

Contact information

Surname/ First name Nikolić, Nela
Address Mediterranean Institute for Life Sciences
Meštrovićevo šetalšte bb
21000 Split, Croatia
Telephone +385 21 555 625
Fax +385 21 555 605
E-mail nela.nikolic@medils.hr
Date of birth 12/04/1983
Place of birth Split, Croatia



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

11/2005 – 07/2006

Diploma thesis project

Department of Animal Physiology, Faculty of Science, University of Zagreb, Croatia; assistant supervisor: Dr. Ana Galov

Project “Health and other biological characteristics of mammals in the Adriatic Sea”; supervisor: Dr. Hrvoje Gomerčić, Prof. (Veterinary Faculty, University of Zagreb, Croatia)

04/2005 – 05/2005

Laboratory for Electron Microscopy, Division of Molecular Biology, Ruđer Bošković Institute, Zagreb, Croatia; supervisor: Dr. Hrvoje Fulgosi, Asst. Prof.

Project “Production and purification of recombinant thermostable DNA polymerase”

Education and training

6/2007 - 7/2007

Intense course of programming in C/C++ programming languages

Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture, University of Split, Croatia

10/2001 – 07/2006

Department of Biology, Faculty of Science, University of Zagreb, Croatia

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

02/10/2006 – 22/12/2006

Department of Bacteriology, Veterinary Research Institute, Brno, Czech Republic; supervisor: Dr. Ivan Rychlik, Asst. Prof.

IAESTE traineeship

03/2003 – 06/2003, 03/2004 – 06/2004

Department of Biology, Faculty of Science, University of Zagreb, Croatia; supervisor: Dr. Mladen Kučinić, Asst. Prof.

Student tutor for practical course “Zoology”

10/2002 – 02/2003

Department of Chemistry, Faculty of Science, University of Zagreb, Croatia; supervisor: Dr. Nenad Judaš, Asst. Prof.

Student tutor for course “General and inorganic chemistry – laboratory“

Personal skills and competences

Languages: Croatian (mother tongue)
English (independent user): TOEFL iBT certificate
Italian (basic user)

Computer skills: - programming languages: C/C++, Python, R
- BioEdit, ClustalX, ClustalW (sequence alignment tools), NETWORK (phylogenetic network constructions) and CLC Gene Workbench (primer construction)

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

10/2006 – 07/2007 “Top Scholarship for Top Students” (organized by newsmagazine "Nacional" and its partners)

10/2001 – 03/2006 Ministry of Science, Education and Sports Scholarship

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.

Nikolić N, Galov A, Gomerčić T, Đuras-Gomerčić M, Kocijan I, Bašić I, Gomerčić H (2006): Diversity of mitochondrial DNA control region of striped dolphin (*Stenella coeruleoalba*) from the Croatian part of the Adriatic Sea – a preliminary research. In: Besendorfer V, Klobučar G (ed.) Proceedings of Abstracts of 9th Croatian biological congress. Croatian Biological Society 1885. Zagreb, p.313-315.

Nikolić N, Galov A, Gomerčić T, Đuras-Gomerčić M, Gomerčić H (2006): Mitochondrial DNA control region of bottlenose dolphins (*Tursiops truncatus*) from northern Adriatic Sea. In: Arko-Pijevac M, Kružić B, Kovačić M (ed.) Proceedings of Abstracts of Natural History Researchers of the Rijeka Region: 2nd Scientific Symposium. Natural History Museum, Rijeka. p. 97-98.

Publications

Galov A, Lauc G, Nikolić N, Šatović Z, Gomerčić T, Đuras-Gomerčić M, Kocijan I, Šeol B, Gomerčić H: Findings and genetic characterisation of striped dolphin (*Stenella coeruleoalba*) in Croatian Adriatic Sea, submitted (2007)

Hobbies

Travelling, camping
Tae Bo