

# NIKO S. RADULOVIĆ

Full Professor, Department of Chemistry, Faculty of Sciences and Mathematics,  
University of Niš, Niš, Serbia

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Single male born in 1981

## Academic career, grantsmanship and publications

➤ Department of Chemistry, Faculty of Sciences and Mathematics, University of Niš, Serbia

2016 – present **Full Professor** of Organic Chemistry

2011 – 2016 **Associate Professor**

2006 – 2011 **Assistant Professor**, the youngest assist. professor in the history of the University

2011 – present **Principal investigator**: “Combinatorial libraries of heterogeneous catalysts, natural products, modified natural products and their analogues: a path to biologically active agents”, funded by the Ministry of Education, Science and Technological Development of Serbia

Direct costs: **€1,160,000**

More than **180 peer-reviewed research publications; h-index 17.**

Full list of publications: <http://orcid.org/0000-0003-1342-7567>,

[https://www.researchgate.net/profile/Niko\\_Radulovic](https://www.researchgate.net/profile/Niko_Radulovic), Scopus Author ID: 8835393400

**Research interests:** organic synthesis, medicinal chemistry, phytochemistry, NMR, HiFSA-ASIS-GIAO NMR-based methodologies, biologically active compounds, structure-activity relationship

**Current research group:** 2 associate professors, 8 assistant professors, 4 postdoctoral fellows, 11 PhD students

## Education and international collaborations

2011 **Postdoctoral fellow**, Max-Planck-Institut für Chemische Physik fester Stoffe, Dresden, Germany (mentor: Horst Borrmann)

➤ Department of Chemistry, Faculty of Sciences and Mathematics, University of Niš, Serbia

2006 **PhD in Organic Chemistry**

2005 **MS in Organic Chemistry**

2002 **BS in Chemistry** (completed a 4-year degree in 3 years, GPA 10 out of 10)

2015 – present **Institut de Chimie de Nice, Université Nice Sophia Antipolis**, Nice, France (Prof. Nicolas Baldovini)

2012 – present **Trinity College, University of Dublin**, Dublin, Ireland (Prof. Fabio Boylan)

2011 – present **School of Chemistry, University of Wollongong**, Wollongong, Australia (Prof. Danielle Skropeta)

2010 – present **Institute of Organic Chemistry, Bulgarian Academy of Science**, Sofia, Bulgaria (Prof. Vladimir Dimitrov)

2008 **Summer School of Mass Spectrometry**, collaboration between the University of Niš and Université Pierre et Marie Curie, Paris, France (Prof. Jean Claude Tabet)

2004 – present **Faculty of Pharmaceutical Sciences, Tokushima Bunri University**, Tokushima, Japan (Prof. Yoshinori Asakawa)

### Selected honors, awards and distinctions

- 2017 – present **Member of the Editorial Advisory Board** of the journal *Chemistry & Biodiversity* (SCIE journal published by Wiley & Sons)
- 2016 **The Merit Medalist** of the Serbian Chemical Society
- 2015 – present **Member of the permanent scientific board** of the *International Symposium on Essential Oils* (ISEO)
- 2014 **One of seven most cited Serbian researchers in all disciplines**, *Scientometrics* (101(1), 603-622, Springer)
- 2012 and 2014 **IUPAC awards for outstanding poster presentations** at Serbian Chemical Society Meetings, lead author
- 2012 **Outstanding Research Award for the best young chemist**, Serbian Chemical Society
- 2011, 2012 and 2014 Three **invited plenary lectures** at international symposia/conferences
- 2011 **The Scopus** (Elsevier) **Young Researcher Award** (for Serbia)
- 2010 – present **Editor-in-chief** of the journal *Facta Universitatis*, section Physics, Chemistry and Technology (University of Niš)
- 2003 **Annual award** of the Serbian Chemical Society
- 2003 **The best graduate** of the University of Niš
- 2002 **The best student** at the Department of Chemistry, University of Niš
- 2001 **One of the best university students in Serbia**, chosen by the Royal Embassy of Norway
- 1995 **High school valedictorian**

### Professional skills

**Mentorship:** 7 PhD dissertations and 18 MS theses. My mentees won numerous awards in their own right.

Permanent co-mentor of the Serbian teams at the **International Chemistry Olympiads** (IChO, 2012-present) and **International Junior Science Olympiad** (IJSO, 2011-present). Serbian teams won more than 20 medals in total, frequently besting teams from Germany, France and similar countries.

**Reviewer** for more than 30 international journals and several European granting agencies.

### Laboratory skills

Runs and maintains a Bruker NMR facility, GC-MS system, and other instruments.

Expert in NMR, MS and crystallography.

Proficient in antimicrobial testing and *in vivo* experiments with laboratory rodents.

Expert in numerous computer programs, e.g., TopSpin, MestReNova, ChemStation, AMDIS, etc.

**Languages:** **English** (fluent), **Russian** (proficient), **French** (proficient), **Serbian** (mother tongue)

### Selected references

YOSHINORI ASAKAWA – FULL PROFESSOR, FACULTY OF PHARMACEUTICAL SCIENCES, TOKUSHIMA BUNRI UNIVERSITY, JAPAN

EMAIL: [asakawa@ph.bunri-u.ac.jp](mailto:asakawa@ph.bunri-u.ac.jp)

HORST BORRMANN – MAX-PLANCK-INSTITUT FÜR CHEMISCHE PHYSIK FESTER STOFFE, DRESDEN, GERMANY

EMAIL: [Horst.Borrmann@cpfs.mpg.de](mailto:Horst.Borrmann@cpfs.mpg.de)

NENAD M. KOSTIĆ – PROFESSOR EMERITUS, TEXAS A&M UNIVERSITY AT COMMERCE, USA

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DUŠAN SLADIĆ – FULL PROFESSOR, FACULTY OF CHEMISTRY, UNIVERSITY OF BELGRADE, SERBIA

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