

# CURRICULUM VITAE

## PERSONAL DATA

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Name: Miljan Milunović  
Acad. Degree: Dr.rer.nat. (PhD)  
Date of Birth: 18. 10. 1982  
Place of Birth: Niš, Serbia  
Nationality: Serbian  
Current Address: Dobrovicova 115/14, Bratislava, Slovakia  
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Spoken Languages: Serbian, English, German, Bulgarian, Russian



## EDUCATION HYSTORY

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2013 *Doctor of Philosophy (Chemistry)*  
Institute of Inorganic Chemistry, University of Vienna, Austria

2006 *Master of Science*  
Department of Chemistry, Faculty of Sciences, University of Nis, Serbia

## SCIENTIFIC EXPERIENCE

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2016 – present ‡ *Postdoctoral Research – Thiosemicarbazones and their transition metal complexes as antitumour agents*  
Institute of physical chemistry and chemical physics, Slovak University of Technology, Slovakia

2014 – 2015 ‡ *Postdoctoral Research – Synthesis, design and development of photoactive compounds and its application in neuroscience (Fellowship of Hungarian Academy of Science)*  
Institute of Biochemistry, ELTE University of Budapest, Hungary

2008 – 2014 ‡ *Assistant, researcher and co-worker in a project dealing with synthesis and characterisation of thiosemicarbazones and their transition metal complexes as anticancer compounds*  
‡ *Assistant, researcher and co-worker in a project dealing with humic acid models and iron complexes*  
‡ *Assistant in inorganic chemistry courses*  
‡ *Supervision of master and bachelor work*

Institute of Inorganic Chemistry, University of Vienna, Austria

- 2011 ‡ **Scientific Stay** (1 month) – Investigation of behavior of anticancer compounds and their transition metal complexes in the solution  
Institute of Analytical Chemistry, University of Szeged, Hungary
- 2008 ‡ **Participant** – International School of Mass Spectrometry  
University Pierre and Maria Curie, Paris, France
- 2006 – 2008 ‡ **Researcher and co-worker** on a project dealing with development of active materials for water purification( project–innovation "VALETA-H<sub>2</sub>O-92")  
‡ **Supervision** of master work  
Department of Chemistry, Faculty of Sciences, University of Nis, Serbia

#### **TEACHING EXPERIENCE**

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- 2010 Assistant and tutor in practical inorganic chemistry courses, University of Vienna

#### **SCIENTIFIC INTERESTS**

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Inorganic Biochemistry, Structural Chemistry, Organometallic Chemistry, Coordination Chemistry and Metal Complexes, Organometallic Synthesis, Photochemistry, Medicinal and Pharmaceutical Chemistry, Chemical Biology, Crystallization, Spectroscopy, Inorganic Chemistry, X-ray crystallography

#### **PUBLICATIONS**

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Milunovic, M. N. M.; Enyedy, E. A.; Nagy, N. V.; Kiss, T.; Trondl, R.; Jakupec, M. A.; Keppler, B. K.; Krachler, R.; Novitchi, G.; Arion, V. B. L- and D-Proline Conjugates: Coordination Behaviour in Solution and the Effect of Copper(II) Coordination on Their Antiproliferative Acitivity. *Inorg. Chem.*, **2012**, *51*, 9309.

Milunovic, M. N. M.; Martins, L. M. D. R.; Alegria, E. C. B. A.; Pombeiro, A. J. L.; Krachler, R.; Trettenhahn, G.; Turta, C.; Shova, S.; Arion, V. B. Hexanuclear and Undecanuclear Iron(III) Carboxylates as Catalyst Precursors for Cyclohexane Oxidation. *Dalton Trans.*, **2013**, *42*, 14388. (<http://pubs.rsc.org/en/journals/journalissues/dt#!issueid=dt042040&type=current&issnprint=1477-9226>) **Front Cover Article**

Dobrova, A.; Platzer, S.; Bacher, F.; Milunovic, M. N. M.; Dobrov, A.; spengler, G.; Enyedy, A. E.; Novitchi, G.; Arion B. V., Structure-antiproliferative activity studies on L-proline and homoproline-4-N-pyrrolidine-3-thiosemicarbazone hybrids and their nickel(II), palladium(II) and copper(II) complexes. *Dalton Trans.*, **2016**, *45*, 13427-13439.

Milunović, M. N. M.; Dobrova, A.; Novitchi, G.; Gligorijević, N.; Radulović, S.; Kožišek, J.; Rapta, P.; Enyedy, E. A.; Arion, V. B., Effects of Terminal Substitution and Iron Coordination on Antiproliferative Activity of L-Proline-salicylaldehyde Thiosemicarbazone Hybrids. *European Journal of Inorganic Chemistry*, **2017**, 4773-4783.