

## **Invitation to apply for the position of**

### **Assistant Professor**

in civilization diseases, diagnostics, epidemiology,  
environmental and genetic background of civilization diseases

University of Warsaw is searching for an outstanding early career scientist who will create and lead a new research group in civilization diseases, diagnostics, epidemiology, environmental and genetic background of civilization diseases. The starting position is at Assistant Professor level.

The position will be attached to the The Interdisciplinary Centre for Mathematical and Computational Modelling (ICM) or the Department of Biology.

The opportunity is described in full here: [https://inicjatywadoskonalosci.uw.edu.pl/wp-content/uploads/sites/11/2021/04/job-UW\\_IDUB\\_2021\\_09\\_EN.pdf](https://inicjatywadoskonalosci.uw.edu.pl/wp-content/uploads/sites/11/2021/04/job-UW_IDUB_2021_09_EN.pdf)

**Minimum period of employment:** 1.5 years, with possibility of extension to 3 years.

**Available funding:** max. 3,180,000 PLN (~693 580 Euro) for 3 years.

#### **Research profile for a successful candidate:**

- Discipline – biological sciences, epidemiology, modelling of epidemics,
- Function – Assistant Professor
- A doctorate in biological, chemical or natural sciences, mathematics or other relevant field and at least two years of postdoctoral research experience
- Distinguished academic achievements, related to the research area as defined here, and confirmed by publications (in the case of applied research, by patents and/or implementations).
- Original research plan for the new team.
- Experience in team management, student supervision, and the ability to establish research collaborations.
- International exposure and experience.

#### **Detailed research objectives:**

- development of new assessment (including computational) and diagnostic methods for civilization diseases;
- identification of environmental and genetic determinants of civilization diseases;
- computational analysis and integration of socio-economic and epidemiological data.

A successful candidate will be able to choose a unit to be affiliated with as either the Interdisciplinary Center of Mathematical and Computational Modelling or the Faculty of Biology, University of Warsaw.

The Interdisciplinary Center of Mathematical and Computational Modelling is the leading centre in HPC, AI, ML, Big Data and algorithms. Recent examples of ICM involvement in topics described in this opportunity include: agent-based covid-19 model for Poland used by the Ministry of Health and several crisis management services in Poland: <https://covid-19.icm.edu.pl/>; epidemiology of children with covid-19: [www.pimsudzieci.pl](http://www.pimsudzieci.pl), <https://www.medrxiv.org/content/10.1101/2021.03.30.21254584v1>, and OMICS Big Data diploma courses: <https://icm.edu.pl/edukacja/kurs-omics-data-science/>.

All qualified and interested candidates are most welcome to apply to [Marek.Michalewicz@icm.edu.pl](mailto:Marek.Michalewicz@icm.edu.pl).

#### **ICM HQ:**

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