**Postdoctoral Position (microbiology , CRISPRi, antibiotic resistance, data analysis ) - 6 months**

The Laboratory of DNA Segregation and Life Cycle of Proteobacteria at IBB PAS in Warsaw, Poland, invites applications for a short postdoctoral training. The position is funded within the National Science Center SONATA-17 grant, entitled: „**CRISPRi-based screening for *Pseudomonas aeruginosa* vulnerabilities to antibiotics**” awarded to dr Adam Kawalek. The candidate will be involved in the verification of CRISPRi-seq data from screenings in the bacterial pathogen P. aeruginosa, using various techniques depending on the applicant's experience. Both experimental work and data analysis (bioinformatics) are possible. A short project description is available [here](https://bit.ly/3HO4Ris) (or in Polish [here](https://bit.ly/3HaDIWI)).

**Requirements:**

- PhD in the discipline of natural sciences or medicine (molecular biology, genetics, microbiology or related) obtained outside IBB PAS, not earlier than 7 years before starting year of the employment in the project (estimated date of employment: 15th of Feb. 2025); this period might be longer e.g. due to family reasons;

- scientific curiosity, creativity and problem solving skills, good communication skills in English;

- competence in designing and carrying out scientific experiments;

**Preferences (not required but being an asset):**

- experience in techniques related to the project (bacterial genetics, work with *P*. *aeruginosa*, CRISPR(i), transposon mutagenesis and Tn-seq, antimicrobial resistance analysis, NGS data processing and analysis, R programming);

**Conditions of employment:**

- full-time employment for 6 months;

- flexible working hours;

- gross salary of PLN ~7500/month and an additional 13th salary (non-standard tax deductible costs apply, details will be explained during the interview);

- starting date: negotiable (as soon as possible)

- IBB implements the [Welcome to IBB center](https://ibb.edu.pl/en/welcome-to-ibb-center/) project, which aim is to support foreign scientific staff;

**How to apply:**

Applications should be sent in English or in Polish via recruitment platform: <https://system.erecruiter.pl/FormTemplates/RecruitmentForm.aspx?WebID=4ce71cb23d9e49458e3059394a49599c>

Applications should contain the following documents in a single pdf file:

- scientific curriculum vitae, including a brief description of your main scientific achievements/research carried out, research methods you know/use, a list of publications and other relevant information;

- contact addresses of two referees (incl. at least one direct supervisor) and/or reference letters;

- a copy of PhD diploma or any other document which confirms PhD promotion; alternatively, information on the expected date of PhD promotion.

Candidates are encouraged to contact the project leader with informal inquiries, providing an overview of their experience to assess their fit for the role.

Any informal inquires could be sent to dr Adam Kawalek ([a.kawalek@ibb.waw.pl](mailto:a.kawalek@ibb.waw.pl)).

**Closing date: 30th of January 2025**. The evaluation process will start immediately upon receipt of the application and selected candidates will be invited for an interview.

Please include the following statements in your application:” I hereby give consent for processing of my personal data included in the documents submitted for recruitment procedure to the Institute in accordance with the act of the European Parliament and of the Council (UE) 2016/679 of 27 April, 2016 on the protection of individuals with regard to the processing of personal data and on the free flow of such data and repealing Directive 95/46 /EC (General Data Protection Regulation). I declare that I have read the information clause on personal data processing available at:

<https://ibb.edu.pl/app/uploads/2022/05/information_clause_klazula_informacyjna_recruitment_ibb-pas.pdf>.

I declare that I agree to place information about the job competition winner on the IBB PAS website dedicated to job offers.”