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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Name and family name** | | | | Svetlana Fa | | | | | | |
| **Title** | | | | Research Associate | | | | | | |
| **Narrow scientific area** | | | | Animal Physiology | | | | | | |
| **Academic career** | | | Year | Institution | | | | Narrow scientific field or art field | | |
| Election to the title | | | 2015 | Faculty of Sciences, University of Novi Sad | | | | Animal Physiology | | |
| PhD | | | 2013 | Faculty of Sciences, University of Novi Sad | | | | Animal Physiology, Reproductive Endocrinology | | |
| Diploma | | | 2004 | Faculty of Sciences, University of Novi Sad | | | | Genetics | | |
| **A list of dissertations-doctoral art projects in which the teacher is or was a mentor in the past 10 years** | | | | | | | | | | |
|  | | | | | | | | | | |
| **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.** | Hrubik J., Glisic B., Samardzija D., Stanic B., Pogrmic-Majkic K., **Fa S.,** Andric N. (2016) Effect of PMA-induced protein kinase C activation on development and apoptosis in early zebrafish embryos. Comp Biochem Physiol C Toxicol Pharmacol 190:24-31. doi: 10.1016/j.cbpc.2016.08.002. | | | | | | | | | M21a |
| **2.** | Glisic B, Hrubik J, **Fa S,** Dopudj N, Kovacevic R, Andric N. (2016) Transcriptional profiles of glutathione-S-Transferase isoforms, Cyp, and AOE genes in atrazine-exposed zebrafish embryos. Environ Toxicol. 31 (2), 233-244, doi: 10.1002/tox.22038. | | | | | | | | | M21a |
| **3.** | **Fa S.,** Samardzija D., Odzic L., Pogrmic-Majkic K., Kaisarevic S., Kovacevic R., Andric N. (2014) Hexabromocyclododecane facilitates FSH activation of ERK1/2 and AKT through epidermal growth factor receptor in rat granulosa cells. Arch Toxicol, 88 (2), 345-354. | | | | | | | | | M21a |
| **4.** | Pogrmic-Majkic K., **Fa S.,** Dakic V., Kaisarevic S., Kovacevic R. (2010) Up-Regulation of Peripubertal Rat Leydig Cell Steroidogenesis Following 24 Hour in vitro and in vivo Exposure to Atrazine. Toxicol Sci 118, 52-60. | | | | | | | | | M21a |
| **5.** | Pogrmic K., **Fa S.,** Dakic V., Kaisarevic S., Kovacevic R. (2009) Atrazine oral exposure of peripubertal male rats down regulates steroidogenesis gene expression in Leydig cells. Toxicol Sci 111, 189-197. | | | | | | | | | M21a |
| **6.** | 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. J Appl Toxicol. 2018 Feb 13. doi: 10.1002/jat.3596 | | | | | | | | | M21 |
| **7.** | **Fa S.,** Larsen T.V., Bilde K., Daugaard T.F., Ernst E.H., Olesen R.H., Mamsen L.S., Ernst E., Larsen A., Nielsen AL. (2016) Assessment of global DNA methylation in the first trimester fetal tissues exposed to maternal cigarette smoking. Clin Epigenetics 8:128. | | | | | | | | | M21 |
| **8.** | 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 368-369:37-45. doi: 10.1016/j.tox.2016.08.016. | | | | | | | | | M21 |
| **9.** | Hrubik J., Glisic B., **Fa S.,** Pogrmic-Majkic K., Andric N. (2016) Erk-Creb pathway suppresses glutathione-S-transferase pi expression under basal and oxidative stress conditions in zebrafish embryos. Toxicol Lett 240 (1), 81-92. DOI:10.1016/j.toxlet.2015.10.013 | | | | | | | | | M21 |
| **10.** | 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. Reprod Toxicol 61:10-8. doi: 10.1016/j.reprotox.2016.02.009 | | | | | | | | | M21 |
| **11.** | **Fa S.,** Pogrmic-Majkic K., Samardzija D., Hrubik J., Glisic B., Kovacevic R., Andric N. (2015) HBCDD-induced sustained reduction in mitochondrial membrane potential, ATP and steroidogenesis in peripubertal rat Leydig cells.Toxicol Appl Pharmacol, 282 (1), 20-29. | | | | | | | | | M21 |
| **12.** | 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. Biol Reprod, 91(5): 124, 1-10. | | | | | | | | | M21 |
| **13.** | **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. Toxicol Appl Pharmacol, 270 (1), 1-8. | | | | | | | | | M21 |
| **14.** | **Fa S.,** Pogrmic-Majkic K., Dakic V., Kaisarevic S., Hrubik J., Andric N., Stojilkovic S., Kovacevic R. (2013) Acute effects of hexabromocyclododecane on Leydig cell cyclic nucleotide signaling and steroidogenesis in vitro. Toxicol Lett 218 (1), 81-90. | | | | | | | | | M21 |
| **15.** | Kucka M., Pogrmic-Majkic K., **Fa S.,** Stojilkovic S.S., Kovacevic R. (2012) Atrazine acts as an endocrine disrupter by inhibiting cAMP-specific phosphodiesterase-4. Toxicol Appl Pharmacol 265, 19-26. | | | | | | | | | M21 |
| **16.** | 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. Mol Cell Endocrinol. 461:55-63. doi: 10.1016/J.Mce.2017.08.013. | | | | | | | | | M22 |
| **17.** | **Fa S.,** Larsen T.V., Bilde K., Daugaard T.F., Ernst E.H., Lykke-Hartmann K., Olesen R.H., Mamsen L.S., Ernst E., Larsen A., Nielsen A.L. (2018) Changes in First Trimester Fetal CYP1A1 and AHRR DNA Methylation and mRNA Expression in Response to Exposure to Maternal Cigarette Smoking. Environ Toxicol Pharmacol 57:19-27. doi.org/10.1016/j.etap.2017.11.007 | | | | | | | | | M22 |
| **18.** | Kaisarevic S., Dakic V., Hrubik J., Glisic B., Lübcke-von Varel U., Pogrmic-Majkic K., **Fa S.**, Teodorovic I., Brack W., Kovacevic R. (2014) Differential expression of CYP1A1 and CYP1A2 genes in H4IIE rat hepatoma cells exposed to TCDD and PAHs. Environ Toxicol Pharm, 39(1):358-368. | | | | | | | | | M22 |
| **19.** | Pogrmic-Majkic K., Kaisarevic S., **Fa S.,** Dakic V., Glisic B., Hrubik J., Kovacevic R. (2012) Atrazine effects on antioxidant status and xenobiotic metabolizing enzymes after oral administration in peripubertal male rat. Environ Toxicol Pharmacol 34, 495–501. | | | | | | | | | M22 |
| **Cumulative data of scientific activity of the teacher** | | | | | | | | | | |
| Total number of citations, without self citations | | | | | | | **223** | | | |
| Total number of papers on the SCI (or SSCI) list | | | | | | | **22** | | | |
| Current participation in projects | | | | | | Domestic 2 | | | International 1 | |
| Specialization | | Postdoctoral training in epigenetics of early development, Aarhus University, Denmark (2015-2016) | | | | | | | | |
| Other information you consider to be important | | | | | Reviewer in journal *Toxicology and Applied Pharmacology*; Member of Ethics Committee on Protection of Animals used for Scientific Purposes at University of Novi Sad; Member of:Serbian Society for Molecular Biology, Serbian Biochemical Society, Serbian Society of Toxicology | | | | | |