

Masaryk University	
Faculty	Faculty of Science
Procedure field	Experimental animal biology
Applicant	doc. Mgr. Lukáš Kubala, Ph.D.
Applicant's home unit, institution	Faculty of Science, Masaryk University
Board members	
Chair	prof. Mgr. Vítězslav Bryja, Ph.D. <i>Faculty of Science, Masaryk University</i>
Members	prof. MUDr. Tomáš Freiburger, Ph.D. <i>Faculty of Medicine, Masaryk University</i> prof. RNDr. Zdeněk Dvořák, DrSc., Ph.D. <i>Department of Cell Biology and Genetics, Faculty of Science, Palacký University Olomouc</i> prof. Ing. Peter Šebo, CSc. <i>Institute of Microbiology of the Czech Academy of Sciences</i> Assoc. Prof. Irma Schabussová, Ph.D. <i>Institute of Specific Prophylaxis and Tropical Medicine, Medical University of Vienna, Austria</i>

Evaluation of the applicant's scholarly/artistic qualifications

Lukáš Kubala started his scientific career in 1996; thus, the evaluation period covers 28 years. The work of Lukáš Kubala focuses on different aspects of immune system regulation with significant contribution towards practical application. During this period, he has published 217 papers listed in WoS (142 without abstracts), 53% of which are in Q1 journals. His publication output has been consistently increasing, with an average of 7 papers per year over the past 10 years. At the time of application, he had achieved 3,537 citations (excluding self-citations) and reached an h-index of 33, indicating the significant impact of his work. Additionally, his ability to build both national and international collaborations is a key element of his successful career. L. Kubala has published with major international collaborators from institutions as diverse as the University of Pittsburgh (USA), the University of Cologne (Germany) and the University of Turku (Finland). His international contacts have also been enhanced by several years of postdoctoral experience at the University of California (USA). It is widely acknowledged that international postdoctoral experience is crucial for a successful scientific career. His time in the United States also resulted in his co-authorship of the patent "Soluble Epoxide Hydrolase Inhibitors Prevent Acute Septic Inflammation."

L. Kubala is a frequent recipient of prestigious grants, both at the national (e.g., from the Grant Agency of the Czech Republic, and the Ministry of Education and Science) and international (German Academic Exchange Service - DAAD) level. This is an indirect and important indication of the high quality of science he performs.

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

Evaluation of the applicant's pedagogical experience

In addition to his research activities, the committee was impressed by L. Kubala's extensive teaching experience, which began in 2006 at Masaryk University. Here he provides key lectures in immunology. The number of subjects taught demonstrates a significant teaching load. L. Kubala constantly transfers his insights and scientific knowledge to students, especially in immunology-oriented lectures and seminars. To date, L. Kubala has supervised 16 PhD students who have successfully obtained their PhD degrees and is currently supervising four more. He has also supervised numerous undergraduate and graduate students. Several of his students have obtained prestigious academic positions, demonstrating his ability to guide and inspire the next generation in the fields of immunology, inflammatory processes, and oxidative stress.

The committee has recognized the key role of Lukáš Kubala in establishing and shaping the specialization "Immunology" as part of the master's program "Experimental Animal Biology". Formation of this focused, yet absolutely crucial, specialization required a significant restructuring of the existing immunology-oriented courses and the setup of the new ones. His leading role in this process clearly justifies importance of L. Kubala in strategic shaping of the relevant parts of the Faculty of Science at Masaryk University.

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

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

In terms of service to academia and society, L. Kubala has served in recent years as a member and also as a chairman of a panel at the Grant Agency of the Czech Republic. He is also a member of several scientific societies, such as the Czech Society of Immunology and the Czech Society for Analytical Cytometry. He has successfully (co-)organized several Czech and international conferences or workshops (e.g., European workshop on phagocyte function analysis). During his career he has received several awards, among which the committee

highlights e.g., the Praemium Academiae Otto Wichterle Award, which he received in 2007. His expertise and organizational abilities have led to his appointment as Head of the Department of Biophysics of Immune System at the Biophysics Institute of the Academy of Sciences of the Czech Republic in 2016.

Based on the experience of many committees assessing applications for promotion to full professor at multiple universities, the evaluation committee concludes that the output level of the work of L. Kubala is of an excellent standard. This assessment is based on both in terms of quality and quantity, in all three areas (research, education and service to the academic community and societal involvement). The committee therefore strongly recommends that L. Kubala gets promoted to a full professor.

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 Science of Masaryk University to **appoint the applicant professor** of Experimental animal biology.

In Brno on 19.04.2024

prof. Mgr. Vítězslav Bryja, Ph.D.