

**Offer for the 1 position of an ASSISTANT PROFESSOR in the research staff
In Jagiellonian Centre for Experimental Therapeutics
offer no 2022-238 (post-doc)**

The project Weave-UNISONO: “*Specific pathomechanisms of aging-related endothelial dysfunction in sepsis: investigation of mechanisms and experimental therapy* Prof. dr hab. S. Chłopicki

The competitive selection process is open for all individuals, who meet the requirements set out in Articles 113 and 116.2.3) of the Act of 20 July 2018 – Law on Higher Education and Science, and who meet the following eligibility criteria according to § 165 of the Statute of the Jagiellonian University:

- 1) Holding at least a doctoral degree in the field of biomedical, medical, pharmaceutical chemical, or related;
- 2) Having relevant scientific achievements;
- 3) Taking active part in scientific life;

additional requirements:

- 4) experience in interdisciplinary in vivo/ex vivo pharmacological studies.
- 5) experience in measuring endothelial function in vivo, ex vivo, vascular biology, in vitro endothelial studies.
- 6) demonstrated experience in working with animals.
- 7) experience and knowledge in: assessment of aging changes, fluorescence microscopy measurements, molecular microscopy and biochemical analysis; sample preparation; histological, immunohistochemical and immunofluorescence stainings.
- 6) active participation in science manifested in particular by participation in foreign and domestic scientific conferences;
- 7) scientific achievements in the form of publications, trainings, participation in research projects;
- 8) experience in laboratory work,
- 9) fluency in spoken and written English;
- 10) experience and passion for scientific work.

The tasks of an employed person will include:

- 1) participation in realization of the Weave - UNISONO project financed by the National Science Centre Poland
- 2) designing, preparing and conducting experiments as part of the project;
- 3) assessment of endothelial function and permeability changes, assessment of senescence changes, performing fluorescent microscopy measurements, performing molecular and biochemical analyses; samples preparation; performing histological, immunohistochemical and immunofluorescent stainings;
- 4) data integration, statistical analysis and the analysis and description of research results;
- 5) the design, preparation and conduction of experiments, providing help in in vivo/ ex vivo experiments on small laboratory animals (rats, mouse);
- 6) preparation of periodic reports;
- 7) preparation of scientific publications, presenting the results of research;
- 8) active participation in international scientific conferences;
- 9) active co-operation with JCET teams
- 10) taking care of the entrusted laboratory equipment.

Required documents:

should submit to the JCET, ul. Bobrzyńskiego 14, 30-348 Kraków or send by email address: recruitment@jcet.eu:

1. application form;
2. resume;
3. personal questionnaire filled in by the candidate;
4. copy of the doctoral diploma or a diploma confirming the candidate's habilitation degree, if applicable;
5. information on the candidate's scientific, teaching and organisational achievements;
6. list of publications (along with the respective publishing houses and the number of pages);
7. doctoral dissertation or habilitation dissertation review, if applicable;
8. latest performance evaluation form, if the candidate was subject to such evaluation;
9. recommendation concerning the candidate's research and teaching work, issued by the director of the organisational unit or by other scientific supervisor, including the results of surveys and evaluations, if the candidate was subjected to such evaluation;
10. declaration of the candidate, confirming that the Jagiellonian University will be their primary place of work, should they be selected in the competitive selection process;
11. declaration under Article 113 of the Law on Higher Education and Science;
12. declaration on acknowledging and accepting the rules and regulations concerning intellectual property management and commercialisation in force at the Jagiellonian University;
13. information regarding processing of personal data;

Declaration forms can be obtained at: <http://www.cso.uj.edu.pl/-nauczyciele>

Application submission deadline: 28th of November 2022!