Margarita Khairetdinova

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Education

• PhD student – biochemistry, The Russian Academy of Sciences (Institute of Theoretical and Experimental Biophysics)- Pushchino
• Master of Arts in Biological Sciences - Biophysics and Biomedical, Pushchino State Science and Research Institute - Pushchino, June 2012
• Specialist in the field of Biological Sciences – Zoology, Bashkir State University - Ufa, June 2010

Experience

• Study of the permeability of tumor vessels, Scientist, the Institute of Theoretical and Experimental Biophysics of the Russian Academy of Sciences, Pushchino, September 2013 - at the present time
• Delivery of actinomycin D in the tumor tissues, Research Engineer, the Institute of Cell Biophysics of Russian Academy of Sciences, Pushchino, February 2013 - September 2013
• Preparation of a suspension of tumor cells of human solid tumors, work with estrogen receptors, Scientist, the Scientific Research Institute of Experimental Diagnostics and Therapy of Tumors, Russian Academy of Medical Sciences, Moscow, December 2012 - February 2013
• Study the dynamics of iron homeostasis in rats with ascites tumor, Junior Research Scientist, the Institute of Theoretical and Experimental Biophysics of the Russian Academy of Sciences, Pushchino, july 2010 - july 2012
• Study the behavior of the dominant reaction of police service dogs, researcher, Ufa School training specialists of Cytologists, Ufa, June 2008 - June 2010.

Publications

M. M. Khairetdinova and N. L. Vekshin Energy of Interaction in Actinomycin–Nucleotide Complexes, Bioorganicheskaya Khimiya, 2014, Vol. 40, No. 1, pp. 64–69.

Participation grants

• Correcting the imbalance between pro-inflammatory and antioxidant systems using flavonoids with tumors in animals, № 1.6.11 - Party 2011
• A comprehensive study of non-specific response of the organism to the development of malignant tumors: bulk of experimental and theoretical modeling, № 2.1.1/12035 - Member, 2009-2011
• Elucidation of the role of mitochondrial systems of reactive oxygen species in the regulation of the tBit dependent cell death to develop new approaches to cancer treatment, № 8164 - Member, 2012-2013
• Development of methods for effective impact on the molecular targets of anticancer cytokine TRAIL/Apo2l to create novel anti-cancer therapeutic systems that selectively cause the death of cancer cells and non-toxic to the body as a whole, № 16.512.11.2261 - Member, 2011-2013