Title / job title

PhD student in Bioinformatics

as a PhD student under the Polish-Chinese Sheng research project 2021/40/Q/ NZ2/00078 "Integrative methods for modeling protein-protein complexes and multimolecular assemblies" financed by the National Science Center, project manager: dr hab. Sebastian Kmiecik, prof. of the University of Warsaw.

Number of positions: 1

Project description

The project "Integrative methods for modeling protein-protein complexes and multimolecular assemblies" includes developing new software and/or using state-of-the-art structural bioinformatics software to study the structure of protein-protein complexes (or proteins with other molecules), study structure-function relationships, drug design, supporting experimental biomedical research, cooperation with external research groups. Within the project we will cooperate with prof. Huang group from Huazhong University of Science and Technology in China.

Responsibilities

- exploring new scientific areas; learning new skills at the interface of bioinformatics, biology and medicine
- conducting research within the project (development and/or application of various methods for modeling structures of protein complexes; use of available experimental data and machine learning methods; practical applications of the software for example in drug design; analysis of modeling results; software integration and the creation of high-throughput modeling protocols)
- active participation in conducting research and entire publication proces (from idea to writing the final draft), possible conducting commercial projects
- cooperation and effective communication with the team and external research groups
- participation in determining research strategies and new research directions

Expectations

- MSc degree in chemistry, informatics, biology, or similar (or thesis close to being defended)
- experience in bioinformatics
- pro-activity and result-oriented attitude, ability to function in a situation where the framework of action is broadly defined, you will be expected to be fully responsible for conducted projects end-to-end
- good knowledge of the English language (written and spoken)
- programming skills are very welcome (Python and other languages) but not necessary if you see yourself more like a software user in solving biology/medicine problems
• machine learning skills are very welcome

What we offer

• determining directions of work based on discussions, work culture based on cooperation and support from the team; your personal growth and your opinions will be important to us
• full-time Ph.D. scholarship for 12-33 months in the amount of 5000 PLN net/month + scholarship from the Doctoral School in the standard recruitment time in June. Non-standard recruitment time results in significantly lower scholarship (5000 PLN gross).
• co-authorship of publications in recognized scientific journals
• participation in research projects on innovative biotechnology projects
• possibility of commercial cooperation with biotech and pharmaceutical companies
• support in the realization of own research ideas and self-education
• participation in international conferences
• good working conditions in a modern building of the Center for Biological and Chemical Sciences https://cnbch.uw.edu.pl/ in the center of Warsaw at the Ochota Campus of the University of Warsaw in close proximity to other research institutions in the field of biology, physics, chemistry and medicine
• flexible working hours

The application should be sent by e-mail to Sebastian Kmiecik at the address sekmi@chem.uw.edu.pl by 10/05/2022. The application should contain:

• CV (if you are a co-author of publications, please describe your contribution in their creation)
• you can attach copies of documents confirming skills and experience
• consent to the processing of personal data for the purpose of the recruitment.

Selected candidates will be informed about the date of the meeting by e-mail. The recruitment meeting will be held online. The results of the competition will be announced on the website cnbch.uw.edu.pl no later than 14 days after the competition is adjudicated.
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 data 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 consent 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.

**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. Your data shall be protected under the standards of the Privacy Shield, accepted by the European Commission. This shall guarantee an adequate level of data security.

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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