

Radislav Sedlacek



Member of the IHI JU
States Representatives Group

Director of the Czech Centre for
Phenogenomics, the large research
infrastructure

Institute of Molecular Genetics

Radislav Sedláček, PD Dr. rer. nat. habil. (Assoc. Prof., Ph.D.)

PROFESSIONAL CAREER:

- Since 2012 Director of Czech Centre for Phenogenomics, the large national research infrastructure; Head, the research program Functional Genomics in BIOCEV;
- since 2008 Head, the Dept. of Transgenic Models of Diseases; Head, the Transgenic core facility, Institute of Molecular Genetics, Academy of Sciences of the Czech Republic, Prague;
- 2006-2007 Associate Professor, group leader, Dept. of Biochemistry, University Kiel, Germany;
- 2000-2006 Assistant Professor, group leader, Dept. of Biochemistry, University of Kiel, Germany;
- 1997-2000 Postdoc, group Leader. Dept. of Immunology, University of Konstanz, Germany

EDUCATION:

- 2006 habilitation in Biochemistry, Dept. of Biochemistry, Medicine, University Kiel, Germany
- 1997 Ph.D. (Dr. rer. nat.), *summa cum laude*, Dept. of Immunology, University Konstanz, Germany
- 1992 M.S. Faculty of Science, Molecular biology and genetics, Masaryk University, Brno

R. Sedlacek (RS) is focused on functional analysis of gene functions and in 2022-2022 he was the chair of the steering committee of IMPC, a worldwide consortium aiming to produce a genome-wide catalogue of gene function data that enable therapeutic discovery and genomic medicine. RS served (2020-2021) as a chair of the Strategic Working Group for Health and Food. RS served as a deputy director of IMG for building the BIOCEV centre of excellence and was a key person in building this center as well as following major funding for the operation. RS's research is devoted to cutting-edge genome editing technologies and in-deep phenotyping of an animal model to uncover novel genetic mechanisms of human diseases. Current focus develops beyond the precise animal models - towards gene therapies as well as preclinical development.

MEMBERSHIPS, COMMITTEE INVOLVEMENT AND FUNCTIONS:

- chair of the Health and Food Strategic Working Group (HF TWG); ESFRI, the European Strategy Forum on Research Infrastructures; European Commission (2020-2021)
- Member of the Health and Food Strategic Working Group (HF TWG); ESFRI (since 2014)
- Chairperson of the Council, European research infrastructure INFRAFRONTIER GmbH (2018-2020)
- member the Council, European research infrastructure INFRAFRONTIER GmbH (2016-2018)
- Member of the Council for Large Infrastructures for research, development, and innovation, MEYS
- Member of EASAC (European Academies Science Advisory Council) Genome Editing Working Group
- IMPC Steering Committee member (International Mouse Phenotyping Consortium)

PUBLICATION ACTIVITY

total 165 (peer reviewed) publications, 3703 citations, h index 32 (Scopus, 2024 January)