

# C U R R I C U L U M V I T A E

## Jelena Petronijević



Adresa:

Prirodno-matematički fakultet Univerzitet u Kragujevcu  
Radoja Domanovića 12  
P. O. Box 60 34000 Kragujevac

e-mail: [jelena.petronijevic@pmf.kg.ac.rs](mailto:jelena.petronijevic@pmf.kg.ac.rs)

Datum i mesto rođenja : 22.03.1991. Kragujevac, Srbija

---

### OBRAZOVANJE

2006. – 2010. Gimnazija, Rača

2014. Diplomirani hemičar- zaštita životne sredine, Prirodno-matematički fakultet, Univerzitet u Kragujevcu

2015. Master hemičar-zaštita životne sredine, Prirodno-matematički fakultet, Univerzitet u Kragujevcu

### RADNO ISKUSTVO

2016. Istraživač-pripravnik, Prirodno-matematički fakultet, Univerzitet u Kragujevcu

### POZNAVANJE JEZIKA

Engleski

### BIBLIOGRAFIJA

#### Списак саопштења:

1. Nenad Janković, Vesna Stanojlović, **Jelena Petronijević**, Nenad Joksimović, Zorica Bugarčić, *Functionalization of 2-thioxo-1,2,3,4-tetrahydropyrimidine and synthesis of novel chalcones under solvent-free conditions*, 52<sup>nd</sup> Meeting of the Serbian Chemical Society, Novi Sad, Republic of Serbia, May 29-30, 2015, Book of Abstracts, OH P07, p. 121.
2. Nenad Janković, Vesna Stanojlović, **Jelena Petronijević**, Ninko Radenković, *The synthesis and characterization of novel 3,4-dihydroquinoxalin-2(1H)-ones*, 22<sup>nd</sup> Young Research Fellows Meeting, 2015, Paris, France, February, 4-6, PO-033.

3. Nenad Joksimović, Nenad Janković, Vesna Stanojlović, **Jelena Petronijević**, *Synthesis and characterization of novel pyrimidine tricyclic derivatives*, Treća konferencija mladih hemičara Srbije, 2015, Beograd, 24. oktobar, Srpsko hemijsko drustvo, Book of Abstracts, HS P08, p. 35.
4. **Jelena Petronijević**, Nenad Joksimović, Vesna Stanojlović, Nenad Janković, *Meldrum's acid as a C<sub>2</sub>-sinton*, Treća konferencija mladih hemičara Srbije, 2015, Beograd, 24. oktobar, Srpsko hemijsko drustvo, Book of Abstracts, HS P11, p. 38.
5. Nenad Janković, Vesna Stanojlović, **Jelena Petronijević**, Nenad Joksimović, *Synthesis of novel Biginelli analogs with 1,3-thiazine ring*, Treća konferencija mladih hemičara Srbije, 2015, Beograd, 24. oktobar, Srpsko hemijsko drustvo, Book of Abstracts, HS P13, p. 40.
6. Nenad Janković, Vesna Stanojlović, **Jelena Petronijević**, Nenad Joksimović, Snežana Đorđević\*, Vera Divac, Marina Rvović, Zorica Bugarčić, *Application of acyl pyruvates in synthetic chemistry*, 53<sup>rd</sup> Meeting of the Serbian Chemical Society, Kragujevac, Republic of Serbia, Jun 10-11, 2016, Book of Abstracts, OH P16, p. 114.
7. Marina D. Kostić, Vera M. Divac, Nenad Ž. Janković, **Jelena M. Petronijević**, *Kinetic and mechanistic studies of triethylamine-catalyzed phenylselenolactonization of 4-pentenoic acid*, 53<sup>rd</sup> Meeting of the Serbian Chemical Society, Kragujevac, Republic of Serbia, Jun 10-11, 2016, Book of Abstracts, OH P08, p. 106.
8. **Jelena M. Petronijević**, Nenad Janković, Zorica Bugarčić, *Biocatalytic synthesis of novel 2-oxo-1,2,3,4-tetrahydroquinoxalines and benzo[b][1,4]oxazin-2-ones: lemon juice as an alternative to hazardous solvents and catalysts*, Četvrta konferencija mladih hemičara Srbije, 2016, Beograd, 5. novembar, Srpsko hemijsko drustvo, Book of Abstracts, HS P23, p. 59.
9. **Jelena Petronijević**, Nenad Joksimović, Nenad Janković, Vera Divac, *Synthesis of 3,4-dihydro-2(1H)-quinoxalinones-based potential pharmacophores in lemon juice*, 24<sup>th</sup> Young Research Fellows Meeting, 2017, Paris, France, February, 8-10, PO-083.
10. Nenad Joksimović, **Jelena Petronijević**, Nenad Janković, Vesna Stanojlović, *BSA binding study of copper(II) complexes with 2-hydroxy-4-aryl-4-oxo-2-butenoate and their effects on apoptosis and cell cycle in A549 cell line*, 24th Young Research Fellows Meeting, 2017, Paris, France, February, 8-10, PC-069.

## **Списак публикованих научних радова**

1. Radenkovic, Slavko; Kojic, Jelena; **Petronijevic, Jelena**; Antic, Marija; *Effect of Benzo-Annelation on Local Aromaticity in Heterocyclic Conjugated Compounds*, J. Phys. Chem. A, **2014**, 49, 11591
2. **Jelena Petronijević**, Zorica Bugarčić, Goran A. Bogdanović, Srđan Stefanović and Nenad Janković, *An enolate ion as a synthon in biocatalytic synthesis of 3,4-dihydro-2(1H)-quinoxalinones and 3,4-dihydro-1,4-benzoxazin-2-ones: lemon juice as an alternative to hazardous solvents and catalysts*, Green Chem., **2017**, 19, 707.
3. **Jelena M. Petronijević**, Nenad Janković and Zorica Bugarčić, *Synthesis of Quinoxaline-Based Compounds and Their Antitumor and Antiviral Potential*, Mini Rev.Org. Chem., **2018**, 15,