

CURRICULUM VITAE

Profile

Name **Alexandra Tsybizova**
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Date of Birth 30th of June, 1988
Nationality Russian Federation



Education & experience

2011-now Research assistant at UOCB, Czech Academy of Science
2011-now PhD student of Charles University in Prague, Faculty of Science
2005 – 2010 Student at Mendeleev University of Chemical Technology of Russia; Department of chemical engineering of organic matters and pharmaceutical substances.
MSc in chemical engineering, MSc thesis: *Investigation of 2, 3- dihydrofuro[3,2-c]coumarin-3one derivatives as fluorescent detectors of human serum albumin.*

Awards

2011 1st poster prize at Czech Mass Spectrometry Conference, Hradec Kralove
2007 1st prize at Mendeleev University competition for students in organic chemistry

Research skills

- Fluorescence Spectroscopy
- Absorption Spectroscopy
- Optical Microscopy
- Electrospray Ionization Mass Spectrometry
- Ion Mobility Mass Spectrometry
- Gas Chromatography - Mass Spectrometry

Languages & courses

- Languages: Russian (mother), English (C1), Czech (B2)
- *Scientific Writing Workshop*, Faculty of Science, Charles University in Prague, November, 2011
- *Presentations Workshop*, Faculty of Science, Charles University in Prague, February 2012

Publications

- Tsybizova, A.; Rulíšek, L.; Schröder, D.; Rokob, T. A. *Coordination and Bond Activation in Complexes of Regioisomeric Phenylpyridines with the Nickel(II) Chloride Cation in the Gas Phase*. The journal of physical chemistry A., 2012
- Tsybizova, A.; Tarábek, J.; Buchta, M.; Holý, P.; Schröder, D. *Electrospray ionization mass spectrometric investigations of the complexation behavior of macrocyclic thiacyclopentane ethers with bivalent transitional metals (Cu, Co, Ni and Zn)*. Rapid Communications in Mass Spectrometry, 2012

Participation on conferences

- Czech Mass Spectrometry Conference, Hradec Kralove, October, 2011 (Poster presentation)
- Joint conference of Polish mass spectrometry society and German mass spectrometry society, Poland, 4-7 March, 2012 (Poster presentation)
- 4th EuCheMS Chemistry Congress, Prague, 26-30 August, 2012 (Poster presentation)
- ICCOS–FOC, Moscow, 15-22 September, 2012 (Poster presentation)