|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Name and family name** | | | | | Kristina Pogrmic-Majkic | | | | |
| **Title** | | | | | Associate research professor | | | | |
| **Narrow scientific area** | | | | | Reproductive biology | | | | |
| **Academic career** | | | Year | Institution | | Area | | Narrow scientific or art area | |
| Election to the title | | | 2017 | Faculty of Sciences, UNS | | Biology | | Animal Physiology | |
| PhD | | | 2010 | Faculty of Sciences, UNS | | Biochemistry | | Reproductive endocrinology | |
| Diploma | | | 2002 | Faculty of Sciences, UNS | | Biology | | Animal Physiology | |
| **List of subjects the teacher is lecturing in doctoral studies** | | | | | | | | | |
| **No.** | **Mark** | **Subject name** | | | | | | | |
| 1 | DNB032 | Reproductive toxicology | | | | | | | |
| 2 | DNB034 | Molecular regulation of the ovarian function | | | | | | | |
| 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** | **Pogrmic K.**, Fa S., Dakic V., Kaisarevic S. and Kovacevic R. (2009) Atrazine Oral Exposure of Peripubertal Male Rats Downregulates Steroidogenesis Gene Expression in Leydig Cells. *Toxicological Sciences* 111(1): 189-197. ISSN: 1096-6080. doi: 10.1093/toxsci/kfp135. **M21a, IF (2009): 4.814** | | | | | | | | M21a |
| **2** | **Pogrmic-Majkic K.**, Fa S., Dakic V., Kaisarevic S., Kovacevic R. (2010) Upregulation of peripubertal rat Leydig cell steroidogenesis following 24h *in vitro* and *in vivo* exposure to atrazine. *Toxicological Sciences* 118(1), 52-60. ISSN: 1096-6080. doi: 10.1093/toxsci/kfq227. **M21a, IF (2010): 5.093** | | | | | | | | M21a |
| **3** | Fa S., Samardzija D., Odzic Lj., **Pogrmic-Majkic K**, Kaišarevic S., Kovačevic R., Andric N. (2014) Hexabromocyclododecane facilitates FSH activation of ERK1/2 and AKT through epidermal growth factor receptor in rat granulosa cells. *Archives of Toxicology.* 88:345-354. ISSN: 0340-5761. doi: 10.1007/s00204-013-1133-2. **M21a, IF (2014): 5.980** | | | | | | | | M21a |
| **4** | Hrubik J., Glišic 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. *Comparative Biochemistry and Physiology. C: Toxicology and Pharmacology*. 190:24-31. ISSN: 1532-0456. doi: 10.1016/j.cbpc.2016.08.002. **M21a, IF (2015): 2.546** | | | | | | | | M21a |
| **5** | Samardzija D., **Pogrmic-Majkic K.**, Fa S., Glišic 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 Toxicology.*](http://www.ncbi.nlm.nih.gov/pubmed/?term=Atrazine+blocks+ovulation+via+suppression+of+Lhr+and+Cyp19a1+mRNA+and+estradiol+secretion+in+immature+gonadotropin-treated+rats) 23;61: 10-18. ISSN: 0890-6238. doi: 10.1016/j.reprotox.2016.02.009. **M21; IF (2014): 3.227** | | | | | | | | M21 |
| **6** | **Pogrmic-Majkic K.**, Fa S., Samardzija D., Hrubik J., Kaišarevic S., Andric N. (2016) Atrazine activates multiple signaling pathways enhancing the rapid hCG-induced androgenesis in rat Leydig cells. *Toxicology.*368-369:37-45. ISSN: 0300-483X. doi: 10.1016/j.tox.2016.08.016. **M21; IF (2015): 3.817** | | | | | | | | M21 |
| **7** | [Samardzija Nenadov D](https://www.ncbi.nlm.nih.gov/pubmed/?term=Samardzija%20Nenadov%20D%5BAuthor%5D&cauthor=true&cauthor_uid=29435998)., [Pogrmic-Majkic K](https://www.ncbi.nlm.nih.gov/pubmed/?term=Pogrmic-Majkic%20K%5BAuthor%5D&cauthor=true&cauthor_uid=29435998)., [Fa S](https://www.ncbi.nlm.nih.gov/pubmed/?term=Fa%20S%5BAuthor%5D&cauthor=true&cauthor_uid=29435998)., [Stanic B](https://www.ncbi.nlm.nih.gov/pubmed/?term=Stanic%20B%5BAuthor%5D&cauthor=true&cauthor_uid=29435998)., [Tubic A](https://www.ncbi.nlm.nih.gov/pubmed/?term=Tubic%20A%5BAuthor%5D&cauthor=true&cauthor_uid=29435998)., [Andric N](https://www.ncbi.nlm.nih.gov/pubmed/?term=Andric%20N%5BAuthor%5D&cauthor=true&cauthor_uid=29435998). (2018) Environmental mixture with estrogenic activity increases Hsd3b1 expression through estrogen receptors in immature rat granulosa cells. *Journal of Applied Toxicology*. 38(6):879-887. ISSN 0260-437X. doi: 10.1002/jat.3596. M21; IF (2016): 3,159 | | | | | | | | M21 |
| **8** | [**Pogrmic-Majkic K**](https://www.ncbi.nlm.nih.gov/pubmed/?term=Pogrmic-Majkic%20K%5BAuthor%5D&cauthor=true&cauthor_uid=30951242)**.**, [Samardzija Nenadov D](https://www.ncbi.nlm.nih.gov/pubmed/?term=Samardzija%20Nenadov%20D%5BAuthor%5D&cauthor=true&cauthor_uid=30951242)., [Stanic B](https://www.ncbi.nlm.nih.gov/pubmed/?term=Stanic%20B%5BAuthor%5D&cauthor=true&cauthor_uid=30951242)., [Milatovic S](https://www.ncbi.nlm.nih.gov/pubmed/?term=Milatovic%20S%5BAuthor%5D&cauthor=true&cauthor_uid=30951242)., [Trninic-Pjevic A](https://www.ncbi.nlm.nih.gov/pubmed/?term=Trninic-Pjevic%20A%5BAuthor%5D&cauthor=true&cauthor_uid=30951242)., [Kopitovic V](https://www.ncbi.nlm.nih.gov/pubmed/?term=Kopitovic%20V%5BAuthor%5D&cauthor=true&cauthor_uid=30951242)., [Andric N](https://www.ncbi.nlm.nih.gov/pubmed/?term=Andric%20N%5BAuthor%5D&cauthor=true&cauthor_uid=30951242). (2019) T-2 toxin downregulates LHCGR expression, steroidogenesis, and cAMP level in human cumulus granulosa cells. [*Environmental Toxicology*.](https://www.ncbi.nlm.nih.gov/pubmed/30951242) 34(7):844-852. [ISSN](https://www.ncbi.nlm.nih.gov/nlmcatalog?term=%22Environmental%20toxicology%20and%20water%20quality%20ISSN%201053-4725%22%5bTITLE%5d%20NOT%20100885357%5bNLM%20Unique%20ID%5d): 1520-4081. doi: 10.1002/tox.22752. **M21; IF (2018): 2,649** | | | | | | | | M21 |
| **9** | [**Pogrmic-Majkic K**](https://www.ncbi.nlm.nih.gov/pubmed/?term=Pogrmic-Majkic%20K%5BAuthor%5D&cauthor=true&cauthor_uid=31075703)**.**, [Samardzija Nenadov D](https://www.ncbi.nlm.nih.gov/pubmed/?term=Samardzija%20Nenadov%20D%5BAuthor%5D&cauthor=true&cauthor_uid=31075703)., [Fa S](https://www.ncbi.nlm.nih.gov/pubmed/?term=Fa%20S%5BAuthor%5D&cauthor=true&cauthor_uid=31075703)., [Stanic B](https://www.ncbi.nlm.nih.gov/pubmed/?term=Stanic%20B%5BAuthor%5D&cauthor=true&cauthor_uid=31075703)., [Trninic Pjevic A](https://www.ncbi.nlm.nih.gov/pubmed/?term=Trninic%20Pjevic%20A%5BAuthor%5D&cauthor=true&cauthor_uid=31075703)., [Andric N](https://www.ncbi.nlm.nih.gov/pubmed/?term=Andric%20N%5BAuthor%5D&cauthor=true&cauthor_uid=31075703). (2019) BPA activates EGFR and ERK1/2 through PPARγ to increase expression of steroidogenic acute regulatory protein in human cumulus granulosa cells. [*Chemosphere*.](https://www.ncbi.nlm.nih.gov/pubmed/31075703) 229:60-67. ISSN: 0045-6535. doi: 10.1016/j.chemosphere.2019.04.174. **M21; IF (2018): 5,108** | | | | | | | | M21 |
| **10** | [**Pogrmic-Majkic K**](https://www.ncbi.nlm.nih.gov/pubmed/?term=Pogrmic-Majkic%20K%5BAuthor%5D&cauthor=true&cauthor_uid=31233701)., [Kosanin G](https://www.ncbi.nlm.nih.gov/pubmed/?term=Kosanin%20G%5BAuthor%5D&cauthor=true&cauthor_uid=31233701)., [Samardzija Nenadov D](https://www.ncbi.nlm.nih.gov/pubmed/?term=Samardzija%20Nenadov%20D%5BAuthor%5D&cauthor=true&cauthor_uid=31233701)., [Fa S](https://www.ncbi.nlm.nih.gov/pubmed/?term=Fa%20S%5BAuthor%5D&cauthor=true&cauthor_uid=31233701)., [Stanic B](https://www.ncbi.nlm.nih.gov/pubmed/?term=Stanic%20B%5BAuthor%5D&cauthor=true&cauthor_uid=31233701)., [Trninic Pjevic A](https://www.ncbi.nlm.nih.gov/pubmed/?term=Trninic%20Pjevic%20A%5BAuthor%5D&cauthor=true&cauthor_uid=31233701)., [Andric N](https://www.ncbi.nlm.nih.gov/pubmed/?term=Andric%20N%5BAuthor%5D&cauthor=true&cauthor_uid=31233701). (2019) Rosiglitazone increases expression of steroidogenic acute regulatory protein and progesterone production through PPARγ-EGFR-ERK1/2 in human cumulus granulosa cells. *Reproduction, fertility, and development*. [ISSN](https://www.ncbi.nlm.nih.gov/nlmcatalog?term=%22Environmental%20toxicology%20and%20water%20quality%20ISSN%201053-4725%22%5bTITLE%5d%20NOT%20100885357%5bNLM%20Unique%20ID%5d): 103-3613. doi: 10.1071/RD19108. [Epub ahead of print]. **M21; IF (2018): 1,723** | | | | | | | | M21 |
| **Cumulative data of scientific activity of the teacher** | | | | | | | | | |
| Total number of citations, without self citations | | | | | | **241** | | | |
| Total number of papers on the SCI (or SSCI) list | | | | | | **23** | | | |
| Current participation in projects | | | | | | Domestic **2** | International **1** | | |
| Specialization | | | | | | **2019 University of Naples** ”Federico II“, Department of Biology, Naples, Italy. Period 01.07.19-05.07.19. Erasmus Plus mobility program.  **2018** **Sofia University** St Kliment Ohridski, Medical Center ReproBioMed and Institute of Biology and Immunology of Reproduction, Bulgarian Academy of Sciences, Bulgaria. Period 18.11.18-01.12.18.  **2018 University of Aveiro, Portugal**, Institute of Biomedicine, Department of Medical Sciences, Signal Transduction Laboratory. Period 23.07.18-27.07.18. Erasmus Plus mobility program. | | | |
| Other information you consider to be important | | | | | | | | | |