians and students from the Czech Republic and also on an international level.

Conclusion: The applicant's pedagogical capabilities **meet** the requirements expected of applicants participating in a professor appointment procedure in the field of Internal Medicine.

Evaluation of the applicant as a respected and recognized scholarly or artistic figure in a given field

Doc. Fiala is one of the pioneers of interventional arrhythmology and electrophysiology, completed a number of international internships at prestigious European institutions, participated in the establishment and development of several centers in the Czech Republic, helped to raise awareness of this treatment modality not only in the Czech Republic, but was involved in a number of international projects and gained recognition in the international context. From the beginning, he has supported the development of the field and having personally assisted in practical teaching and performing procedures not only in many other centers across Czech Republic, but as well as abroad in Hungary, Croatia and Poland. During his time in Trinec, he built a center for teaching catheter ablation of complex arrhythmias to aspiring electrophysiologists from abroad. His systematic lifelong research activity is evidenced by a number of presentations at national and major international congresses, where he has been regularly sharing the results of his work for nearly 30 years. He has made significant contributions to the understanding of complex atrial tachyarrhythmias; and in particular, his work on long-standing persistent atrial fibrillation has contributed to the understanding of the complex arrhythmia mechanisms and of the hemodynamic and potentially mortality benefits of successful ablation. Some of the publications of which he is the first author or co-author underpin some of the guidelines for the management of arrhythmias. His respect and recognition by the professional community was awarded in 2017 by his election as the first president of the newly formed Czech Heart Rhythm Association. Martin Fiala has devoted his professional life to cardiology and electrophysiology and has made significant contributions to this field.

Conclusion: The applicant **is** a respected and recognized scholarly figure in his/her field. The applicant **has** made a significant contribution to the development of his/her field. The applicant **constitutes** a leading figure in his/her field of scholarship or research.

Secret vote results

Voting took place: electronically

Number of board members		5
Number of votes cast		5
of which	in favour	5
	against	0

Board decision

Based on the outcome of the secret vote and following an evaluation of the applicant's scholarly or artistic qualifications, pedagogical experience and role as a respected and recognized scholarly or artistic figure, the board hereby submits a proposal to the Scientific Board of the Faculty of Medicine of Masaryk University to **appoint the applicant professor** of Internal Medicine.

In Brno on 03.02.2026

prof. MUDr. Jan Krejčí, Ph.D.

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