

Research Assistant in Bacterial Genomics

Positions in the project: Starting from 01.07.2026.

Scientific discipline: Life Sciences, Microbiology, Infection Biology

Salary amount/month: 5000 PLN net

Period of stipend agreement: 6 months

Institution: University of Warsaw

Laboratory: Laboratory of Infection Biology, Centre of Biological and Chemical Research

Project leader: Dr Marta Matuszewska (m.matuszewska10@uw.edu.pl; mm2211@cam.ac.uk)

Project title: Bioinformatic analysis of large-scale *Staphylococcus aureus* genomic datasets within the SONATA project

Description: The research assistant will support the analysis of large-scale *Staphylococcus aureus* whole-genome sequencing datasets generated, collected and/or curated within the SONATA project. The work will include genome quality control, metadata organisation, bacterial population genomic analyses, antimicrobial resistance gene detection, mobile genetic element screening, comparative genomics, data visualisation and contribution to reproducible bioinformatics workflows.

Key responsibilities:

1. Analysis of whole-genome sequencing data, including quality control and processing of genomic datasets.
2. Phylogenetic and/or comparative genomic analyses (project-dependent).
3. Identification and analysis of antimicrobial resistance determinants and genomic variation.
4. Data interpretation, visualisation, and contribution to result reporting.
5. Literature review and participation in lab meetings and seminars.
6. Collaboration with team members and contribution to ongoing research projects.
7. Development and optimisation of bioinformatics pipelines for large-scale bacterial whole-genome sequencing and comparative genomic analyses.
8. Preparation of scientific manuscripts, technical reports, and research presentations for publication and dissemination of findings.
9. Management of Linux-based computational workflows using Bash, R, and Python for reproducible genomic data analysis and visualisation.

Profile of candidates / requirements:

Basic scripting skills (bash and/or Python)

Interest in genomics, antimicrobial resistance, and/or bacterial evolution

Ability to work independently and as part of a team

Very good level of written and spoken English (paper writing and group meetings will be carried out in English)

Willingness to gain new expertise and work in international collaborative networks.

Required documents:

Short motivation letter

Curriculum vitae, including academic background, research experience, publications, conferences, awards, and training

Contact details of at least one referee

Copies of obtained diplomas

For the purpose of the recruitment process, please attach a scan of signed, written permission for recruitment-related personal data processing

Candidates are encouraged to contact the project leader to discuss the position and ask any questions they may have – m.matuszewska10@uw.edu.pl

Please submit the following documents to: m.matuszewska10@uw.edu.pl

Application deadline: 15.06.2026

The appointment will be awarded and carried out within the framework of the project “Carriage-Driven Evolutionary Mechanisms in *Staphylococcus aureus*”, UMO-2024/55/D/NZ2/03092 (Sonata).

.....
given and family name

Information on personal data processing

Controller

Controller of your personal data processed in connection with the recruitment process is the University of Warsaw, ul. Krakowskie Przedmieście 26/28, 00-927 Warszawa, as the Employer.

Contact with the controller:

- by traditional mail at: University of Warsaw, ul. Krakowskie Przedmieście 26/28, 00-927 Warszawa (name the organizational unit to which your letter is addressed);
- by phone: 22 55 20 355.

Data Protection Officer (DPO)

Controller has designated Data Protection Officer whom you may contact via email at iod@adm.uw.edu.pl. You may contact the DPO in all matters relating to your personal data processing by the University of Warsaw and the exercise of rights in relation to the processing of personal data.

The DPO, however, does not proceed other matters, like handling recruitment procedures, collecting recruitment documents, providing information on current recruitment process.

Purpose and legal grounds of data processing

Personal data of candidates for employment shall be processed for recruitment purposes only.

Your personal data shall be processed in the scope as indicated by employment law¹ (*given name (names) and family name, date of birth, contact information as provided, education, professional qualifications, previous employment*) for the purposes of this recruitment process², whereas other data³ shall be processed based on your consent which may take the following wording:

I agree to the processing of personal data provided in (e.g. CV, cover letter, and other submitted documents) by the University of Warsaw for realising my recruitment process.

¹ Art. 22¹ of the law of June 26, 1974 Labour Code (i.e. Journal of Laws 2019 item 1040 with subsequent changes);

² Art. 6 section 1 letter b of the Regulation of the European Parliament and the Council (EU) 2016/679 of April 27, 2016 on protection of individual persons with regard to the personal data processing and on the free flow of such data, and also repealing Directive 95/46/EC (general regulation on data protection) (Official Journal EU L 119 of 04.05.2016, page 1, with subsequent changes) (hereinafter as the GDPR);

³ Art. 6 section 1 letter a of the GDPR;

If your documents include data as mentioned in Art. 9 section 1 of the GDPR (special categories of personal data), processing shall be possible upon your consent to processing such data⁴ which may take the following wording:

I agree to the processing of special categories of personal data, as mentioned in Art. 9 section 1 of the GDPR, provided in (e.g. CV, cover letter, and other submitted documents) by the University of Warsaw for realising my recruitment process.

The University of Warsaw shall be also processing your personal data in future recruitment processes upon your consent⁵ which may take the following wording:

I consent to processing of my personal data for the purposes of any future recruitment processes at the University of Warsaw for the period of the next nine months.

You may revoke all such consents at any time by, for example, sending an email at (email address due for the recruitment process).

Be advised that the revocation of your consent does not affect legal compliance of processing which had been completed upon consent before its revocation.⁶

Data retention period

Your personal data collected in this recruitment process shall be stored over the period of three months from the date the recruitment process is completed.

In case you agree to process your data in future recruitments, your data shall be used over the period of nine months.

Data recipients

Officers authorized by the Controller shall have access to your personal data, the processing of which is in the scope of their duties.

Recipients of personal data may be other subjects obligated by the Controller to provide specific services involving data processing, like

.....
(name all recipients of data)

Data transfer outside the European Economic Area (EEA)

Your personal data shall be disclosed to subjects authorized by law. Signing-in is through Google Forms. Your personal data may be also processed by our provider of G-Suit for education by Google Company in their data processing centres.⁷ Your data shall be protected under the standards of the Privacy Shield, accepted by the European Commission.⁸ This shall guarantee an adequate level of data security.

⁴ Art. 9 section 2 letter a GDPR;

⁵ Art. 6 section 1 letter a GDPR;

⁶ Art. 7 section 3 GDPR;

⁷ <https://www.google.com/about/datacenters/inside/locations/index.html>

⁸ <https://www.privacyshield.gov>

Rights of the data subject

Under the GDPR data subjects have the following rights:

- to access data and to receive copies of the actual data;
- to correct (rectify) your personal data;
- to restrict processing of personal data;
- to erase personal data, subject to provisions of Art. 17 section 3 of the GDPR;
- to file a claim with the President of the Personal Data Protection Office, if you believe data processing violates law.

Information on the requirement to provide data

Providing your personal data in the scope resulting from law is necessary to participate in the recruitment process. Providing other personal data is voluntary.

.....
place and date

.....
applicant's signature