

# CURRICULUM VITAE

## Yury V. Ivanov

Ph.D. student

Department of Biological Sciences,  
Bowling Green State University,  
Bowling Green, OH 43403, USA

### Personal Details

Address: 400 Napoleon Rd Apt 396

Bowling Green, OH 43402, USA

Date of Birth: December 3, 1984

Place of birth: Saint-Petersburg, Russia

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### Education

2008- present, Concurrent certificate program “Bioinformatics: Proteomics/Genomics”,  
University of Toledo, Medical College, Bioinformatics Department, and  
Bowling Green State University, Department of Biological Sciences, USA

2007- present, Ph.D. Biological Sciences, Bowling Green State University, USA

2002-2007: Specialist degree in Chemistry, Saint-Petersburg State University, Russia

1992-2002: Lyceum #533, Chemistry and Biology (second language: English), Saint-Petersburg, Russia

### Positions Held

Graduate Teaching Assistant, BIOL 205, Concepts in Biology II (4 units), 2007 - present

### Research Interests

1. Bacterial transport systems of nutrients
2. Phage genetics, morphology, evolution
3. Bioinformatics (genomics/proteomics)

## Research Experience

Fall 2005 – Spring 2007:

Specialist degree thesis “ $L\alpha$  X-ray emission spectra and chemical environments of Rare Earths in some selected compounds”, Saint-Petersburg State University, Department of Chemistry, Russia

Winter 2005 – Spring 2005:

Undergraduate Research Assistant, “Heterogeneous catalysis in organic chemistry”, Saint-Petersburg State University, Department of Chemistry, Russia

Fall 2003 – Spring 2004:

Undergraduate Research Assistant, “Processes in membranes: Mass transfer”, Saint-Petersburg State University, Department of Chemistry, Russia

Winter 2002 – Spring 2003:

Undergraduate Research Assistant, “Research study of compression isotherms of stearic acid on the water sub-phase”, Saint-Petersburg State University, Department of Chemistry, Russia

## Professional Societies

Mendeleev’s Science Society

## Professional skills:

- ❖ Genomics: Molecular cloning: PCR techniques, DNA Extraction and Purification techniques, Mutagenesis techniques
- ❖ Proteomics: Immunoblotting, Extraction and purification techniques
- ❖ Chemistry: Radiolabeled iron-transport in bacteria, X-ray Spectroscopy, General Radiometry, Anion exchange chromatography, Alpha- and Gamma-Spectroscopy, various physico-chemical methods of analysis
- ❖ Bioinformatics: genomics/proteomics
- ❖ Computer skills: MS Office, Adobe Photoshop, Origin, Visual Studio C++ (novice), Perl (novice), HTML (familiar), R (familiar), Linux (familiar).
- ❖ Language skills: English (professional level), Russian (native).