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| **Name and family name** | | | | | Nebojsa Andrić | | | | | | | | |
| **Title** | | | | | Assistant Professor | | | | | | | | |
| **Narrow scientific area** | | | | | Reproductive biology | | | | | | | | |
| **Academic career** | | | | Year | Institution | | | | Narrow scientific field or art field | | | | |
| Election to the title | | | | 2016 | Faculty of Sciences, UNS | | | | Cell biology | | | | |
| PhD | | | | 2005 | Faculty of Sciences, UNS | | | | Animal Physiology | | | | |
| Master diploma | | | | 2001 | Faculty of Biology, UB | | | | Endocrinology | | | | |
| Diploma | | | | 1997 | Faculty of Science, UNS | | | | Biology | | | | |
| **A list of dissertations-doctoral art projects in which the teacher is or was a mentor in the past 10 years** | | | | | | | | | | | | | |
| No. | | Title of the dissertation – doctoral art project | | | | | Name of the candidate | | | \*submitted | | \*\* defended | |
| 1 | Effects of atrazine and bisphenol a on the rat ovarian granulosa cells | | | | | | | Dragana Samardzija Nenadov | | 2016 | | 2017 | |
| 2 | The roles of extracellular signal-regulated kinases, protein kinases PKB and PKC in development and gene expression of zebrafish embryos | | | | | | | Jelena Petrovic | | 2018 | | 2019 | |
| \* Year in which the dissertation-doctoral art project was submitted (for dissertations-doctoral art projects in progress) \*\* The year in which the dissertation-doctoral art project was defended (only for dissertations-doctoral art projects from the previous period) | | | | | | | | | | | | | |
| **Categorization of the publication of scientific papers in the field of the given study program according to the classification of the relevant Ministry of Education, Science and Technological Development and in accordance with the additional requirements of the standard for the given field (minimum 5 not more than 20)** | | | | | | | | | | | | | |
| 1 | | | Andric N. and Ascoli M. (2006): A delayed gonadotropin-dependent and growth factor-mediated activation of the extracellular signal-regulated kinase 1/2 cascade negatively regulates aromatase expression in granulosa cells. *Molecular Endocrinolology* 20 (12): 3308-3320. | | | | | | | | | | **М21** |
| 2 | | | Andric N. and Ascoli M. (2008): The luteinizing hormone receptor-activated extracellularly regulated kinase-1/2 cascade stimulates epiregulin release from granulosa cells. *Endocrinology* 149(11): 5549-5556. | | | | | | | | | | **М21** |
| 3 | | | Andric N. and Ascoli M. (2008): Mutations of the lutropin/choriogonadotropin receptor that do not activate the phosphoinositide cascade allow hCG to induce aromatase expression in immature rat granulosa cells. *Molecular and Cellular Endocrinology*  285(1-2): 62-72. | | | | | | | | | | **М21** |
| 4 | | | Andric N. Thomas M. and Ascoli M. (2010): Transactivation of the epidermal growth factor receptor is involved in the lutropin receptor-mediated down regulation of ovarian aromatase expression *in* *vivo. Molecular Endocrinology* 24(3): 552-560. | | | | | | | | | | **М21** |
| 5 | | | Breen SM., Andric N., Ping T., Xie F., Offermans S., GossenJ.A., and Ascoli M. (2013) Ovulation involves the luteinizing hormone-dependent activation of Gq/11 in granulosa cells. *Molecular Endocrinology*. Sep; 27(9):1483-91. | | | | | | | | | | **М21** |
| 6 | | | Fa S, Pogrmic-Majkic K, Samardzija D, Glisic B, Kaisarevic S, Kovacevic R, Andric N (2013): Involvement of ERK1/2 signaling pathway in atrazine action on FSH-stimulated LHR and CYP19A1 expression in rat granulosa cells. *Toxicology and Applied Pharmacology*, Volume 270, Issue 1, pp 1-8. | | | | | | | | | | **M21** |
| 7 | | | Pogrmic-Majkic K., Samardzija D, Fa S, Hrubik J, Glisic B, Kaisarevic S, Andric N (2014). Atrazine enhances progesterone production through activation of multiple signaling pathways in FSH-stimulated rat granulosa cells: evidence for premature luteinization. *Biology of Reproduction*, Nov;91(5);124: 1-10. | | | | | | | | | | **М21** |
| 8 | | | Samardzija D, Pogrmic-Majkic K, Fa S, Glisic B, Stanic B, Andric N (2016). Atrazine blocks ovulation via suppression of Lhr and Cyp19a1 mRNA and estradiol secretion in immature gonadotropin-treated rats. *Reproductive Toxicolology*, Jun; 61:10-8. | | | | | | | | | | **М21** |
| 9 | | | Pogrmic-Majkic K, Fa S, Samardzija D, Hrubik J, Kaisarevic S, Andric N (2016): Atrazine activates multiple signaling pathways enhancing the rapid hCG-induced androgenesis in rat Leydig cells. *Toxicology*, 368-369, pp 37-45. | | | | | | | | | | **M21** |
| 10 | | | Samardzija D., Pogrmic-Majkic K., Fa S., Stanic B., Jasnic J., Andric N. (2018). Bisphenol A decreases progesterone synthesis by disrupting cholesterol homeostasis in rat granulosa cells. *Molecular and Cellular Endocrinology*, Volume 461, 5; 55-63. | | | | | | | | | | **М22** |
| 11 | | | Pogrmic-Majkic K., Samardzija D., Stojkov-Mimic N., Vukosavljevic J., Trninic-Pjevic A., Kopitovic V., Andric N. (2018). Atrazine suppresses FSH-induced steroidogenesis and LH-dependent expression of ovulatory genes through PDE-cAMP signaling pathway in human cumulus granulosa cells. *Molecular and Cellular Endocrinology*, Volume 461, 5; 79-88. | | | | | | | | | | **М22** |
| 12 | | | Samardzija Nenadov D, Pogrmic-Majkic K, Fa S, Stanic B, Tubic A, Andric N (2018) Environmental mixture with estrogenic activity increases Hsd3b1 expression through estrogen receptors in immature rat granulosa cells*. Journal of Applied Toxicolology*. 2018 Jun;38(6):879-887. | | | | | | | | | | **М21** |
| **Cumulative data of scientific activity of the teacher** | | | | | | | | | | | | | |
| Total number of citations, without self citations | | | | | | | | | 541 | | | | |
| Total number of papers on the SCI (or SSCI) list | | | | | | | | | 35 | | | | |
| Current participation in projects | | | | | | | | | Domestic 3 | | International 1 | | |
| Specialization | | | | | | Postdoctoral Research Scholar, University of Iowa, USA, 2005-2012 | | | | | | | |
| Other information you consider to be important | | | | | |  | | | | | | | |