

Curriculum vitae

Kateryna A. Ohui

Department of Chemistry

Taras Shevchenko

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Education:

2015 - up to now, M. Sc. (Department of Inorganic Chemistry): Taras Shevchenko
National University of Kyiv, Kyiv, Ukraine

2010-2014, B. Sc. (Department of Inorganic Chemistry): Taras Shevchenko
National University of Kyiv, Kyiv, Ukraine

Personal:

Last name: Ohui

First name : Kateryna

Nationality: Ukrainian

Date of birth: 24 October 1992

Place of birth: Poltava, Ukraine

Marital status: single

Address: Taras Shevchenko National University of Kyiv

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Volodymyrska Str. 64

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Languages:

Native languages: Ukrainian

Russian

Foreign languages: English

Work experience:

09/2011 - up to now Coordination chemistry laboratory, Taras Shevchenko National University of Kyiv (Scientific adviser – **Prof. Dr. Igor O. Fritsky**)

Professional training:

02/2014 Institute of Inorganic Chemistry, Georg-August University of Göttingen (in the laboratory of **Prof. Franc Meyer**)

Working skills:

- Work with common equipment of chemical laboratory, execution routine operations in practice of organic and inorganic synthesis, crystals growing;
- work with IR-spectrometer, UV-VIS spectrometer, EPR-spectrometer;
- skills in interpretation of IR-spectra, UV-VIS spectra, ^1H , ^{13}C NMR spectra, EPR-spectra, mass spectra, Mössbauer spectra;
- High-level computer skills (Microsoft Office, Origin etc.) including work with chemical applications (Diamond, Chem Office, ADVASP, Win-ep, SimFonia, ISOPro etc.)

Research interests:

Synthetic and structural inorganic chemistry; spectroscopic methods in coordination chemistry; bioinorganic chemistry.

Current research focuses on the development of synthetic approaches for the preparation of polynuclear coordination compounds of Co(II, III) and Cu(II) with 2-azine hydroxamates.

Awards:

2014 – Leonhard-Euler scholarship for young scientists (by “DAAD” – German Academic Exchange Service)

Personal qualities:

Easily studies and uses obtained knowledge, sociable, active, responsible, initiative.

Proceedings and Theses of conferences:

Kateryna Ohui. Synthesis and Investigation of Heterometallic Hydroxamate 15-Metallacrowns-5. // *Conference theses. The 15th International Conference of Students and Postgraduate Students "Modern Problems of Chemistry"*. Kyiv. – 2014. – P. 19.

Oral Presentations:

"Synthesis and Investigation of Heterometallic Hydroxamate 15-Metallacrowns-5", The 15th International Conference of Students and Postgraduate Students "Modern Problems of Chemistry", Kyiv, Ukraine, 2014.

List of Publications:

1. 2-[(Pyridin-2-yl)amino]pyridinium 2,4,6-trinitrophenolate. **Kateryna A. Ohui**, Irina A. Golenya and Nadezhda A. Bokach. *Acta Cryst.* (2014). E70, o778.
2. Crystal structure of 2-{[(E)-(4-anilinophenyl)iminiumyl]methyl}-5-(diethylamino)phenolate. Md. Serajul Haque Faizi, **Kateryna A. Ohui** and Irina A. Golenya. *Acta Cryst.* (2015). E71, 1433-1435.

References:

Prof. Dr. Igor O. Fritsky

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Prof. Vadim A. Pavlenko

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