**GORAN ŠINKO,** Ph.D.

Scientific Personal Identification Number: 228005

Born: June 20th, 1974, Zagreb, Croatia

HRZZ identification number: f0bec61f-a411-4371-a9f4-483f88766d0a

**Positions and Employment**

Since 2011 Senior Research Associate, Biochemistry and Organic Analytical Chemistry Unit,

Institute for Medical Research and Occupational Health (IMROH), Zagreb

2008 - 2011 Research Associate, IMROH, Zagreb

1998 - 2008 Research Assistant (Scientific Novice), IMROH, Zagreb

**Professional field**

Enzyme structure and kinetics, Computer assisted molecular modelling, Structure activity relationship, Stereoselective interactions of ligands with enzymes.

**Education**1999 - 2007 Ph.D. in Chemistry – Biochemistry, Faculty of Science, University of Zagreb, Croatia

1993 - 1998 B.Sc. in Chemistry, Faculty of Science, University of Zagreb, Croatia

**Principal investigator of scientific grants**

2011 - 2013 "Thermodynamic characterization of stereoselectivity and reactivation in cholinesterases" (Croatian Slovenian co-operation programme).

**Researcher on the scientific projects**

2007 - 2013 Ministry of Science, Education and Sports of the Republic of Croatia, "Interaction of organophosphates, carbamates and relevant ligands with esterases" (PI: Z Kovarik)

2013 - 2014 Croatian-French Program "Cogito", "Mechanism of interactions of pyridinium oximes with acetylcholinesterase inhibited by OP compounds: kinetics, computational modelling and determination of complexes 3D structure" (PIs: M Katalinić and F Nachon)

2005 - 2007 Croatian-Slovenian cooperation programme, "Stereoselectivity of Cholinesterases: Kinetic Studies of Cholinesterase Mechanism Interactions with Pharmacological Relevant Compounds", (PI: Z Kovarik)

2002 – 2006 Ministry of Science, Education and Sports of the Republic of Croatia, "Mechanism of Interaction of Esterases with Organophosphates" (PIs: Z Kovarik and V Simeon)

**Professional memberships**

Croatian Chemical Society; Croatian Society of Biochemistry and Molecular Biology

**Awards / Organizing skills / Trainings / Mentorships**

2007 Annual award for Young scientist in 2006 awarded by the Croatian Society of Biochemistry and Molecular Biology

2008 Annual Award for Young Scientists in 2007 awarded by the Society of University Teachers, Scholars and Other Scientists – Zagreb

2012 Annual Award for scientific achievements by the Institute for Medical Research and Occupational Health, Zagreb

Member of organization board of the scientific conference: Congress of the Croatian Society of Biochemistry and Molecular Biology on the Occasion of the 30th Anniversary, 2006, Vodice, Croatia 10th International Meeting on Cholinesterases, 2009, Šibenik, Croatia.

Training courses:

The 7th and 9th International Summer School on Biophysics, 2000 and 2006, Rovinj, Croatia "Molecular Modeling and Computer Assisted Combinatorial Chemistry", International Centre for Science and High Technology-UNIDO, 2000, Trieste, Italy)

Supervisor of BSc theses, 2009, Faculty of Science, University of Zagreb.

**Publications**

Co-author of 32 scientific papers; list of publications on [CROSBI](http://bib.irb.hr/lista-radova?autor=228005).