

Offer number 2018-154



Jagiellonian Centre
for Experimental Therapeutics

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INSTITUTION: Jagiellonian Centre for Experimental Therapeutics (JCET),

Jagiellonian University

CITY: Kraków

POSITION: technical position/PhD student

DISCIPLINE: biochemistry

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:

- measurements using flow cytometry of human red blood cells (RBCs) obtained from packed red blood cells (pRBCs);
- measurements of such biochemical parameters for human RBCs such as MDA, GSH, GSSG / GSH, GSSP, SOD, GP, GR;
- morphological staining of human RBCs in order to identify their type of damage;
- 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;
- experience in carrying out the biochemical measurements or morphological stainings;
- experience in analysis using ektacytometry or flow cytometry;
- experience in multivariate data analysis and handling large biological data sets;
- fluent English, spoken and written;
- preferably, experience in participating or conducting interdisciplinary research;
- preferably, experience in flow cytometry or/and ektacytometry.

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 2017-154 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."