

Masaryk University	
Faculty	Faculty of Medicine
Procedure field	Stomatology
Applicant	MUDr. et MUDr. Jan Štebárek, Ph.D.
Applicant's home unit, institution	Klinika ústní, čelistní a obličejové chirurgie FNO a LF OU
Habilitation thesis	Connecting preclinical and clinical research of orofacial area
<u>Board members</u>	
Chair	prof. MUDr. Lydie Izakovičová Hollá, Ph.D. <i>Faculty of Medicine, Masaryk University</i>
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Evaluation of the applicant's scholarly/artistic qualifications

Jan Štebárek, MD., MD., Ph.D., completed his studies at the Faculty of Medicine, Masaryk University, Brno, in 2006 (study program Dentistry) and in 2007 (study program General Medicine). After graduation, he started his clinical career at the Clinic of Stomatology, Faculty of Medicine and St. Anne's University Hospital, where he worked till 2009. Since this year he is working at the Department of Maxillofacial Surgery, Faculty of Medicine, and University Hospital Ostrava. In addition, since 2006, he has also been working in the Laboratory of molecular morphogenesis CAS Brno, as a research worker. In 2013, he received his Ph.D. degree by successfully defending his dissertation at Faculty of Medicine, Masaryk University and Institute of Animal Physiology and Genetics CAS Brno, on the topic "The pig as an experimental model of the orofacial region". In 2016, he obtained specialized qualification in the Oral and Maxillofacial Surgery. Dr. Štebárek held the position of deputy head of the Department of Maxillofacial Surgery University Hospital Ostrava from 2016 and is an assistant professor at the Department craniofacial fields of the Faculty of Medicine, University Ostrava.

The research qualification of Dr. Štebárek is documented by his authorship or co-authorship of 44 articles published in medical journals, and in 13 of them, he was the first or corresponding author. Of that number, 25 articles were published in journals with impact factor, and in 8 of them, he was the first or corresponding author. Dr. Štebárek lists 4 publications on the median field, these are journals in the field of habilitation (Stomatology/Dentistry), but also has 9 more publications above the median, but also has 9 more publications above the median in other fields (including zoology, veterinary medicine, genetics and heredity, but also oncology and physiology). He also presented his contributions at multiple national and foreign conferences. The number of citations according to WOS is 269, the value of his Hirsch index is equal to 8.

Dr. Štebárek is a principal investigator in one already-finished grant project of the Grant Agency of the Czech Republic (GAČR) and co-investigator of three grant projects of the Czech Health Research Council. He also participated in three grant projects as a member of teams. Over the years he completed several foreign internships and courses.

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

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

Evaluation of the applicant's pedagogical experience

Jan Štebárek, MD., MD., Ph.D., has been regularly participating in teaching pregraduate students (study program Dentistry) at the Faculty of Medicine, Masaryk University, Brno, since 2006 till 2013. Since 2020, he has also been involved in teaching students at the Faculty of Medicine, University Ostrava (study program General Medicine). He is also currently an assistant professor at the Department of Craniofacial Sciences at the Faculty of Medicine of the University Ostrava. He is a co-author of 1 monography and author of 3 other chapters in educational publications.

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

Habilitation thesis evaluation

The habilitation work of Dr. Štebárek "Connecting preclinical and clinical research of orofacial area" summarizes his long-term professional interest in the field of Stomatology. The work is written as an annotated summary of 12 publications focused on three main topics: a) cell and molecular-genetic (Odontogenesis and its possible influence on the formation of odontogenic tumors), b) experimental surgery (Experimental

surgery in the area of the temporomandibular joint), and c) clinical research based on a multidisciplinary approach (Retromarginal orbital fractures). The knowledges obtained, especially in the 2nd and 3rd topics, can be used realistically in clinical treatment-preventive activities. Demonstrating a suitable way of connecting preclinical and clinical research, the author then outlined the desired direction of development in the field of oral and maxillofacial surgery.

The habilitation thesis was reviewed by three respected experts in the field of stomatology or developmental biology/histology of teeth. All reviewers agreed that the habilitation thesis of dr. Štebáček presents new knowledges in the field of dentistry, meets the standard requirements and has good scientific importance.

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

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 Stomatology.

In Brno on 15.12.2023

prof. MUDr. Lydie Izakovičová Hollá, Ph.D.

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