

Experienced postdoctoral researcher in biochemistry and structural biology Bujnicki group in IIMCB, Warsaw, Poland

We are looking for an experienced postdoctoral researcher, interested in molecular and structural biology of RNA and RNPs, and motivated to develop a career in an interdisciplinary and international team.

Our group successfully combines experimental and theoretical analyses of RNA, proteins, small molecules, and their complexes. Our main area of experimental research is to study RNAs and proteins acting on RNAs, analyze their structures, interactions and mechanisms of action, and to design and engineer enzymes with new functions.

To have an idea of the working activity of the group, check the website <http://genesilico.pl>

We are hosted by IIMCB (<http://iimcb.gov.pl>), the top-ranked (A+) Polish research institute in biology, which provides cutting-edge equipment and facilities and is distinguished by HR Excellence in Research logo.

We offer:

- Initially we offer a postdoctoral position in an ongoing grant project (until June 2018) focused on analysis and engineering of ribonucleases that cleave specific sequences in RNA ("restriction enzymes for RNA").

We intend to recruit a scientist at a mid-early stage of the postdoctoral career, interested in longer collaboration and professional development, who could continue work in our laboratory as a postdoc or as senior scientist.

The degree of independence of the follow-up position (after June 2018) will be commensurate with experience of the candidate and willingness to be involved in leadership and management, and will depend on the candidate's success in raising additional funding for joint research projects in the future.

- We offer strong institutional support (e.g. grants office, coaching by experienced scientists etc.) for candidates able and willing to apply for grants or fellowships that can provide full or partial support for the extension of their employment (e.g., from Polish sources such as FNP: HOMING, NCBR: LIDER, NCN: SONATA/SONATA-BIS or from international sources such as EMBO, MSCA etc.), and we expect the candidate to present a CV compatible with requirements of such grant schemes, including a list of significant achievements and scientific publications.

- Initial contract (September 2017 – June 2018): gross salary 11000 PLN/month (av.net salary 6000 PLN/month)

- Reduced-rate for individual medical care packages for you and your family.

- Reduced-rate memberships in MultiSport programme (<https://www.benefitsystems.pl/en/for-you/multisport/>).

- Position with 100% focus on research, with elements of research management (no teaching obligations).

- Participation in courses, conferences, scientific training, support from peers, academic mentoring.

- Follow-up employment depending on success in research and in efficiency of grant/fellowship applications.

- For those interested: support towards habilitation and future independence (e.g., training for ERC applications).

Requirements:

- PhD in biochemistry, structural biology, molecular biology or related discipline.

- Publications, documented experience in biochemical and/or biophysical analyses of biomacromolecules

- ~2-4 years of postdoctoral experience with demonstrated significant research output will be strong advantage.

- Excellent organizational skills: self- time- and project-management.

- Ability to plan and execute tasks assigned by the supervisor as well as to report progress, combined with creativity and initiative to propose, discuss, adapt, and lead new actions contributing to the key goals of the team.

- Excellent communication skills and ability to work in a dynamic, interdisciplinary environment.

- Excellent command of English, spoken and written, is a must.

- Command of Polish is advantageous, but not essential.

- Experience in experimental studies on RNA is advantageous, but not essential.

- Experience in protein engineering is advantageous, but not essential.

- Experience in structural biology is advantageous, but not essential.

- Priority will be given to candidates with expertise most relevant to the initial project (protein engineering of RNases) as well as to the general profile of the laboratory (strong potential to develop new, joint projects).

Ability and interest to pursue challenging, interdisciplinary problems, and the ability to work in strong collaboration with the team and deliver results are essential. Highly motivated individuals with a strong desire to work in an interdisciplinary environment, who are comfortable working in strict collaboration with colleagues, and are willing to be directly responsible for their duties, are encouraged to apply.

How to apply:

- We will collect applications until 14 July 2017.

- Best candidates will be invited for an interview that will take place in IIMCB on 21 July 2017.

- **Apply now** (or ask any questions you may have) to employment@genesilico.pl

- In the subject include "**Postdoc-PBS-biochemist**" and your first and last name.

- Your application must be in English and should contain a CV, a motivation letter (What is your scientific dream and how to you want to fulfill it? What are your key strengths? Why do you want to work with us?), a list of your significant achievements, and contacts to at least two potential referees, including at least one former or current direct supervisor.

- Please include the following statement in your application: "I hereby give consent for my personal data included in my application to be processed for the purposes of the recruitment process under the Personal Data Protection Act as of 29 August 1997, consolidated text: Journal of Laws 2016, item 922 as amended."