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Кафедра биохимии Биологического факультета БГУ.

[Department of Biochemistry.](#)

Darya Igorevna Maksimovich

Assistant of Biochemistry Department. Master of Biological Sciences. Graduated from the Biochemistry Department, Biology Faculty, BSU. In 2018 graduated from the magistracy with Master's degree in Biology. Scientific interests is associated with the research of activity of antioxidant enzymes (superoxide dismutase, catalase, etc.) on various experimental models. Special attention is paid to the main aspects and associated diseases of the metabolic syndrome, which in turn is the most common disease of the 21st century.

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Teaching experience:

1. Department practical courses: Bioinformatics and computer-aided design of drugs
2. Department practical courses: Bases of toxicology
3. Department practical courses: Biotransformation of substances
4. Department practical courses: Ecological biochemistry
5. Department practical courses: Biophysics
6. Department practical courses: Metabolic biochemistry
7. Department practical courses: Metabolomics
8. Department practical courses: Tutorial practice
9. Department practical courses: Engineering Enzymology
10. Department practical courses: Structural biochemistry
11. Department practical courses: Analytical biochemistry etc

Selected Publications:

1. Maksimovich D.I., Korik E.O. Research of the activity of antioxidant enzymes in rats with experimental metabolic syndrome // Research Forum: Medicine, Biology and Chemistry: Coll. Art. Based on materials V Intern. scientific-practical conf. - № 3 (5). - M., Ed. "MTSNO", 2017. - p. 11-18.
2. Maksimovich D.I. Research of the activity of antioxidant enzymes in rats with experimental ovariectomy on the background of hormone replacement therapy // Scientific Forum: Medicine, Biology and Chemistry: Coll. Art. on materials VIII Intern. scientific-practical conf. - № 6 (8). - M., Ed. IESO, 2017.
3. Maksimovich D.I., Korik E.O. RESEARCH OF THE ACTIVITY OF ANTIOXIDANT ENZYMES IN RATS WITH EXPERIMENTAL METABOLIC SYNDROME // Internauka: scientific journal. No. 12 (16). Part 1. - M., Ed. "Internauka", 2017. - p. 10-12.
4. Maksimovich DI, Korik EO, Korneyeva KO. Evaluation of the effectiveness of using melatonin for the normalization of biochemical parameters in the blood and liver of rats with induced metabolic syndrome // Modern Problems of Biochemistry and Molecular Biology: collection of articles II of Belarus Biochemical congress. - Mn., Ed. "ITC Ministry of Finance", 2018. - p. 270-277.
5. Maksimovich D.I., Korik E.O. Research of the antioxidant potential of melatonin in the blood of rats with experimental metabolic syndrome // Electronic periodical scientific journal "Sciarticle.ru". - 2018. - No. 62. - p. 28-34.

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