

Offer number 2018-153



Jagiellonian Centre
for Experimental Therapeutics

ul. Bobrzyńskiego 14
30-348 Kraków, Polska
tel. +48 12 664 54 64
fax +48 12 297 46 15
e-mail: jcet@jcet.eu
www.jcet.eu

INSTITUTION: Jagiellonian Centre for Experimental Therapeutics (JCET),
Jagiellonian University

CITY: Kraków

POSITION: technical position/PhD student

DISCIPLINE: physics

POSTED: 27th April 2018

EXPIRES: 31th May 2018

WEBSITE: www.jcet.eu

KEY WORDS: flow cytometry, ektacytometry, biochemical parameters

DESCRIPTION (field, expectations, comments):

The tasks of an employed person will include:

- knowledge of atomic force microscopy (AFM) along with data analysis;
- experience in AFM measurements of a biological material (cells / tissues);
- measurements of deformability and aggregation of RBCs from pRBCs;
- multivariate data analysis of all obtained biological datasets;
- comprehensive data analysis in form of report and publication preparation;
- performance of assigned tasks and instructions of the grant PI, in accordance with general regulations;
- observance of the work discipline as well as good laboratory practice rules;
- taking care of the laboratory equipment.

Requirements:

- BSc or MSc in biology, chemistry, or related discipline;
- knowledge of atomic force microscopy (AFM) along with data analysis;
- experience in AFM measurements of biological material (cells/tissues);
- experience in multivariate data analysis and handling large biological data sets;
- fluent English, spoken and written;
- preferably, experience in participating or conducting interdisciplinary research;
- preferred experience in AFM measurement of cells (in particular erythrocytes);
- preferred experience in AFM measurements of cells in aqua solutions.

We offer:

- work at the interdisciplinary JCET laboratories,
- access to the modern research equipment (see: www.jcet.eu),
- friendly, inspirational, interdisciplinary work environment.

Required documents:

- 1) letter of application with the announcement number,
- 2) curriculum vitae,
- 3) publications list,
- 4) personal questionnaire,
- 5) copy of the diploma,
- 6) declaration that Jagiellonian University will be the main employer, in case of successful recruitment process,
- 7) declaration, according to the article 109, paragraph 1 of the Higher Education Law;
- 8) declaration of familiarity and acceptance of the rules on the intellectual propriety.

The forms are downloadable from the website:

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

Each candidate is requested to apply his/her CV, job application letter (with number of the offer 2017-153 in its title) and publications list in paper version to the post address: Jagiellonian Centre for Experimental Therapeutics, ul. Bobrzyńskiego 14, 30-348 Kraków, Poland or by email address: rekrutacja@jcet.eu

Please, include in your documents this statement:

"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."