

prof. RNDr. Jan Kovář, DrSc.

**Personal:**

- Born May 5, 1952 in České Budějovice (Czechoslovakia)
- Citizen of the Czech Republic
- Married, 2 children

**Education and Degrees:**

- Graduated in Biology (cum laude), Faculty of Science, Charles University, Prague (1975)
- Degree RNDr. (Rerum Naturalium Doctor), Charles University, Prague (1978)
- Degree Csc. corresponding to the degree PhD, Czechoslovak Academy of Sciences, Prague (1982)
- Degree Doc. corresponding to Associate Professor, Charles University, Prague (2000)
- Degree DrSc. corresponding to the degree DSc, Slovak Academy of Sciences, Bratislava (2002) (Thesis: Role of iron in the control of proliferation and apoptosis of tumor cells)
- Degree Professor (Professor of Cell and Developmental Biology), Charles University, Prague (2007)

**Positions:**

- Scientist, Institute of Molecular Genetics, Czechoslovak Academy of Sciences, Prague (1983 – 1988)
- Senior scientist, Institute of Molecular Genetics, Czechoslovak Academy of Sciences, Prague (1988 – 1990)
- Head of Cell Growth Control Laboratory, Institute of Molecular Genetics, Academy of Sciences of the Czech Republic, Prague (1991 – 2006)
- Head of the Division of Cell and Molecular Biology, Third Faculty of Medicine, Charles University, Prague (2003 – present)
- Associate professor, Third Faculty of Medicine, Charles University, Prague (2000 – 2007)
- Professor (of cell and developmental biology), Third Faculty of Medicine, Charles University, Prague (2007 – present)

**Postdoctoral Training:**

- Imperial Cancer Research Fund Laboratories, London, UK (1 month, 1985)
- The Salk Institute, Cancer Biology Lab, San Diego, USA (3 months, 1986)
- National Jewish Center for Immunology and Respiratory Medicine, Division of Basic Sciences, Denver, USA (1 year, 1988 – 1989)
- University of Iowa, Department of Pathology, Iowa City, USA (2 years, 1993 – 1995)
- University of Iowa, Department of Pathology, Iowa City, USA (2 months, 1998)

**Research interests:**

- Cyclic nucleotides and cell growth control in vitro (1978 – 1981)
- Cell proliferation in vitro in chemically defined serum-free media (1981 – 1986)
- Hybridoma techniques (1982 – 1988)
- Role of iron metabolism and transport in cell proliferation control (1986 – 1998)
- Molecular mechanism of apoptosis induction: iron deprivation, effect of taxanes, effect of fatty acids (1995 – present)

**Publication activity:**

- Publications: 119
- Publications with IF: 76
- Patents: 5
- Citations: 800
- H-index: 17

**Teaching:**

- Course „Cell Proliferation“, Faculty of Science, Charles University, Prague (1991 – present)
- Course „Cell and Molecular Biology“, Third Faculty of Medicine, Charles University, Prague (1998 – 2011)
- Course „Cellular Basis of Medicine“, Third Faculty of Medicine, Charles University, Prague (2011 – present)
- Supervisor of 9 diploma students, Institute of Molecular Genetics, Academy of Sciences of the Czech Republic, Prague & Third Faculty of Medicine, Charles University, Prague (1983 – 2014)
- Supervisor of 13 PhD students, Institute of Molecular Genetics, Academy of Sciences of the Czech Republic, Prague & Third Faculty of Medicine, Charles University, Prague (1991 – present)
- Member of various faculty committees (1984 – present)
- Member of the University Council for PhD studies in Cell and Developmental Biology, Charles University, Prague (1991 – present)
- Vicechair of the University Council for PhD studies in Molecular and Cell Biology, Genetics and Virology, Charles University, Prague (2009 – present)

**Honors and Awards:**

- Premium of the Czech Literary Fund (1982)
- Travel „Eastern European Award“ (from the European Tissue Culture Society) (1993)
- Travel „Rhoda Erdmann Award“ (from the German branch of the European Tissue Culture Society) (1993)
- Travel „John-Paul Award“ (from the European Tissue Culture Society) (1999)

**Professional Committees:**

- Member of the Slovak Committee for DSc dissertations in oncology (2004 – present)

**Grant Agencies:**

- Grant Agency of the Academy of Sciences of the Czech Republic: member of the Committee for Medical Sciences and Molecular Biology (1999)
- Grant Agency of the Academy of Sciences of the Czech Republic: chairman of the Committee for Medical Sciences and Molecular Biology (2001 – 2003)
- Czech Science Foundation: member of the Panel for Molecular, Cell, Structural and Developmental Biology and Bioinformatics (2013 – 2014)
- Czech Science Foundation: chairman of the Panel for Molecular, Cell, Structural and Developmental Biology and Bioinformatics (2014 – present), chairman of the Committee for Medical and Biological Sciences (2015 – present)

**Editorial Board:**

- Cell Proliferation (Blackwell Publishing, Oxford, UK): member of the editorial board (2005 – present)

**Professional Societies:**

- European Cell Proliferation Society (1983 – present): council member (2004 – present)
- European Tissue Culture Society (1990 – present)
- European Iron Club (1996 – present)
- European Cell Death Organization (2006 – present)
- International BioIron Society (2006 – present)
- International Cell Death Society (2011 – present)
- Tissue Culture Association (USA) (1990 – present)
- Czechoslovak Biological Society (1985 – present)
- Czech Oncological Society (Tissue Culture Committee) (1978 – present)
- Czech Society for Biochemistry and Molecular Biology (1979 – present)