

<b>Masaryk University</b>	
<b>Faculty</b>	Faculty of Medicine
<b>Procedure field</b>	Surgery
<b>Applicant</b>	MUDr. Zdeněk Chovanec, Ph.D.
<b>Applicant's home unit, institution</b>	Faculty of Medicine, Masaryk University
<b>Habilitation thesis</b>	Diagnostic and therapeutic management of lung cancer and postoperative complications
<b><u>Board members</u></b>	
<b>Chair</b>	prof. MUDr. Zdeněk Kala, CSc. <i>Faculty of Medicine, Masaryk University</i>
<b>Members</b>	prof. MUDr. Anton Džian, PhD. <i>Klinika hrudníkové chirurgie, Jesseniova lékařská fakulta v Martine Univerzita Komenského v Bratislave</i> Assoc. Prof. József Furák, MD PhD <i>Department of Thoracic Surgery, University of Szeged, Hungary</i> prof. MUDr. Robert Lischke, Ph.D. <i>III. chirurgická klinika 1. LF UK a FN Motol</i> prof. MUDr. Čestmír Neoral, CSc. <i>Chirurgická klinika LF UP a FN Olomouc</i>

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

MUDr. Zdeněk Chovanec, Ph.D., is the first or corresponding author of 15 original papers, 7 of which are published in impacted journals (impact factor 1.478, 0.456, 3.400, 3.300, 0.400, 0.700, 0.100). Three of his original publications exceed the required impact factor of 0.5, which is one of the conditions for the candidate's scientific qualification. The remaining eight original papers were published in domestic and foreign journals. The habilitation candidate is also the co-author of another 31 publications, 11 of which are in impact journals. Among these works, the publication in the ERJ OPEN RESEARCH journal with an impact factor of 4.300 stands out. In terms of other publishing activities, he is one of the main authors of the book CHIRURGIE (SURGERY), a book intended for undergraduate and postgraduate education, and one separate chapter in a specialist book publication, as well as three textbooks and interactive syllabuses for medical faculty students. According to Web of Science, MUDr. Zdeněk Chovanec, Ph.D., has been cited a total of 27 times. During his professional career, he has worked on one scientific project as a co-researcher. He has collaborated on two grants awarded by the Czech Health Research Council, one of which received the Minister of Health Award for Medical Research and Development 2025 (Breathing muscle training as a method of prehabilitation before lung surgery), and on four educational development projects. He is a member of several professional societies, including those for oncological surgery and thoracic surgery. In conclusion of the evaluation of the candidate's scientific qualifications, it should be noted that he has presented a large number of conference abstracts, both domestically and abroad. At international congresses, he has won two awards: one for the best presentation and another for the best oncological research. He has organized a total of 16 workshops for young surgeons, 10 of which he was the main guarantor.

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

### Evaluation of the applicant's pedagogical experience

Since 2014, MUDr. Zdeněk Chovanec, Ph.D., has been working as an assistant professor at the Faculty of Medicine of Masaryk University, and since 2019, he has been teaching courses in Surgical Propaedeutics, Surgery, Differential Diagnosis in Surgery, and Pre-graduation Practice. The habilitation candidate has extensive teaching experience and continues to develop his skills. He is the supervisor of one doctoral student. During the evaluation of the candidate's scientific qualifications, several important publications that are also of pedagogical significance were highlighted. It should be noted that MUDr. Zdeněk Chovanec, Ph.D., is not only the author of textbooks but also a supervisor in postgraduate education, including international courses: Basics of Laparoscopy on Box and Virtual Simulators, Surgical Suture in Abdominal Surgery and Chest Trauma, and Anatomical Course on Inguinal Hernia on Fresh Frozen Cadavers. He is a popular teacher among students at the Faculty of Medicine of Masaryk University.

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

### Habilitation thesis evaluation

MUDr. Zdeněk Chovanec, Ph.D., wrote his habilitation thesis on the topic of Diagnostic and Therapeutic Management of Bronchogenic Carcinoma and Postoperative Complications. Lung cancer is one of the most common forms of cancer, with a growing incidence worldwide and high mortality, and surgical treatment is an irreplaceable modality in its therapy. The theoretical introduction is reasonably comprehensive and addresses the issue of lung cancer treatment, particularly from a surgical perspective. The practical part is based on six scientific papers that complement each other thematically and cover key areas of diagnostics, surgical techniques, and preoperative management of patients with

lung cancer with predictions of postoperative complications. The individual papers' conclusions aim for practical application. The bibliography encompasses a wide range of current topics and includes sufficient references to both domestic and foreign publications.

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

### 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 Surgery.

In Brno on 02.03.2026

prof. MUDr. Zdeněk Kala, CSc.

