

AMIR RAKHIMOV

Date of Birth 24 January 2001
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Citizenship Kazakhstan
Gender Male

EDUCATION

October 2022 – current **PhD, Graduate Institute for Advanced Studies, SOKENDAI (Japan).**
Major: Genetics.
Supervisor: Prof. Masanori Arita

October 2019 – July 2022 **BSc, The University of Bologna (Italy).** Faculty of Pharmacy and Biotechnology.
Major: Genomics.
Thesis title: *"Linking melanoma with autoimmune diseases using disease map approaches"*
Supervisors: Prof. Federico M. Giorgi and Prof. Olaf Wolkenhauer
Final grade: 110/110 *cum laude*

WORK EXPERIENCE

March 2022 – May 2022 **Internship trainee, The University of Rostock (Germany).**
Project: Linking melanoma with autoimmune diseases using disease map approaches.
Supervisor: Olaf Wolkenhauer.

- Built disease maps in CellDesigner
- Disseminated disease maps on the MINERVA platform
- Analysed microarray data in Bioconductor

The project was supported by Erasmus+ grant for thesis

March 2021 – June 2021 **Internship trainee, The University of Bologna (Italy).**
Supervisor: Federico M. Giorgi.

- Helped to develop the experimental methodology.
- Provided the software (R code).
- Predicted COVID-19 disease incidence with the Prophet R package.

PUBLICATIONS

May 2021 Di Giacomo, S, Mercatelli, D, **Rakhimov, A** and Giorgi, FM. Preliminary report on severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) Spike mutation T478K. J Med Virol. 2021; 93: 5638– 5643.
<https://doi.org/10.1002/jmv.27062>

AWARDS AND HONOURS

- 2024 **Hiroko Morishima Progress Award** at the 34th Progress Presentation in the Genetics Program, SOKENDAI.
- 2022 **University of Bologna merit award** for deserving non-EU students enrolled in the academic year 2021/2022.
- 2021 **Erasmus+ grant for thesis** in 2022 at the Department of Systems Biology and Bioinformatics, The University of Rostock, Germany.
Supervisor: Professor Olaf Wolkenhauer.

SKILLS

Bioinformatics	Microbiome data analysis with QIIME2, Microarray data analysis
Programming	Python, R, Bash
Languages	Russian (Native), English (C1), Kazakh (B1), Italian (B1), Japanese (N5)