



UNIwersytet Jagielloński
w Krakowie

**MAŁOPOLSKA CENTRE OF
BIOTECHNOLOGY**

Address: ul. Gronostajowa 7A,
30-387 Cracow
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Cracow, February 10th, 2020

**Contest for the positions of
PhD Student 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 PhD student 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 student will be involved in one or more following tasks:

- Lipid analysis in oocytes and blastocysts from various mouse strains by CARS microscopy or MALDI spectroscopy
- Ultrastructural (TEM) analysis of oocytes and embryos
- Surgery – vasectomy, ovariectomy, embryo and oocytes collection, embryo transfer to recipient females
- Analysis of monoparental embryos
- Molecular analysis of diapausing embryos

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:

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

Statement forms can be downloaded from the website:

<http://www.dso.uj.edu.pl/druki-do-pobrania/dokumenty-dla-kandydatow-pracownikow>

The deadline for submitting applications is 12th March 2020.