



**Sebastian Chmieliński** schmielinski@biogeo.uw.edu.pl

## Education

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- 2010-2011** **M.Sc., Biotechnology**, specialty: bioanalytics, Institute of Biotechnology, Faculty of Chemistry, Warsaw University of Technology
- *Studies on the development of lab-on-a-chip system for diagnostic Fabry disease*; supervised by Dr hab. Michał Chudy
- 2006-2010** **B.Sc., Biotechnology**, Institute of Biotechnology, Faculty of Chemistry, Warsaw University of Technology
- *Studies on application of lab-on-a-chip systems for diagnostic of lysosomal storage diseases*; supervised by Dr hab. Michał Chudy

## Employment

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- I.2014– present** Centre of New Technologies, University of Warsaw, technician (lab management, mass spectrometry)
- I.2012 – XII.2013** Faculty of Physics, University of Warsaw, technician (lab management, mass spectrometry)

## Research Interests

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- Tandem mass spectrometry
- Qualitative analysis of nucleotides and their synthetic analogs
- Lab-on-a-chip systems

## Conference Communications

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- **Chmieliński S.**, Strzelecka D., Jemielity J., Kowalska J., Jakościowa analiza nukleotydów i ich analogów przy użyciu tandemowej spektrometrii mas, poster, 57. Zjazd PTChem-SITPChem, Częstochowa, Poland (14-18.09.2014).
- **Chmieliński S.**, Strzelecka D., Jemielity J., Kowalska J., The study of nucleotides and their analogs fragmentation by tandem mass spectrometry, poster, XXI Round Table On Nucleosides, Nucleotides And Nucleic Acids, Poznań, Poland (24-28.08.2014).
- Strzelecka D., **Chmieliński S.**, Jemielity J., Kowalska J., Electrospray ionization tandem mass spectrometry analysis of a broad spectrum of nucleotides and their synthetic analogs including potential therapeutic agents, poster, 15th Tetrahedron Symposium, London, United Kingdom (24-27.06.2014)

- **Chmieliński S.**, Strzelecka D., Warmiński M., Tomaszewicz Z., Jemielity J., Kowalska J., Badanie fragmentacji analogów nukleotydów o znaczeniu terapeutycznym za pomocą tandemowej spektrometrii mas, poster, 56. Zjazd PTChem-SITPChem, Siedlce, Poland (16-20.09.2013).
- Strzelecka D., **Chmieliński S.**, Jemielity J., Kowalska J., Tandem mass spectrometry analysis of nucleotides and their synthetic analogs, poster, 14th Tetrahedron Symposium, Vienna, Austria (25-28.06.2013).
- Strzelecka D., **Chmieliński S.**, Jemielity J., Kowalska J., Tandem mass spectrometry analysis of various nucleoside oligophosphates and their synthetic analogs, oral communication, II International Conference of Biophysics Students, Kraków, Poland (24-26.05.2013).
- **Chmieliński S.**, Kwapiszewski R., Chudy M., Badania nad opracowaniem mikroukładu typu „lab-on-a-chip” do diagnostyki choroby Fabry’ego, poster, ChemoFor – V Warszawskie Forum Dyplomantów Nauk Chemicznych, Warszawa, Poland (09.06.2011).
- **Chmieliński S.**, Kwapiszewski R., Chudy M., Badania nad opracowaniem mikroukładu typu „lab-on-a-chip” do diagnostyki choroby Fabry’ego, poster, ChemSession’11 - VIII Warszawskie Seminarium Doktorantów Chemików, Warszawa, Poland (13.05.2011).

## Courses

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- 9-10,16-17. 04.2011** *HPLC and combined techniques in biotechnology*, organized by Faculty of Chemistry, Warsaw University of Technology
- 14-15, 21-22.11.2009** *Sensors and biosensors*, organized by Faculty of Chemistry, Warsaw University of Technology