

Curriculum Vitae

Assoc. Prof. RNDr. Jiří Vondrášek, PhD

Born: March 6, 1963 in Vimperk

Marital status: married, 2 children

Citizenship: Czech

Work: Institute of Organic Chemistry and Biochemistry, AS CR, Flemingovo nám 2, 166 10 Prague 6, CZ

Education:

1991-1996 Ph.D. (CSc.) in Biochemistry under supervision of Dr. P.Štřop and prof. P.Hobza at Department of Biochemistry, Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences, Prague.

1983-1988 MSc. (RNDr.) in Biophysics, under supervision of Dr. J. Zachová and prof. P.Hobza at Physical Institute of Faculty Mathematics and Physics, Charles University, Prague.

Foreign stays:

1991 University of Geneva, Department of Physical Chemistry, prof. Jacques Weber

1993 J.W.Goethe Inst. Frankfurt, Dept. of Anorg. Chem., prof. Hans Bock

1995 NCI Frederick, Maryland, Dr Alex Wlodawer

1996 - 1998 NCI Fredrick, Dr Alex Wlodawer, postdoctoral training

1998 - 2003 NCI Frederick & NIST Bethesda, curatorship of HIV PR database

Chronology of Employment:

1991-1995 PhD student at IOCB AS CR

1999-2003 head of the macromolecular modeling and biochemical simulations group

2004- Deputy Head of the Theoretical Chemistry Department

2006 - Research Fellow at the Department of Computational Chemistry at IOCB AS CR

2007 – 2012 Research fellow in the Distinguished Chair group of prof. P.Hobza

2008 - 2012 part time associated with group of Ligand Engineering at IBT AS CR

2012 – Head of Bioinformatics at IOCB AS CR

Membership in Scientific Societies and Professional Associations:

Head of Czech ELIXIR Node

Member of ELIXIR Heads of Nodes committee (ESFRI project)

Vicechair of the Free and Open Bioinformatic Association (FOBIA) of the Czech Republic

member of the CESNET Users Board

Member of Board of Users - CESNET

Honors & Scientific Recognition:

Associate Editor

Biochemistry and Biophysics Report (Elsevier)

International Journal of Molecular Sciences (IJMS)

Reviewer for Scientific Journals

Journal of Physical Chemistry

Proteins

BMC Bioinformatics

Biophysics

Protein Science

Membership in Reviewing Boards (grant application boards etc.)

member of Branch Board of the Faculty of Natural Sciences, Charles University

Chairpersonships

FEBS meeting Prague, 2009

IBBI meeting, Trest, 2008

PPS2010, PPS2012, PPS2014, PPS2016, PPS2018 (Prague 2010, 2012, 2014, 2016, 2018)

Teaching

Bioinformatics - lecture at Faculty of Natural Sciences, Charles University Prague, since 2000

Protein Physics - lecture at Faculty of Natural Sciences, Charles University Prague, since 2008

Introduction to Molecular Modeling - lecture at Faculty of Natural Sciences, Charles University Prague, since 2008

Bioinformatics – lecture at Institute of Chemical Technology, Prague, since 2016

Application of Bioinformatics – lecture at Institute of Chemical Technology, Prague, since 2016

Collaborations:

Michele Vendruscolo, University of Cambridge, UK

Valerie Daggett, Seattle University, USA

Nikolay Dokholyan, UNC, USA

Alan Bridge, Swiss Institute of Bioinformatics (SIB), CH

Petter Lyngstadaas, Oslo University, N

Mikael Oliveberg, Univeristy Stockholm, SWE

Scientific Community Activities:

Mentoring

Supervisor of bachelor and master students, Charles University, Prague

Supervisor of PhD students, Charles University, Prague

More than 125 original papers in per review journals

Total number of citations/H factor – approx. 3300/28