

Curriculum Vitae

PERSONAL INFORMATION:

Name and surname Maja Aleksić
Academic title PhD in Natural Sciences, chemistry
Year and institution of PhD obtained 2013, Faculty of Chemical Engineering and Technology, University of Zagreb
Address Marulićev trg 19, Zagreb
Phone +385 1 45 97 242
E-mail maleksic@fkit.hr
Citizenship Croatian
Date and place of birth 30th June, 1983, Pula

WORK EXPERIENCE:

Date 1th May 2008 – present
Institution Department of Organic Chemistry, Faculty of Chemical Engineering and Technology, Zagreb
Position Scientific novice
Work field Organic and medicinal chemistry

EDUCATION:

Date 2008 – 2013
Place Zagreb
Institution Faculty of Chemical Engineering and Technology
Title of qualification awarded PhD in Chemistry

Date 2001 – 2007
Place Zagreb
Institution Faculty of Chemical Engineering and Technology
Title of qualification awarded Dipl. Ing. in Chemistry

TRAINING:

Date 10th September 2012 – 21st September 2012
Place Lille, France
Institution INSERM U837 - Centre de Recherches Jean-Pierre Aubert

RESEARCH PROJECTS:

2014 - 2017 collaborator on the project *Synthesis and cytostatic evaluations of novel nitrogen heterocycles library*, Croatian science foundation

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 quinolines* (Cogito Partnership Hubert Curien, croatian-french project)

TEACHING:

Laboratory practice of courses: Heterocyclic antitumor drugs, Planning of organic chemistry, Organic chemistry and Chemistry of natural and synthetic polymers.

MENTORSHIP AND TRAINING OF YOUNG RESEARCHERS:

Training of students during 1 master thesis and 4 bachelor thesis.

MEMBERSHIP IN SCIENCE ORGANIZATIONS AND BODIES:

Croatian Chemical Society

PAPERS:

1. **M. Aleksić**, B. Bertoša, R. Nhili, S. Depauw, I. Martin-Kleiner, M.-H. David-Cordonnier, S. Tomić, M. Kralj, G. Karminski-Zamola, *Eur. J. Med. Chem.* **71** (2014) 267-281.
(IF **3.849** ; **Q1** ; citations **0**)
2. **M. Aleksić**, B. Bertoša, R. Nhili, L. Uzelac, I. Jarak, S. Depauw, M.-H. David-Cordonnier, M. Kralj, S. Tomić, G. Karminski-Zamola, *J. Med. Chem.* **55** (2012) 5044-5060.
(IF **5.614** ; **Q1** ; citations **6**)
3. B. Bertoša, **M. Aleksić**, S. Tomić, G. Karminski-Zamola, *Int. J. Pharm.* **394** (2010) 106-114.
(IF **3.607** ; **Q1** ; citations **9**)
4. **M. Aleksić**, N. Koprivanac, A. Lončarić Božić, H. Kušić, *Chem. Biochem. Eng. Q* **24** (2010) 309-319.
(IF **0.483** ; **Q3** ; citations **0**)
5. **M. Aleksić**, H. Kušić, N. Koprivanac, D. Leszczynska, A. Lončarić Božić, *Desalination* **257** (2010) 22-29.
(IF **1.851** ; **Q1** ; citations **32**)

COMPUTER SKILLS:

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

ADDITIONAL INFORMATION AND NOTES:

Field of research work: Design, synthesis, photochemical synthesis and spectroscopic characterization of organic compounds prepared as potential antitumor agents; spectroscopic study of interactions of prepared compounds with biomacromolecules DNA/RNA.

OTHER IMPORTANT SKILLS AND COMPETENCES:

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