

Siras Hakobyan

CURRICULUM VITAE

Personal Information

Full Name: Siras Hakobyan
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Work Details

Position: Research assistant
Degree: Master of Sciences
Organization: Institute of Molecular Biology,
National Academy of Sciences
of the Republic of Armenia
(IMB NAS RA)
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Yerevan, Armenia
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Education

2016-2018 **Master's degree in Bioinformatics**
Speciality: Bioinformatics
Faculty of Biology, Department of Biophysics,
Yerevan State University (YSU)
2010-2016 **Bachelor's degree in Bioinformatics**
Speciality: Bioinformatics
Faculty of Biology, Department of Biophysics,
Yerevan State University (YSU)

Professional Experience

2017-current **Research assistant**
Research group of Bioinformatics
Institute of Molecular Biology NAS RA
2016-2017 **Trainee**
Research group of Bioinformatics
Institute of Molecular Biology NAS RA

Research Experience and Technical Skills:

Programming skills: R, python, bash scripting, AWK programming.
Development tools: Vim.
Bioinformatics skills: High-throughput biological data analysis, pathway and network analysis, NGS data analysis, R Bioconductor, experience in working with COSMIC, TCGA, ICGC
Operating Systems: Windows, Linux
Languages: Armenian (native), English (fluent), Russian (fluent)

Awards/Research grants:

2018-2019 Development of pathway-based drug repositioning platform, funded by the internal grant of Russian-Armenian University, Role: Participant
2018-2020 18RF-112, 2018-2020, Mechanisms underlying resistance of BRCA1-deficient ovarian cancers to PARP-inhibitors, funded by the State Committee of Sciences (SCS) of Armenia, Role: Participant
2017-2019 oBIG:Partner Initiative in Bioinformatics, Systems Medicine and Health, funded by the Federal Ministry of Education and Research, Germany, Role: Participant

Conferences, Workshops and trainings:

29-31 Oct, 2018 Foundation for Armenian Science and Technology “Engineering the Evolution”. Yerevan, Armenia
16-23 Sep, 2018 NGSchool2018 “Nanopore sequencing & personalised medicine” Lublin, Poland
24-30 Jun, 2018 “Pathway-Map” workshop. Leipzig, Germany
Oral presentation: “Assessment of somatic mutations impact on the activity of biological pathways in tumors”
18-21 Oct, 2017 Foundation for Armenian Science and Technology “Machine Learning for Discovery Sciences”. Yerevan, Armenia
31Jul-5Aug, 2018 Summer school in bioinformatics. Moscow, Russia
Oral presentation: “Pathway activity analysis in NCI-60 cell lines based on somatic mutations”