

Personal information

Surname / First name Smole, Zlatko
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Nationality (-ies) Croatian
Date of birth 15th January 1983



Research projects

03/2007 –

PhD project

Mediterranean Institute for Life Sciences, Split, Croatia; supervisor Dr. Anita Kriško

Project “Biophysics and bioinformatics of bacterial cells”; group leaders: Prof. Ivo Sbalzarini, Computational Biophysics Lab, ETH Zuerich; Mediterranean Institute for Life Sciences, Split, Croatia and Dr. Anita Kriško, Mediterranean Institute for Life Sciences, Split, Croatia

11/2004 – 2/2006

Laboratory for Molecular Medicine, Division of Molecular Pathology, Ruđer Bošković Institute, Zagreb, Croatia

Diploma Thesis Project

Project “Molecular mechanisms of neuroendocrine tumours development - The prevalence of chimeric transcript *ret/PTC1* in human malignant papillary thyroid cancer”

2/2004 – 6/2004

Laboratory for Biochemistry, Division of Molecular Biology, Ruđer Bošković Institute, Zagreb

Project “Seryl-tRNA synthetases: mechanisms and control of serylation in protein biosynthesis”

Education and training

6/2007 - 7/2007

Intense course of programming in C programming language on Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture, University of Split

10/2001 - 12/2006

Department of Biology, Faculty of Science, University of Zagreb, Croatia B
BSc in molecular biology

26/07/2004 – 01/08/2004

Laboratory for Clinical and Forensic Genetics and Laboratory for flow cytometry,
Department of pathology, forensic medicine and cytology, Clinical hospital Split, Croatia
Certificate of trainee performance – molecular biology methods

Other work experience

10/2002 – 7/2004

Department of Chemistry, Faculty of Science, University of Zagreb, Croatia;
Student tutor for course “General and inorganic chemistry – laboratory“

Fellowships and awards

08/2007

Split and Dalmatia County small grant for participation in the 2nd Opatija meeting on Computational Solutions in the Life Sciences

10/2001 – 03/2006

Ministry of Science, Education and Sports Scholarships

Participation on conferences and workshops

04/09/2007 – 09/09/2007

2nd Opatija meeting on Computational Solutions in the Life Sciences, Opatija, Croatia

29/07/2007 – 04/08/2007

“Surviving Death - an interdisciplinary approach Workshop”, Mediterranean Institute for Life Sciences, Split, Croatia

25/07/2007– 29/07/2007

“Computational Biology Workshop“, Mediterranean Institute for Life Sciences, Split, Croatia

Proceedings of abstracts and poster presentations

Smole Z, Nikolić N, Sbalzarini IF, Kriško A (2007): Adaptation to extreme environments - looking for the proteome patterns. In: Proceedings of Abstracts of 2nd Opatija meeting on Computational Solutions in the Life Sciences.

Personal skills and competences

Mother tongue: Croatian

Other languages: English (independent user)

Computer skills: -good knowledge of Windows and Linux operative systems
- good knowledge of Biology Internet Database (GenBank, BLAST; Web of Knowledge) and bioinformatics software (BioEdit, ClustalX and ClustalW)
- programming languages: Python, C