



UNIVERSITY  
OF WARSAW



## CALL FOR CANDIDATES

The Dean of the Faculty of Biology, University of Warsaw invites applications for the position of Assistant Professor under the “Excellence Initiative – Research University” Programme.

Ref no	UW/IDUB/2021/09
Position	Assistant Professor
Job type	Research post
Scientific discipline	Biological sciences.
Key words	civilization diseases, diagnostics, epidemiology, environmental and genetic background of civilization diseases
Type of employment	Fixed term employment contract
Working pattern/ Hours	Full time
Number of job offers	1
Salary	up to 20 000 PLN gross/month, but not less than the minimum defined in the Rules of Remuneration at the University of Warsaw (4 680 PLN gross/month)
Position starts on	4 <sup>th</sup> quarter of 2021
Minimum period of employment	18 months with an extension to 3 years following a successful evaluation.
Department	Faculty of Biology or Interdisciplinary Centre for Mathematical and Computational Modelling, University of Warsaw
Project title	Creation of a new interdisciplinary scientific team conducting research in the area of <b>“Background, epidemiology, diagnostics and new treatment methods for civilization diseases”</b> .
IDUB Programme and Project description	<p>The project is a part of the IDUB I.3.4 Action “Creation of three research teams that will initiate development of scientific networks conducting studies in the area of civilization diseases, emerging pollutants and circular economy”.</p> <p>The competition winner will have to create a new, interdisciplinary research team. The team will be obliged to carry out a project - proposed by the winner of the competition and accepted by the University of Warsaw – with breakthrough research in the area of <b>“Background, epidemiology, diagnostics and new treatment methods for civilization diseases”</b>.</p>

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	<p><u>Detailed research objectives (the project should be related to at least one of them):</u></p> <ul style="list-style-type: none"> <li>● development of new diagnostic methods for civilization diseases;</li> <li>● identification of environmental and genetic determinants of civilization diseases;</li> <li>● integration of socio-economic and epidemiological data.</li> </ul> <p>The competition winner is expected to obtain external funding for conducted research and to establish cooperation with leading scientific centres, which are conducting studies in similar areas. The winner of the competition is also expected to cooperate with research teams operating within the University of Warsaw.</p>
<p>Job description and responsibilities</p>	<ul style="list-style-type: none"> <li>● Conducting scientific research, in accordance with the research area of the competition and the application submitted.</li> <li>● Taking active measures to raise external funding, in order to finance the team's activities after the completion of the funding period from the Excellence Initiative (IDUB) programme.</li> <li>● Taking initiative to establish cooperation with other leading research groups in the topics represented by the research team.</li> <li>● Organising the work of the research team, supervision of the team members – in particular students and doctoral candidates who are participating in the team research.</li> <li>● Active participation in functioning of the University of Warsaw, including the organisational unit hosting the research team, and taking active measures aimed at establishing cooperation with other research groups within the University of Warsaw.</li> </ul>
<p>Key requirements</p>	<p>Only candidates that fulfil conditions defined in Art. 113 of The Act of 20 July 2020 – The Law on Higher Education and Science (Dz.U.2020 r. no. 85 with amendments)<sup>1</sup></p> <p>Other requirements:</p> <ul style="list-style-type: none"> <li>● A doctorate in biological, chemical or related sciences, and at least two years of postdoctoral research experience.</li> <li>● Distinguished academic achievements, related to the research area defined in the competition, and confirmed by publications (in the case of applied research, by patents and/or implementations).</li> <li>● Original research idea for the new team, in accordance</li> </ul>

<sup>1</sup>English translation: <https://konstytucjadlanauki.gov.pl/content/uploads/2020/06/act-of-20-july-2018-the-law-on-higher-education-and-science.pdf>

Polish original version: <http://isap.sejm.gov.pl/isap.nsf/DocDetails.xsp?id=WDU20200000085>

	<p>with the research area defined in the competition.</p> <ul style="list-style-type: none"> <li>● Experience in team management, student supervision, and the ability to establish cooperation.</li> <li>● International experience.</li> </ul> <p>We invite to apply especially persons who are not employed at the University of Warsaw.</p>
Application	<p>An application <b>in English</b> describing, among other things, professional experience of the candidate and a proposed research project to be carried out at the University of Warsaw, for which the candidate will form a new research team to conduct ground-breaking and interdisciplinary research in the research area “<b>Background, epidemiology, diagnostics and new treatment methods for civilization diseases</b>”. (The application form is available at IDUB webpage.<sup>2</sup>)</p> <p>The proposal also includes a short description of the costs planned as a part of the start-up package. The expenses must comply with the cost regulations (available at IDUB webpage<sup>3</sup>).</p> <p>The application must include the following:</p> <ol style="list-style-type: none"> <li>1. A maximum of five publications <u>from the last 10 years</u>, which document the candidate’s most important achievements.</li> <li>2. A reference letter from the last direct supervisor (compulsory for candidates who will be creating their first research team after completing their postdoctoral training), and contact details (with e-mail addresses) of three academic researchers who can provide information about the candidate (compulsory for all candidates).</li> <li>3. A signed statement (a scan), in which the candidate confirms having read and accepted the regulations for conducting competitions, as set out in Ordinance No 106 of the Rector of the University of Warsaw, from 27 September 2019, defining procedures for conducting a competition for the post of an academic teacher at the University of Warsaw (Monitor UW item 388)<sup>4</sup> – available at IDUB webpage<sup>5</sup>.</li> <li>4. A signed consent form (a scan) concerning the processing of personal data – available at IDUB webpage<sup>6</sup>.</li> </ol>

<sup>2</sup> <https://inicjatywadoskonalosci.uw.edu.pl/en/actions/i-3-4/>

<sup>3</sup> ibidem

<sup>4</sup> [https://inicjatywadoskonalosci.uw.edu.pl/wp-content/uploads/sites/11/2020/07/M.2019.282.Zarz\\_.106-EN.pdf](https://inicjatywadoskonalosci.uw.edu.pl/wp-content/uploads/sites/11/2020/07/M.2019.282.Zarz_.106-EN.pdf)  
– original document in Polish: <https://monitor.uw.edu.pl/Lists/Uchway/Uchwala.aspx?ID=5592>

<sup>5</sup> <https://inicjatywadoskonalosci.uw.edu.pl/en/actions/i-3-4/>

<sup>6</sup> ibidem

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What we offer

- Affiliation in one of two units of the **University of Warsaw**, the leading Polish university:
    - in the **Faculty of Biology** (contact: Prof. Piotr Bębas, [piotrbe@biol.uw.edu.pl](mailto:piotrbe@biol.uw.edu.pl)):
      - **Institute of Microbiology** - the Institute is particularly interested in the research on the influence of microorganisms and their activity on civilization diseases (contact: Dr Łukasz Dziewit, [ldzewit@biol.uw.edu.pl](mailto:ldzewit@biol.uw.edu.pl));
      - **Institute of Developmental Biology and Biomedical Sciences** - the Institute is particularly interested in the research on the molecular and cellular mechanisms of civilization and degenerative diseases, as well as their novel treatments (contact: Prof. Maria Anna Ciemerych-Litwinienko, [ciemerych@biol.uw.edu.pl](mailto:ciemerych@biol.uw.edu.pl));
      - **Institute of Functional Biology and Ecology** - the Institute is particularly interested in research on the mechanisms and new therapies for autoimmune diseases (contact: Prof. Maria Doligalska, [m.doligalska@biol.uw.edu.pl](mailto:m.doligalska@biol.uw.edu.pl)).
    - in the **Interdisciplinary Centre for Mathematical and Computational Modelling** - the unit is particularly interested in the research on the integration of socio-economic and epidemiological data using big data approach, artificial intelligence and machine learning, image visualization and analysis, modelling of phenomena such as disease spreading (contact: Dr Karolina Szafranek, [k.szafranek@icm.edu.pl](mailto:k.szafranek@icm.edu.pl)).
  - Work in a dynamic research community;
  - Access to hi-tech research equipment:
    - Faculty of Biology provides an access to core facilities for confocal and electron microscopy, liquid chromatography and mass spectrometry, flow cytometry, and an animal facility allowing for maintenance of laboratory rodents in the SPF (Specified Pathogen Free) purity class. The list of core facilities is available at: <https://www.biol.uw.edu.pl/uslugi/>. Additionally, each of the units has its own research equipment (details available by e-mail);
    - Interdisciplinary Centre for Mathematical and Computational Modelling provides two world-class supercomputers: the petaflop Cray XC-40 (Okeanos) for traditional intensive numerical computing and the Huawei (Enigma) cluster for big data analytics and cloud computing. In the server room there is also data storage equipment for
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	<p>approx. 20 PB of data.</p> <ul style="list-style-type: none"> <li>• Assistance in the relocation process; administrative assistance.</li> <li>• Laboratory and office space to allocate the research team and a start-up package to finance the formation of a new team, equip the laboratory, and initiate scientific research. The value of the start-up package amounts to max. 3,180,000 PLN in 3 years.</li> </ul>
How to apply	Please send an e-mail to: <a href="mailto:recruitment_i.3.4@uw.edu.pl">recruitment_i.3.4@uw.edu.pl</a> with the subject line: "UW/IDUB/2021/09"
Selection and recruitment procedure	<p>The competition consists of two stages:</p> <ul style="list-style-type: none"> <li>• In the first stage, the Selection Committee will assess the applications submitted by candidates: check their completeness, and, if the formal requirements are met, the project proposal merits and the candidate's scientific record.</li> <li>• In the second stage, candidates selected in the first stage will be invited to an interview in English to assess their suitability for conducting research under Action I.3.4 and leading a research team, as well as the candidate's research and grant plans for the next 3 years. The interviews are scheduled for mid-July 2021.</li> </ul> <p>The competition is the first stage of the recruitment procedure for an assistant professor post as specified in the Statute of the University of Warsaw, and its positive outcome is the basis for further proceedings.</p> <p>The University of Warsaw reserves the right to cancel the competition without stating the reason.</p>
Questions	<p>Please, direct your questions to Dr Anna Ajduk, e-mail address: <a href="mailto:aaajduk@biol.uw.edu.pl">aaajduk@biol.uw.edu.pl</a></p> <p>Detailed competition regulations are available at <a href="https://inicjatywadoskonalosci.uw.edu.pl/en/actions/i-3-4/">https://inicjatywadoskonalosci.uw.edu.pl/en/actions/i-3-4/</a></p>
Closing date for applications	June 23 <sup>rd</sup> 2021
Notification about the results	July 31 <sup>st</sup> 2021
Results will be announced	by phone or by e-mail