

Masaryk University	
Faculty	Faculty of Medicine
Procedure field	Surgery
Applicant	MUDr. Alica Hokynková, Ph.D.
Applicant's home unit, institution	Faculty of Medicine, Masaryk University
Habilitation thesis	Multi-modal perspectives on pressure ulcers (Collection of previously published scholarly works)
<u>Board members</u>	
Chair	prof. MUDr. Jiří Veselý, CSc. <i>Faculty of Medicine, Masaryk University</i>
Members	doc. MUDr. Zdeněk Dvořák, Ph.D. <i>Faculty of Medicine, Masaryk University</i>
	doc. MUDr. Jozef Fedeleš, CSc. <i>Klinika plastickej chirurgie LF UK, UNB, Nemocnica Ružinov</i>
	Prof. Amit Gefen <i>Department of Biomedical Engineering, Faculty of Engineering, Tel Aviv University, Tel Aviv, Israel</i>
	doc. MUDr. Ondřej Měšťák, Ph.D. <i>Klinika plastické chirurgie 1. LF UK a FN Bulovka</i>

Evaluation of the applicant's scholarly/artistic qualifications

MUDr. Alica Hokynková, Ph.D. focuses her clinical and scientific activities on the field of hard-to-heal wounds and pressure ulcers in the context of reconstructive surgery, with particular emphasis on nutritional, metabolic, and biochemical factors influencing wound healing and their impact on surgical outcomes. She is the author or co-author of 54 scientific publications, including 23 articles indexed in the Web of Science database. In 14 cases, she is the first or corresponding author in impact-factor journals, with publications also appearing in Q1 and Q2 journals. The total number of citations according to Web of Science is 126, with an H-index of 6. Her scientific work is characterized by a strong connection between experimental research and clinical practice, particularly in the areas of nutritional optimization, the role of oxidative stress in wound healing, and the application of modern approaches, including artificial intelligence, in risk prediction and clinical decision-making. MUDr. Hokynková is a co-investigator of the grant project AZV "The role of oxidative stress in the healing of pressure ulcers in patients with spinal cord lesions" (NU21-09-00541, 2021–2024).

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

MUDr. Alica Hokynková, Ph.D. began her teaching activities at the Faculty of Medicine, Masaryk University, at the Department of Burns and Plastic Surgery, University Hospital Brno, where she has been continuously involved in teaching medical students. She actively participates in teaching surgical disciplines through practical training and lectures and contributes to the supervision of students in clinical practice. She is a co-author of the educational textbook "Komplexní léčba dekubitů", which serves as a multimedia support for teaching in clinical and healthcare disciplines. Furthermore, she is the author of chapters focused on perioperative care and has contributed to the professional revision of translations of Clinical Practice Guidelines for the prevention and treatment of pressure ulcers. She is also a lecturer in a certified wound healing course and participates in postgraduate and specialization education at NCO NZO in the field of wound healing. In her teaching activities, she effectively integrates current scientific knowledge with clinical practice and actively contributes to the education of both students and healthcare professionals.

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

The habilitation thesis of MUDr. Alica Hokynková, Ph.D. entitled "Multi-modal perspectives on pressure ulcers" represents a comprehensive collection of published works focused on the complex issue of pressure ulcers, including surgical treatment, nutritional aspects, oxidative stress research, and modern approaches such as artificial intelligence. The work is based on long-term clinical experience and systematically integrates experimental findings with clinical practice. It emphasizes the importance of a comprehensive, multimodal approach to the patient, including nutritional optimization and prevention of complications. The thesis is characterized by methodological breadth, a clearly identifiable personal contribution of the author, and the ability to translate research findings into everyday clinical practice. The work reflects a long-term, conceptually driven scientific direction. Its results contribute to a better understanding of factors influencing wound healing and have a direct impact on optimizing clinical decision-making. The reviewers agree that the work represents a significant and original contribution and meets the requirements for habilitation theses in the field of Surgery.

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 25.04.2026

prof. MUDr. Jiří Veselý, CSc.

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