

# Curriculum Vitae



## Personal information

Surname /First name **BLAGOJEVIĆ, Polina D. (nee Rašić)**  
Addresses Faculty of Science and Mathematics, Višegradska 33, 18000, Niš, Serbia (work)  
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Nationality Serbian  
Date of birth November 21, 1979  
Gender Female  
Family status Married, two children (born in 2006 and 2009)

## Work experience

Dates  
Name and address of employer  
Occupation or position held  
Main activities and responsibilities

**1/2015 – present – Faculty of Science and Mathematics, University of Niš, Serbia – Associate Professor**  
**10/2010 – 12/2014 – Faculty of Science and Mathematics, University of Niš, Serbia – Assistant Professor**  
**2013 – present – Facta Universitatis section Physics, Chemistry and Technology** (Scientific journal published by the University of Niš) – Section editor (chemistry)  
**1/2010 – 10/2010 – Faculty of Science and Mathematics, University of Niš, Serbia – Teaching assistant**  
**1/2007 – 12/2009 – Faculty of Science and Mathematics, University of Niš, Serbia – Research assistant: Secondary metabolites: composition, antimicrobial and antioxidant activity**  
**1/2005 – 12/2005 – Faculty of Science and Mathematics, University of Niš, Serbia – Research trainee: Chemical composition and biological activity of the secondary metabolites of *Achillea*, *Acinos*, *Artemisia*, *Calamintha* and *Micromeria* species**

## Education and training

Dates  
Title of qualification awarded  
Principal subjects/occupational skills covered  
Name and type of organisation providing education and training

**6/2011 – 8/2011 – Single-crystal crystallographic analysis**, Max-Planck-Institut für Chemische Physik fester Stoffe, Dresden, Germany (scientific supervisor: dr. Horst Borrmann)  
**7/2010 – PhD in Organic chemistry and biochemistry-Phytochemistry** (PhD thesis title: New approach to comparison of complex volatile mixtures of natural origin: correlation between essential oil yield and chemical composition, and percentage composition and average mass scan of the TIC), Faculty of Science and Mathematics, University of Niš, Serbia (doctoral supervisor: prof. dr. Niko Radulović)  
**7/2008 – Summer School of Mass Spectrometry**, Jointly organized by Faculty of Science and Mathematics, University of Niš, Serbia and Universite Pierre et Marie Curie, Paris, France (lecturer Jean Claude Tabet, Universite Pierre et Marie Curie, Paris)  
**2/2007 – Magistratura in Organic chemistry and biochemistry-Phytochemistry** (thesis title: Chemical composition and antimicrobial activity of the essential oils of *Artemisia absinthium* L. and *Artemisia vulgaris* L.), Faculty of Science and Mathematics, University of Niš, Serbia (supervisor: prof. dr. Gordana Stojanović)  
**2003 – MSc in Chemistry**, of Science and Mathematics, University of Niš, Serbia

## Research interests

Natural product chemistry, essential oils, GC/MS, HPLC, NMR, IR, organic synthesis, chemometrics, computational chemistry, biological activity

## Scholarships and awards

Dates  
**2016 – Mobilité scientifique - Scholarship of the Institute Francais, Serbia, for short research stay in France (Institut de Chimie de Nice, Université de Nice-Sophia Antipolis; December 03<sup>rd</sup> – December 17<sup>th</sup>)**

Name and type **2016 – Poster prize** - 18<sup>th</sup> Central and Eastern European NMR Symposium and Bruker Users' Meeting  
**2014 – Medal of the Serbian chemical society for endeavor and success in science**  
**2011 – L'Oréal-UNESCO National Fellowship "For Women in Science"**  
**2011 –Ministry of education, science and technological development of Republic of Serbia**, for short postdoctoral stay in Germany (Max-Planck-Institut für Chemische Physik fester Stoffe, Dresden)  
**2004 – 2007 – Ministry of Science of Republic of Serbia**, grant for MCs/PhD studies  
**2002 – „Ana Bjeletić and Ivan Marković“ scholarship**, for best chemistry students at the Faculty of science and mathematics, University of Niš  
**2001 – Royal Embassy of Norway in Belgrade**, for best students in Serbia

## Personal skills and competences

Mother tongue(s) **Serbian**

Other language(s) **English, Russian**

Self-assessment

*European level (\*)*

**English**

**Russian**

Understanding		Speaking		Writing			
Listening		Reading		Spoken interaction		Spoken production	
	C1		C1		C1		C1
	B1		B1		B1		B1

(\*) [Common European Framework of Reference for Languages](#)

Social skills and competences

I consider myself to be a very sociable person. I can easily adjust to new environment and situations.

Computer skills and competences

Expert knowledge in AMDIS, NIST MS Search, ChemDraw, Autodock Vina, Autodock Tools and MestReNova. Basic operations in WinDNMR, SHELXL/WinGX, Mercury, enCIFer, HyperChem, Gaussiane 09, Orca, Gamess and Marvin sketch/space. Routine (multivariate) statistical analysis in R and XLSTAT plug in for Excel.

Other important skills and competences

Expert knowledge in GC-MS/ LC/TLC and analysis/profiling/comparison of complex mixtures of (volatile) organic compounds (e.g. essential oils). Structural elucidation of organic compounds (NMR, IR, MS) and Full spin analysis of <sup>1</sup>H NMR (HiFSA) spectra of natural products. Some experience in crystallographic analysis (sample preparation: crystal growth and mounting; structure refinement), molecular docking and SAR analysis.

Participant of the project financed by Ministry of Education, Science and Technology, Serbia (1/2011 – present – researcher, project administrator): Combinatorial libraries of heterogeneous catalysts, natural products, modified natural products and their analogues: way to biologically active agents (Project leader: prof. dr. Niko Radulović)

Participant of the project financed by Ministry of Education, Science and Technology, Serbia (1/2011 – present – researcher): New electrochemical and chemical methods in synthesis of organic compounds relevant for medicine and material science (Project leader: prof. dr. Rastko Vukicević)

Participant of the TEMPUS MCHM (Modernisation of Post-Graduate Studies in Chemistry and Chemistry Related Programmes) (4/2012 to present)

Membership

Serbian Chemical Society

MENSA Serbia

Fond "Ana Bjeletić and Ivan Marković" – Member of the board

Scientific journal Facta Universitatis, series Physics, Chemistry and Technology (University of Niš, Serbia)– Section editor

Driving licence

B category

**Additional information**

**REFERENCE:**

NIKO RADULOVIĆ – FULL PROFESSOR, FACULTY OF SCIENCE AND MATHEMATICS, UNIVERSITY OF NIŠ, SERBIA

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NICOLAS BALDOVINI – PROFESSOR, INSTITUT DE CHIMIE DE NICE, UNIVERSITE DE NICE-SOPHIA ANTIPOLIS, NICE, FRANCE

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