|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Name and family name** | | | | | | Svetlana Fa | | | | | | |
| **Title** | | | | | | Research Associate | | | | | | |
| **Narrow scientific area** | | | | | | Animal Physiology | | | | | | |
| **Academic career** | | | | Year | Institution | | | | | Area | Narrow scientific or art area | |
| Election to the title | | | | 2015 | Faculty of Sciences, University of Novi Sad | | | | | Biology | Animal Physiology | |
| PhD | | | | 2013 | Faculty of Sciences, University of Novi Sad | | | | | Biochemistry | Animal Physiology, Reproductive endocrinology | |
| Diploma | | | | 2004 | Faculty of Sciences, University of Novi Sad | | | | | Biology | Genetics | |
| **List of subjects the teacher is lecturing in doctoral studies** | | | | | | | | | | | | |
| **No.** | | | | | | **Mark** | | **Subject name** | | | | |
|  | | | | | |  | | Developmental Origins of Health and Disease and Epigenetics | | | | |
| The most significant papers, in compliance with the requirements of the additional requirements of the standard for the given field **(minimum 10, not more than 20)** | | | | | | | | | | | | |
| 1. | **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 |
| 2. | **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. | | | | | | | | | | | M22 |
| 3. | 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. | | | | | | | | | | | M21a |
| 4. | 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. | | | | | | | | | | | M21 |
| 5. | **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 |
| 6. | **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 |
| 7. | **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 |
| 8. | **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 |
| 9. | 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 |
| 10. | 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 | | | | | | | | | | | M21 |
| **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 *Toxicology and Applied Pharmacology*; Member of Ethics Committee on Protection of Animals used for Scientific Purposes at UNS; Member of: Serbian Society for Molecular Biology, Serbian Biochemical Society, Serbian Society of Toxicology | | | | | | | | | |