



UNIwersytet Jagielloński  
w Krakowie

**MAŁOPOLSKA CENTRE OF  
BIOTECHNOLOGY**

Address: ul. Gronostajowa 7A,  
30-387 Cracow  
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Cracow, December 6<sup>th</sup>, 2017

**Rector of the  
Jagiellonian University  
announces a contest for the positions of  
Two PhD Students in the Developmental Biology Laboratory group at the  
MAŁOPOLSKA CENTRE OF BIOTECHNOLOGY**

We are interested in understanding mechanisms underlying early developmental event such as embryo implantation. We are now recruiting a Postdoctoral scientist to join our new team working to study the mechanism of Embryonic Diapause. The project offers the opportunity to gain experience in experimental embryology. We employ sophisticated Assisted Reproduction Technologies (ART) procedures and various molecular and structural biology methods. The position offers the chance to work in a dynamic, international team. PhD or Master student will be involved in one or more following tasks:

- Lipid analysis in oocytes and blastocysts from various mammalian species or mouse strains by CARS microscopy, DESI or MALDI spectroscopy
- Ultrastructural (TEM) analysis of oocytes and embryos
- Preparation of animals – surgery – vasectomy, ovariectomy, embryo and oocytes collection, embryo transfer to recipient females

You can find more information about our work from the following website: <http://www.mcb.uj.edu.pl/laboratorium-biologii-rozwoju>

The ideal candidate should:

- 1) Have a strong expertise in microscopy, cell biology and/or experimental embryology
- 2) Have good written and oral communication skills in English
- 3) Show a good level of independence, self-motivation and reliability
- 4) Enjoy working in a highly collaborative and interdisciplinary environment
- 5) Experience in working with animals

Candidates should submit the following documents (in English) to the Malopolska Centre of Biotechnology office, Cracow ul. Gronostajowa 7A, room 3/12 or electronically via email: [g.ptak@uj.edu.pl](mailto:g.ptak@uj.edu.pl):

- 1) CV with publication list
- 2) Description about present/previous work
- 3) Personal questionnaire
- 6) A copy of a degree in biology, biotechnology, veterinary or human medicine or any related field of life sciences
- 4) A statement of knowledge and acceptance of the rules on intellectual property and legal protection of intellectual property

Forms for points 3 and 5 can be downloaded from <http://www.dso.uj.edu.pl/druki-do-pobrania/dokumenty-dla-kandydatow-pracownikow>

**The deadline for submitting applications is 20th December 2017.**

The application form also must include the following text: *"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. No 133, item. 883, as amended).*

Na podaniu należy dopisać: „Wyrażam zgodę na przetwarzanie moich danych osobowych zawartych w mojej ofercie pracy dla potrzeb niezbędnych do realizacji procesu rekrutacji” (zgodnie z ustawą z dnia 29 sierpnia 1997 roku o ochronie danych osobowych, Dz. U. Nr 133, poz. 883 z późniejszymi zmianami).

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