

CV: Prof. Ondřej SLABÝ, Ph.D. (15.6.1981)

EDUCATION:

- 2005 M.Sc. (Biochemistry), Masaryk University, Faculty of Science, Brno, CZ
2008 RNDr. (Biochemistry), Masaryk University, Faculty of Science, Brno, CZ
Rigorous thesis „Usage of gene expression profiles for prognosis prediction of colorectal cancer patients“
2008 PhD (Oncology), Masaryk University, Faculty of Medicine, Brno, CZ
Dissertation thesis: „Usage of DNA microarrays and microRNA profiling in the colorectal cancer research“
Supervisor: prof. Rostislav Vyzula, M.D., Ph.D.
2013 Associated Professor of Biochemistry, Masaryk University, Faculty of Science, Brno, CZ
2017 Elected as a Fellow of Royal Society of Biology 2016 (entitled to use designatory letters FRSB after my name)
2018 Professor of Medical Biochemistry, Charles University, Prague, CZ

PROFESSIONAL EXPERIENCE:

- 2003-2005 Diploma thesis, Laboratory of Molecular Psychiatry, Masaryk University, Faculty of Science, Brno, CZ
2005-2009 research assistant, Masaryk Memorial Cancer Institute (MMCI), Department of Oncological and Experimental Pathology, Laboratory of Predictive Oncology, Brno, CZ
2008-to present Lecturer, Masaryk University, Faculty of Science, Brno, CZ
Course: Introduction to Molecular Medicine + Practical Course
2009-to present Research assistant, Associated Professor (since 2013), Professor (since 2018) at Department of Comprehensive Cancer Care, MMCI, Brno, CZ
2010-to present Science Secretary of MMCI, Brno, CZ
2011-to present CEITEC – research group leader (programme: Molecular Medicine)
2015-to present Associated Professor (2015-2018), Professor (since 2018), Charles University, 1st Faculty of Medicine
Course: Molecular Medicine
2016 (Mar-Jun) Visiting Professor at Rockefeller University, NY (Laboratory of prof. Vince Fischetti)
2016-to present Professor, Department of Pediatric Oncology, Institutions shared with the University Hospital Brno (paediatric medicine), Faculty of Medicine
2016-to present Professor, Department of Surgery, Institutions shared with the University Hospital Brno, Adult Age Medicine, Faculty of Medicine
2019-to present Head of the Molecular Pathology Dept., University Hospital Brno

RESEARCH INTEREST AND RELEVANCE FOR THE PROJECT:

Professor of Medical Chemistry and Biochemistry

PhD in Oncology

Group leader – CEITEC Masaryk University, CZ; Programme Molecular medicine, Ondrej Slaby Research Group
Research areas: Non-coding RNAs: their biology and involvement in carcinogenesis, their significance in solid cancer pathogenesis and identification of new therapeutic targets, their application in solid cancer diagnostics and individualization of therapy

Holder of the Certificate of competency according to § 17 of the Act No. 246/1992 coll. on protection animals against cruelty in present statues at large

PUBLICATION SUMMARY (DECEMBER 2019):

ResearcherID: E-1082-2012
ORCID ID: 0000-0002-8450-0584
Scopus ID: 56399367800
Number of papers (WoS): 152
Times cited (WoS): 4449
without self-citations (WoS): 4280
H-index (WoS): 35

PRIZES AND AWARDS:

2010, 2012 Annual Award of the Czech Society for Oncology
2014 Czech Minister of Health Award

2015 Award of the rector of Masaryk University, Brno
2016 Czech Minister of Health Award
2017 Elected as a Fellow of Royal Society of Biology 2016 (entitled to use designatory letters FRSB after my name)
2017 Annual Novartis Discovery Award

AD HOC REFEREE FOR:

Journals:

Peer-reviewer: Nature Communication, Cancer Research, European Journal of Cancer, British Journal of Cancer, Carcinogenesis, PLoS ONE, Expert Opinion on Therapeutic Targets, Expert Review of Anticancer Therapy, Expert Review of Molecular Diagnostics, Oncology, Annals of Surgical Oncology, Cancer Science, Human Pathology, Endocrine, Tumor Biology, Bioanalysis, Biomarkers in Medicine, Current Pharmacogenomics and Personalized Medicine, World Journal of Gastrointestinal Oncology, Cellular Immunology, Klinická onkologie, Recent Patents on DNA and Gene Sequence, Cancer Epidemiology, Journal of Clinical and Experimental Cancer Research.

Grant agencies:

AZV MZ ČR (Czech Health Research Council, Ministry of Health of the Czech Republic), GAČR (Czech Science Foundation), MŠMT ČR (Ministry of education, youth and sports of the Czech Republic), Cancer Research UK, WellcomeTrust, Worldwide Cancer Research (former AICR), The Netherlands ZonMw, Hungarian OTKA, Health Research Board (HRB) Ireland, Broad Medical Research Program (BMRP), VEGA SAV SK, GAUK etc.

COMMISSIONS OF TRUST:

Editorial Board Member of Journals: PLoS ONE (IF=2.776), World Journal of Gastroenterology (IF=3.411), World Journal of Gastrointestinal Oncology (IF=2.758), Current Pharmaceutical Design (IF=2.412), MicroRNA, Cancer Translational Medicine, Biomarker Research and Klinicka onkologie.
Associate Editor in Frontiers in Genetics (IF=3.517).

PROFESSIONAL MEMBERSHIPS

Head of the Czechoslovak Biological Society, Head of the Cancer Biology Section of the Czechoslovak Biological Society, Scientific secretary of the Neurooncological section of Czech Oncological Society, Member of the Scientific Board at Masaryk Memorial Cancer Institute, Chair of the Oncology board of National Health Council (AZV CR), Member of the Clinical and preclinical research, experimental medicine grant committee of Czech Science Foundation, Member of the Scientific Board at 1st Faculty of Medicine, Charles University, Prague, Member of the Oncological board for PhD studies at Masaryk University, Brno

Member of: American Association for Cancer Research, European Association for Cancer Research, Czech Society of Oncology (co-founder of Neurooncology division), Czech Society for Analytical Cytology, Czechoslovak Biological Society (founder of Cancer biology division), Czech Society for Biochemistry and Molecular Biology (member of FEBS), Member of Genetical Society of Gregor Mendel

PATENT FAMILIES / GRANT PROJECTS:

Author of 1 european patent and 4 national utility models.

Investigator of 23 national projects (6 of them as Principle Investigator) and coordinator of international RISE-HORIZON 2020 project.

INTERNATIONAL CONTACTS AND RECOGNITION:

Prof. George Calin, MD Anderson Cancer Center, TX, USA

Assoc. Prof. Martin Pichler, MD, MSc, PhD, Medical University of Graz, Austria

Prof. Vince Fischetti, Rockefellerova Univerzita, NY, USA

Dr. Massimo Negrini, University of Ferrara, Ferrara, Italy

Prof. Klaus Jung, MD, PhD, Charite Hospital, Berlin, Germany

Dr. Markus Kretz, University of Regensburg, Regensburg, Germany

Prof. Klaus Pantel, Institute of Tumour Biology, University Medical Centre Hamburg-Eppendorf, Germany