

Masaryk University	
Faculty	Faculty of Medicine
Procedure field	Internal Medicine
Applicant	MUDr. Kristián Brat, Ph.D.
Applicant's home unit, institution	Faculty of Medicine, Masaryk University
Habilitation thesis	Prognosis Assessment in Patients with Chronic Obstructive Pulmonary Disease - Practical Outcomes for Clinical Practice
Board members	
Chair	prof. MUDr. Miroslav Souček, CSc. <i>Faculty of Medicine, Masaryk University</i>
Members	doc. MUDr. Ivan Solovič, CSc. <i>Národní ústav tuberkulózy, plicnych chorôb a hrudníkovej chirurgie Vyšné Hágy, SR</i> doc. MUDr. Milan Teř, Ph.D. <i>Klinika pneumologie a ftizeologie Lékařské fakulty v Plzni UK a FN Plzeň</i> Assoc. Prof. Arschang Valipour <i>Department of Respiratory and Critical Care Medicine, Karl-Landsteiner-Institute for Lung Research and Pulmonary Oncology Vienna Health Care Group Klinik Floridsdorf, Austria</i> prof. MUDr. Martina Koziar Vašáková, Ph.D. <i>Pneumologická klinika 1. LF UK a FTN v Praze</i>

Evaluation of the applicant's scholarly/artistic qualifications

MUDr. Kristián Brat, Ph.D., graduated at the Faculty of Medicine of Masaryk University in Brno, (study program: general medicine) in 2007. After his graduation, he started his early career at the Department of Pulmonary Diseases and Tuberculosis of the University Hospital in Brno and the Faculty of Medicine of Masaryk University, where he still works today. In years 2017 and 2018 he worked as the head physician of the ICU, in years 2018-21 as the head of the department, currently he is the deputy head for science and research. His main clinical and research interests include pleural diseases and interventions, bronchology, chronic obstructive pulmonary disease, intensive care in pneumology, the use of spirometry in the differential diagnosis of lung diseases, pneumo-oncology, but also the adaptation of the human organism to extreme climatic conditions of polar regions. In February 2018, he gained his Ph.D. degree at the Faculty of Medicine, Masaryk University, his title of dissertation thesis was: "Effects of a Stay at Polar Regions on Human Health". The sum of scholarly journal publications and citations exceeds the recommended habilitation standards of the Faculty of Medicine, Masaryk University. Currently, MUDr. Kristián Brat, Ph.D. is the author of 42 scholarly journal articles based on international, national and multidisciplinary cooperation, of these, 21 publications are in journals with a WoS impact factor, and in 14 of these publications, he's the first or corresponding author. Ten articles were published in a journal with an IF above the median of the WoS category. Current sum of citations of MUDr. Brat's scholarly articles is 74 citations according to WoS and 90 according to SCOPUS. The current H-index of the applicant is 5 (according to WoS). Dr. Brat is involved in a total of 4 research grant projects of the Czech Health Research Council of the Ministry of Health of the Czech Republic, of these 1x in the position of main recipient/investigator, 2x in the position of co-recipient/co-investigator and 1x in the position of collaborator. Dr. Brat is a regular reviewer for the following scholarly journals: Respiratory Research (WoS Q2), International Journal of Chronic Obstructive Pulmonary Disease (WoS Q2), Journal of Asthma and Allergy (WoS Q2), World Journal of Clinical Cases (WoS Q3), Biomedical Papers (WoS Q4) and Studia Pneumologica et Phthiseologica (SCOPUS). He is also a member of the Expert Body of Evaluators of the Research, Development and Innovation Council of the Government of the Czech Republic. Between years 2014 and 2020, dr. Brat was granted a total of 7 publication awards by the Czech Pneumological and Phthisiological Society and by the Czech Society of Anesthesiology, Resuscitation and Intensive Medicine for his scholarly journal publications.

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

Since 2011, MUDr. Kristián Brat, Ph.D. participates in regular teaching of pregraduate students of the master's degree program in general medicine and dentistry at the Faculty of Medicine, Masaryk University. He works as an assistant professor and teaches Internal Medicine block 2 - Pneumology (5th year of the master's degree program). He is a member of the State Examination Committee the subject Internal Medicine. Regarding doctoral studies, MUDr. Brat is a supervisor of three doctoral students in the field of Internal Medicine at the Faculty of Medicine, Masaryk University. He also regularly participates (as a lecturer) in postgraduate training in the fields of adult Respiratory Medicine and Internal Medicine. Dr. Brat is a co-author of two peer-reviewed chapters in a scholarly book and one chapter in a textbook.

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

The applicant submitted a habilitation thesis entitled "Prognosis Assessment in Patients with Chronic Obstructive Pulmonary Disease – Practical Outcomes for Clinical Practice." The habilitation thesis is composed of 6 previously published scholarly articles, of these, five works are original articles and one is a national guideline. The individual works are mainly devoted to the prognostic properties of various variables in relation to the long-term prognosis of a patient with COPD. These scholarly works are further commented on in the habilitation thesis both in the form of a general introduction and also in the form of specific comments. The habilitation thesis was reviewed by three respected experts in the field of Respiratory Medicine. Both the three reviewers agreed that the habilitation thesis of Dr. Brat is written in a clear language, presents new knowledge in the field of Respiratory Medicine and has good scientific potential. Based on all of the three reviews, the presented habilitation thesis meets the standard requirements for habilitation theses in the field of Internal Medicine at the Faculty of Medicine, Masaryk University.

Conclusion: The applicant's habilitation thesis **meet** 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 20.10.2021

prof. MUDr. Miroslav Souček, CSc.

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