



UNIwersytet Jagielloński  
w Krakowie

**MAŁOPOLSKA CENTRE OF  
BIOTECHNOLOGY**

Address: ul. Gronostajowa 7A,  
30-387 Krakow  
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Cracow, March 2<sup>nd</sup> 2017

**Rector of the  
Jagiellonian University  
announces a contest for the position of Scientific Assistant – Department of Bioinformatics  
at MAŁOPOLSKA CENTRE OF BIOTECHNOLOGY**

Eligible contestants must meet the requirements in art. 109, which was established in 27.07.2005 followed by the Law on Higher Education (Dz. U. nr 164, poz. 1365, z późn. zm.) and meet the following qualification criteria:

- 1) Possess a scientific degree,
- 2) High evaluation of the doctoral thesis,
- 3) Overall scientific achievements in addition to a dissertation and other leading positions,
- 4) Active participation in scientific life manifesting itself, in particular, in the speeches at conferences and symposiums,
- 5) An opinion from a department director or academic supervisor in regards to the qualifications and abilities of the candidate to research.

The ideal candidate should:

- 1) Have a PhD degree in mathematics with a specialization in computer science or related obtained no earlier than 5 years prior to the planned employment,
- 2) Have a knowledge in the theory of dynamical systems and their qualitative and quantitative analysis documented by publications and / or doctoral dissertation,
- 3) Have a knowledge of molecular dynamics simulations, in particular relating to the analysis of the lipid membrane systems, knowledge of simulation package GROMACS,
- 4) Have a thorough knowledge of programming languages: Python, C / C ++, Linux at administrative and programming and management systems such as versions,
- 5) an advantage will be knowledge of computational geometry using to analyze the trajectory of molecular dynamics simulations,
- 6) Have excellent written and oral communication skills in English,
- 7) Have ability to work independently and good organizational skills,
- 8) Have the ability to apply for research funding, confirmed receiving at least one grant from public funds in the period prior to the competition.

Candidate should submit the following documents (in English) to the Malopolska Centre of Biotechnology office, Cracow ul. Gronostajowa 7A, room 3/12 or electronically in the pdf format (max size: 50 MB) by email to [beata.binieda@uj.edu.pl](mailto:beata.binieda@uj.edu.pl).

In email title please include ***“Scientific Assistant – Department of Bioinformatics”*** and your first and last names in the email subject.

The applicant should submit as well:

- 1) Motivation letter and CV
- 2) A personal questionnaire,
- 3) A copy of a doctoral or habilitation degree,
- 4) A statement of research interests,
- 5) A form of the last periodic evaluation, if the candidate was assessed,
- 6) The opinion of the head of a research unit of the predispositions to research work, in the case of candidates without a PhD degree also provides information about the prospects of habilitation,
- 7) A statement that Jagiellonian University will be the primary workplace in the case of being hired,
- 8) A statement pursuant to art.109 item 1 of the Law of Higher Education,
- 9) a statement of consent to include a minimum staff for the creation / driving toward higher education, if you win the contest,
- 10) A statement of knowledge and acceptance of the rules on intellectual property and legal protection of intellectual property.

**The deadline for submitting applications is 30th March 2017. The outcome of the contest will take place on 20<sup>th</sup> April 2017.**

The application form also must include: *“I hereby authorize you to process my personal data included in my job application for the needs of the recruitment process” (in accordance with the Act of 29 August 1997 on the protection of personal data, Dz.U. z 2015, poz. 2135, as amended).*

On behalf of  
the Rector of the Jagiellonian University  
prof. dr hab. Kazimierz Strzałka  
Director of Malopolska Centre of Biotechnology