

Curriculum vitae

PERSONAL INFORMATION

Anastasiia Kuznetsova



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WORK EXPERIENCE

09/2012–06/2015

Assistant at the department of Biological Chemistry

Krasnoyarsk State Medical University named after V.F. Voyno-Yasenskii, Krasnoyarsk (Russia)

09/2014–Present

Senior lecturer at the department of Chemistry

Krasnoyarsk State Pedagogical University named after V.P. Astafyev, Krasnoyarsk (Russia)

09/2016–Present

Senior lecturer at the Department of Bioengineering and Organic Synthesis

National Research Tomsk Polytechnic University, Tomsk (Russia)

EDUCATION AND TRAINING

09/2004–06/2009

"Teacher of Chemistry and Biology" Specialist student

Krasnoyarsk State Pedagogical University named after V.P. Astafyev, Krasnoyarsk (Russia)

10/2010–10/2013

"Organic chemistry" Postgraduate student

Krasnoyarsk State Pedagogical University named after V.P. Astafyev, Krasnoyarsk (Russia)

12/2014

Doctor of Philosophy in Chemistry

National Research Tomsk Polytechnic University, Tomsk (Russia)

PERSONAL SKILLS

Mother tongue(s)

Russian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1	B2	B1	B1	B1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Organisational / managerial skills

- I am a member of the jury of all-Russia chemistry Olympiad (Regional stage, Krasnoyarsk);
- I was the head of the "Natural Sciences Section" at the city forum of achievements called "Sosnovoborsk Constellation" (Sosnovoborsk city, May 2015);
- I am a Member of Organizing Committee of "Chemical Science and Education in Krasnoyarsk Region" scientific-practical conference (Krasnoyarsk city, 2014-2017);
- I am a Member of Editorial Board of "Chemical Science and Education in Krasnoyarsk Region"

scientific-practical conference (Krasnoyarsk city, 2014-2017);

- I am a supervisor of junior students in their research projects;
- I am a Member of the Academic Council of KSPU n.a. V.P. Astafyev.

Job-related skills

- IR spectroscopy (measurement and interpretation)
- UV spectroscopy (measurement and interpretation)
- GCMS (measurement and interpretation)
- NMR (measurement and interpretation)
- Laboratory techniques of organic synthesis
- Scientific writing
- SciFinder, Reaxys
- Chemical software

Digital competence

OS: Microsoft Windows;
ChemOffice
MestReNova

ADDITIONAL INFORMATION

Publications

- Number of papers in peer review journals: 10
- Number of patents: 0
- Number of communications to scientific meetings: 37

Selected papers:

1. Gornostaev L.M., Kuznetsova A.S., Geets N.V., Bocharova E.A. Reaction of N-Alkyl-6(4)-bromo-2,1,3-benzoxadiazol-4(6)-amines with terminal alkynes, *Russ. J. Org. Chem.*, **2012**, V. 48, I.1, P. 137-140.
2. Kuznetsova A.S., Gornostaev L.M., Stashina G.A., Firgang I.S. Synthesis of 4(6)-aryloxy and 4-aryltio-2,1,3-benzoxadiazoles, *Russ. Chem. Bull.*, **2013**, V.62, I. 9, P. 2079-2082.
3. Kuznetsova A.S., Gornostaev L.M. Reactions of 4-R-amino-7-nitro-2,1,3-benzoxadiazoles with nitrifying and nitrosating reagents, *Butlerov Communications*, **2013**, 33(3), P.88-92.
4. Gornostaev L.M., Vigant M.V., Kargina O.I., Kuznetsova A.S., Khalyavina Y.G., Lavrikova T.I. Synthesis of 2-aryl-1-hydroxy-1H-naphtho[2,3-d]imidazole-4,9-diones by reaction of 2-benzylamino-1,4-naphthoquinones with nitric acid, *Russ. J. Org. Chem.*, **2013**, 49 (9), P. 1354-1357.
5. Kupryushkin M.S., Konevets D.A., Vasilyeva S.V., Kuznetsova A.S., Stetsenko D.A., Pyshnyi D.V. Oligonucleotide functionalization by a novel alkyne-modified nonnucleosidic reagent obtained by versatile building block chemistry. *Nucleos., Nucleot., Nucl. Acids*, **2013**, Vol. 32, P.306-319.
6. Vasilyeva S.V., Kuznetsova A. S., Khalyavina J. G., Glazunova V. A., Shtil A. A., Gornostaev L. M., Silnikov V. N. Novel fluorescent pyrimidine nucleosides containing 2,1,3-benzoxadiazole and naphtho-[1,2,3-cd]indole-6 (2H)-one fragments, *Nucleos., Nucleot., Nucl. Acids*, **2014**, Vol. 33, P.615-625.
7. Semitut E. Yu., Komarov V. Yu., Filatov E. Yu., Kuznetsova A. S., Khlebnikov A. I., Potapov A. S. Synthesis and structural characterization of copper(II) coordination polymers with 1,1,2,2-tetra(pyrazol-1-yl)ethane. *Inorg. Chem. Commun*, **2016**, Vol. 64., P.23-26
8. Gornostaev L.M., Khalyavina Y.G., Kuznetsova A.S., Fominykh O.I., Tropina D.A., Murashova E.V., Chernyshev V.V., Zamilatskov I.A. Synthesis of 13-alkylbenzo[f]isochromeno[4,3-b]indole-5,7,12(13H)-triones by reaction of 2-alkylamino-1,4-naphthoquinones with ninhydrin. *Russ. J. Org. Chem.*, **2016**, Vol. 52 (1), P. 80–86.
9. Vasilyeva S.V., Kuznetsov N. A., Kuznetsova A. S., Khalyavina J. G., Tropina D. A., Lavrikova T.I., Kargina O. I., Gornostaev L. M. DNA fluorescent labeling with naphtho[1,2,3-cd]indol-6(2H)-one for investigation of protein-DNA interactions. *Bioorg. Chem.*, **2017**, Vol. 72, P.268–272

10.Shtil A.A., Gornostaev L.M., Tsvetkov V.B., Markova A.A., Lavrikova T.I., Khalyavina Y.G., Kuznetsova A.S., Kaluzhny D.N., Shunayev A.V., Tsvetkova M.V., Glazunova V.A., Chernyshev V.V. The Oxime Derivatives of 1-R-1H-Naphtho[2,3-d][1.2.3]triazole-4.9-dione 2-oxides: Synthesis and Properties. *Anti-Cancer Agents in Medicinal Chemistry*, **2017**, Vol 17 (14), doi: 10.2174/1871520617666170327112216

Projects

- State contract. Study of synthesis methods of quinoid heteroatomic compounds. Study of their structure, physical and chemical properties. Development of synthetic approaches to precursors of quinoid heteroatomic compounds (2012-2016)
- State contract. New approaches to polyfunctional heterocyclic ligands and metal-organic frameworks based on them (2015-2017)

Honours and awards

- The winner of the "Pedagogical Debut" competition held by KSPU n.a. V.P. Astafyev (Krasnoyarsk, 2015)
- An awardee in the "Teacher of the Year" contest in KSPU n.a. V.P. Astafyev (Krasnoyarsk, 2016)
- Laureate of the mayor award for young talents (Krasnoyarsk, 2016)