

<b>Masaryk University</b>	
<b>Faculty</b>	Faculty of Medicine
<b>Procedure field</b>	Internal Medicine
<b>Applicant</b>	MUDr. Irena Andršová, Ph.D.
<b>Applicant's home unit, institution</b>	Faculty of Medicine, Masaryk University
<b>Habilitation thesis</b>	Selected aspects of dynamic electrocardiography
<b><u>Board members</u></b>	
<b>Chair</b>	prof. MUDr. Jiří Vítovec, CSc. <i>Faculty of Medicine, Masaryk University</i>
<b>Members</b>	prof. MUDr. Jan Janoušek, Ph.D. <i>Dětské kardiocentrum 2. LF UK a FN Motol</i> prof. MUDr. Zuzana Mořovská, Ph.D. <i>Kardiologická klinika 3. LF UK a FNKV</i> doc. MUDr. Josef Šťásek, Ph.D. <i>I. interní kardiologická klinika FN HK a LF UK v Hradci Králové</i> Assoc. Prof. Larisa G. Tereshchenko, MD PhD <i>Cleveland Clinic. Department of Cardiovascular Medicine, Heart, Vascular &amp; Thoracic Institute</i>

## Evaluation of the applicant's scholarly/artistic qualifications

Irena Andršová, M.D., Ph.D., completed her studies at the Faculty of Medicine, Masaryk University, Brno, in 2007 (study program: General Medicine). After graduation, she started her clinical career at the Department of Internal Medicine and Cardiology, University Hospital Brno, Czech Republic, where she remains up to now. She gradually obtained basic modul of Internal Medicine in 2009 and a full specialized qualification in cardiology in 2012. In 2012, she received her Ph.D. degree by successfully defending her dissertation at the Faculty of Medicine, Masaryk University, Brno, on the topic "Mutation of RyR2 gene and ventricular arrhythmias". Since 2019 Dr. Andršová has been working in the position of head physician of standard ward, Department of Internal Medicine and Cardiology, University Hospital Brno, Czech Republic. The research qualification of Dr. Andršová is documented by her authorship or co-authorship of 29 articles published in medical journals. Of that number, 22 works were published in journals with impact factor (nine papers published in periodicals belonging to the Q1 and two of them in D1 in cardiology field) and in 10 of them, she was the first or corresponding author. These papers are cited in the WoS regularly (H index 9).

Irena Andršová, M.D., Ph.D., was a principal investigator in one grant project of the Czech Health Research Council (final evaluation "excellent") and a co-investigator in other five grant projects supported by the same grant agency and one supported by Ministry of Education, Youth and Sports.

Based on mentioned above, we can conclude that Dr. Andršová is an experienced clinician, university teacher, and researcher with evidenced impact on science in the field of Cardiology.

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

## Evaluation of the applicant's pedagogical experience

Irena Andršová, M.D., Ph.D., has been regularly participating in teaching pregraduate students at the Faculty of Medicine, Masaryk University, Brno, since 2011. She is the co-author of 2 teaching texts published by Grada.

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

## Habilitation thesis evaluation

Habilitation work of Dr. Andršová "Selected aspects of dynamic electrocardiography" summarizes her long-term professional interest in the field of risk stratification of sudden cardiac death and is a result of long-term teamwork with an international scope. The work is written as an annotated summary of 17 publications and is divided into three main chapters. The common denominator of all chapters is the identification of risk factors for sudden cardiac death (SCD) based on ECG. The chapters deal with various aspects of the genetic background of sudden cardiac death and the use of digital electrocardiographic recording to analyse dynamic parameters in the general population. Subsequently, it presents the possibilities of applying these invisible components of the electrocardiogram in the risk stratification of sudden cardiac death.

The habilitation thesis was reviewed by three respected experts in the field. All reviewers agreed that the habilitation thesis of Dr. Andršová presents new knowledge in the field of risk stratification of sudden cardiac death and has good scientific potential.

**Conclusion:** The applicant's habilitation thesis **meets** the requirements expected of habilitation theses in the field of Internal Medicine.

### 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 habilitation thesis, the board hereby submits a proposal to the Scientific Board of the Faculty of Medicine of Masaryk University to **appoint the applicant associate professor** of Internal Medicine.

In Brno on 24.10.2024

prof. MUDr. Jiří Vítovec, CSc.

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