



CV – ULADZIMIR M. KAUHANKA

Dep. of Physical, Colloid and Analytical Chemistry, Fac. Organic Substances Technology, BSTU (<https://en.belstu.by/faculties-and-departments/organic-substances-technology-faculty/department-of-physical-colloid-and-analytical-che.html>)

Phone: int +375 17 3273024; Email: umkauhanka@belstu.by

1. University degree: Year (2003). Sp. Chemistry, Belarusian State University, Faculty of Chemistry, Minsk, Belarus.

2. PhD degree: Year (2006).

Scientific field: Organic Chemistry

Thesis title: Synthesis of new liquid crystalline compounds based on the 2-isoxazolines transformation products

3. Docent: Year (2015). Chemistry

4. Current position:

2014 – Present: Associate Professor at Dep. of Physical, Colloid and Analytical Chemistry, Belarusian State Technological University.
30% research, 70 % teaching

5. Previous employments:

2003 – 2008: Junior researcher at A. N. Sevchenko Institute of Applied Physical Problems of Belarusian State University.

2008 – 2010: Assistant at Dep. Analytical Chemistry, Belarusian State Technological University

2010 – 2014: Lecturer at Dep. Analytical Chemistry, Belarusian State Technological University

6. Research area and profile:

Preparation of new analytical reagents, organic materials for modern analytical equipment and electronic equipment.

Preparation of biologically active fluorine-containing heterocyclic compounds.

7. Major relevant international and national collaborators: PhD Mikalai M. Kauhanka, Belarusian State Medical University.

Main scientific publications

1. Kauhanka U. M., Kauhanka M. M. Synthesis and mesomorphic properties of new liquid crystalline compounds with β -hydroxy-, β -chloroketone and α,β -unsaturated ketone moieties in the terminal chains. *Liquid Crystals*. 2004. Vol. 31. №11. P.1547-1553.

2. Kovganko V. N., Kovganko N. N. Synthesis of Substituted Benzyl Ethers of 1-(4-Hydroxyphenyl)oct-2-en-1-one. *Russ. J. Org. Chem.* 2005. Vol. 41. № 8. P. 1165 - 1168.
3. Kauhanka U.M., Kauhanka M.M. Synthesis of new liquid crystalline isoxazole-, pyrazole- and 2-isoxazoline-containing compounds. // *Liquid Crystals*. 2006. Vol. 33. №1. P.121-127.
4. Kauhanka U.M., Kauhanka M.M. New metallomesogens with enaminketonato ligands. // *Liquid Crystals*. 2006. Vol. 33. №2. P.213-218.
5. V.N. Kovganko, N.N. Kovganko, M.A. Polovkov. Synthesis of new mesogens of the 3-arylisoaxazolone and 3-arylpyrazolone series. // *Rus. J. Org. Chem.* 2010. Vol. 46. № 12. P. 1812-1816.
6. V. N. Kovganko, N. N. Kovganko. Synthesis of New Metallomesogens based on 3-Ketoesters. // *Rus. J. Gen. Chem.* 2013. Vol. 83. №. 8. P. 1556 –1562.
7. Ковганко Н.Н., Ковганко В.Н., Слабко И.Н. Синтез и антимикобактериальные свойства сложных эфиров полифторсодержащих бензальдоксимов и пиразинкарбоновой кислоты. // *Весці Нацыянальнай акадэміі навук Беларусі. Сер. хім. навук.* 2017. № 1. С. 66-72.
8. В.Н. Ковганко, Н.Н. Ковганко, И.Н. Слабко. Синтез новых 3-фторарил-2-изоксазолинов, обладающих антимикобактериальными свойствами. // *Весці Нацыянальнай акадэміі навук Беларусі. Сер. хім. навук.* 2016. № 2. С. 55-58.
9. Ковганко В. Н., Ковганко Н. Н., Дорошук Д.С. Новый подход к синтезу пиразолсодержащих жидкокристаллических соединений. // *Доклады НАН Беларусі.* 2015. Т.59. № 4. С 63-67.
10. В.Н. Ковганко, Н.Н. Ковганко, Л.И. Симоненко, И.Н. Слабко. Замещенные 3-арил-3-кетозэфиры в синтезе микобактерицидов. // *Весці Нацыянальнай акадэміі навук Беларусі. Сер. хім. навук.* 2015. № 2 . С. 39-42.