Curriculum Vitae

PERSONAL INFORMATION:

Name and surname	Nataša Perin
Academic title	Doctor of Science (PhD in Natural Sciences, Chemistry)
Address	Marulićev trg 19, Zagreb
Phone	+385 1 45 97 242
E-mail	nperin@marie.fkit.hr
Citizenship	Croatian
Date and place of birth	11th May, 1985, Karlovac

WORK EXPIRIENCE:

Date	1st November 2009 - present
Institution	Department of Organic Chemistry, Faculty of Chemical Engineering and Technology, Zagreb
Position	Scientific novice
Work field	Organic and medicinal chemistry

EDUCATION:

Date	2009 - 2014
Place	Zagreb
Institution	Faculty of Chemical Engineering and Technology
Title of qualification awarded	Doc. Sc. in Chemistry

Date	2004 - 2009
Place	Zagreb
Institution	Faculty of Chemical Engineering and Technology
Title of qualification awarded	Dipl.-Ing. in Chemistry

Date	2000 - 2004
Place	Jastrebarsko
Institution	Gymnasium high school

TRAINING:

Date	September 2012
Place	Lille, France
Institution	INSERM U837 - Centre de Recherches Jean-Pierre Aubert

HONOURS AND AWARDS:

2009 – Rector's award

2006 - The best student of the second year in the academic year 2005/2006

RESEARCH PROJECTS:

2009 – 2014 collaborator on the project *Novel heterocycles as antitumor and antiviral "smart" drugs* Financed by Ministry of Science, Education and Sport of the Republic of Croatia (No. 125-0982464-1356)

2011 – 2012 collaborator on the project *Synthesis, photochemical synthesis, DNA binding, antitumor activity and QSAR analyses of novel condensed quinolones and quniolines* (Cogito Partnership Hubert Curien for 2011/2012, croatian-french project)

2014 – 2017 collaborator on the project „Synthesis and cytostatic evaluations of novel nitrogen heterocycles library", HRZZ

TEACHING:

Laboratory practice of courses: Microwave assisted synthesis, Heterocyclic antitumor drugs, Planning of organic chemistry, Organic chemistry and Chemical-technology practice.

MENTORSHIP AND TRAINING OF YOUNG RESEARCHERS:

Training of students during 2 master thesis and 3 bachelor thesis.

MEMBERSHIP IN SCIENCE ORGANIZATIONS AND BODIES:

- Croatian Chemical Society

PAPERS:

1. **N. Perin**, L. Uzelac, I. Piantanida, G. Karminski-Zamola, M. Kralj and M. Hranjec, *Bioorg. Med. Chem.* **19** (2011) 6329-6339. (IF **2,921**; **Q2**; citations **8**)
2. **N. Perin**, M. Hranjec, G. Pavlović and G. Karminski-Zamola, *Dyes and Pigments* **91** (2011) 79-88. (IF **3,126**; **Q1**; citations **4**)
3. **N. Perin**, I. Martin-Kleiner, R. Nhili, W. Laine, M.-H. David-Cordonnier, O. Vurgek, G. Karminski-Zamola, M. Kralj and M. Hranjec, *Med. Chem. Comm.* **4** (2013) 1537-1550. (IF **2,722**; **Q2**; citations **1**)
4. **N. Perin**, R. Nhili, K. Ester, W. Laine, G. Karminski-Zamola, M. Kralj, M.-H. David-Cordonnier, M. Hranjec, *Eur. J. Med. Chem.* **80** (2014) 218-227. (IF **3,432**; **Q1**; citations **0**)

ADDITIONAL INFORMATION AND NOTES:

Field of research work: Design, synthesis, photochemical synthesis and spectroscopic characterization of organic heterocyclic compounds related to benzimazo[1,2-*a*]quinolines prepared as potential antitumor agents; spectroscopic study of interactions of prepared compounds with biomacromolecules DNA/RNA by means of UV/Vis, fluorescence and CD spectroscopy, thermal melting experiments and viscometry; specific expertise in modern techniques such as photochemical reactions, spectroscopic study of prepared molecules by means of UV/Vis and fluorescence spectroscopy, microwave assisted organic synthesis, retrosynthetic approach in the synthesis of designed molecules and structural characterization of organic compounds by means of ^{1}H-, ^{13}C- and 2D NMR, IR, UV, CD and fluorescence spectroscopy and mass spectrometry.

OTHER IMPORTANT SKILLS AND COMPETENCES:

Instrumentation experience: IR spectroscopy, Ultraviolet and visible absorption spectroscopy, Fluorescence spectroscopy, CD spectrophotometer, microwave oven for organic synthesis.

COMPUTER SKILLS

Familiar with Windows and MS-DOS operating systems, Proficient in MS Office, CorellDraw, ChemDraw, OriginPro.