

## CV – Marija Lj Medar

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### Education:

- 2009 – 2013 B.Sc. in Biology (Faculty of Sciences at University of Novi Sad; <http://www.pmf.uns.ac.rs/en>) (GPA 9.46/10)
- 2013 – 2014 M.Sc. in Molecular biology (FSUNS; <http://www.pmf.uns.ac.rs/en>) (GPA 9.81/10)
- 2014 – pres. Ph.D. in Biology (FSUNS; <http://www.pmf.uns.ac.rs/en>)

### Career:

- December 2014 – pres. Research trainee (FSUNS; <http://www.pmf.uns.ac.rs/en>)

### Ongoing Research Support:

- OI173057, Kostic T (PI), 01/01/2011 – 31/12/2014 Serbian Ministry of Education, Science and Technological Development Project: “*Molecular mechanisms and signal transduction pathways involved in regulation of steroidogenesis and adaptation of Leydig cells to disturbed steroidogenesis*”, Role: Co-investigator

### Awards:

- 2014 Scholarship for PhD students, Ministry of Science and Technological Development of the Republic of Serbia
- 2009 – 2014 Scholarship for students, Ministry of Science and Technological Development of the Republic of Serbia
- 2010 – 2014 Faculty Award for Academic Achievement
- 2013 – 2014 Scholarship of Privrednik Foundation

### Membership in scientific associations:

- 2015– Serbian Society for Molecular Biology
- 2013– Privrednik Foundation

**Languages:** Serbian, English, Russian

**Research area:** Leydig cells, steroidogenesis, cell signaling, chronobiology

### Relevant publications:

- **Marija LJ Medar**, Aleksandar Z Baburski, Silvana A Andrić, Tatjana S Kostić (2015) Pinealectomy changes 24-h rhythm of expression of some genes included in NO-cGMP signaling pathway in Leydig cells of adult rats. III simpozijum biologa i ekologičara Republike Srpske, Banja Luka, Bosna i Hercegovina, 12-14 November 2015.
- **Marija LJ Medar**, Aleksandar Z Baburski, Silvana A Andrić, Tatjana S Kostić (2015) Pineal is involved in shaping of 24-h rhythmic activity of NO-cGMP signaling in adult rat Leydig cells. 3rd Congress of the Serbian Society for Mitochondrial and Free Radical Physiology (SSMFRP), Redox Medicine: Reactive Species Signaling, Analytical Methods, Phytopharmacy, Molecular Mechanisms of Disease, Belgrade, Serbia, 25-26. September 2015.
- Iva Uzelac, **Marija Medar**, Maja Milićević, Debora Santo, Tatjana Nikolić, Snežana Milovac, Željko Popović, Jelena Purać, Danijela Kojić (2014) Activity and gene expression of superoxide dismutase in honey bees, *Apis mellifera* L., from urban, industrial and rural areas. Međunarodna studentska

konferencija zaštite životne sredine i nauka primenljivihu zaštiti životne sredine, FISEC ,1; Novi Sad; Srbija , 14-16. novembar 2015.

- Debra Santo, Iva Uzelac, Maja Milićević, **Marija Medar**, Snežana Milovac, Tatjana Nikolić, Željko Popović, Jelena Purać, Danijela Kojić (2014) Changes in activity and gene expression of catalase in response to chemical pollution of the natural environment in European honey bee, *Apis mellifera* L. Međunarodna studentska konferencija zaštite životne sredine i nauka primenljivihu zaštiti životne sredine, FISEC ,1; Novi Sad; Srbija , 14-16. novembar 2015.

**Popularization of science:**

- 2013 – “Noć Kikindske gimnazije“
- 2014 – “Festival nauke“
- 2012 –2015 “Noć biologije“