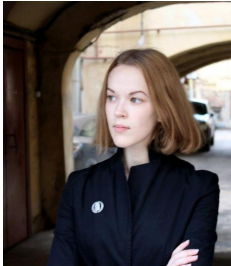


CV

PERSONAL INFORMATION



MARINA SLASHCHEVA

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✉ slashcheva@gmail.com

Date of birth 18 Sep 1993 | Nationality Russian

EDUCATION

1 Sep 2013–Present

Faculty of Biology, Department of Genetics and Biotechnology
St.Petersburg State University, St.Petersburg (Russia)
Average grade: 4.8/5
Undergraduate Student, Graduation: 2017
Expected Degree: Bachelor

1 Sep 2010–31 May 2013

Faculty of Journalism and Information
St.Petersburg State University, St.Petersburg (Russia)
Unfinished

ADDITIONAL EDUCATION

1 Sep 2015–Present

Bioinformatics Institute
St.Petersburg (Russia)
Bioinformatics for biologists
Average grade: 5/5

1 Feb 2013–31 May 2013

Biotechnology track
Interacademic program GameGhangers, St.Petersburg (Russia)

SCIENTIFIC INTERESTS

Cell biology and molecular genetics, Transcription mechanisms, Molecular evolution, Genetic Engineering, Biotechnology, Synthetic and System biology, Bioinformatics, Molecular basis of virus-host cell interactions.

RESEARCH EXPERIENCE

1 Oct 2015–Present

Research assistant

Laboratory of molecular microbiology, Research Center of Nanobiotechnologies, St.Petersburg State Polytechnical University, St.Petersburg, Russia

A non-canonical multisubunit RNA polymerase encoded by a giant bacteriophage

PBS1(AR9), PI: Maria Sokolova and Prof. Konstantin Severinov

1 Sep 2015–30 Jan 2016 *Autumn Project*

Bioinformatics Institute, St.Petersburg, Russia

Deconvolution of the cell types using gene expression data, PI: Dr. Alexander Predeus

1 Apr 2013–1 Oct 2015 *Research assistant*

Laboratory of Biochemical Genetics, Department of Genetics and Biotechnology, St. Petersburg State University, St. Petersburg

Heterologous protein expression in the methylotrophic yeast *Pichia Pastoris* using inducible promoter CUP1, PI: Prof. Marina V. Padkina

PERSONAL SKILLS

Biological skills

DNA and RNA isolation and purification, primer design, PCR techniques, molecular cloning, restriction, ligation, bacterial transformation, plasmid purification, expression of plasmid constructs in bacterial systems, maintenance of cell cultures, agarose and PAAG gel electrophoresis, Western blot, dialysis, affine and gel filtration chromatography

Bioinformatical skills

Basic knowledge of Python, Unix systems, R programming and visualisation, Git/Github. Some experience in bacterial genome assembly, quality control and annotation (SPAdes, Quast, GeneMark, Prokka, etc.)

ADDITIONAL INFORMATION

Languages

Russian – native, English – fluent, French – beginner

Certifications

- 2015: MITx On-line Course: Molecular Biology — DNA Replication and Repair
Verification: <https://verify.edx.org/cert/4cbebe5a8a424c29886fe899543c7b1e>
- 2015: MITx On-line Course: Molecular Biology — Transcription and Transposition
Verification: <https://courses.edx.org/certificates/4f3ae893e72140c68186d22c4574168f>
- 3 – 5 Nov 2015: Intensive Course on Genomic Bioinformatics