

FORM FOR EMPLOYERS

INSTITUTION Institute of Physics of the Polish Academy of Sciences

CITY Warsaw

POSITION professor, associate professor, assistant professor (adjunct), or research assistant in theoretical biophysics

DISCIPLINE Physics, Biology, Chemistry

POSTED 13/07/2026

EXPIRES 10/08/2026

WEBSITE

https://www.ifpan.edu.pl/images/instytut/Oferty_pracy_i_konkursy/2026/2025-07-13_Profesor_020-2026_EN.pdf

KEY WORDS Physics, Biology, Chemistry, professor, associate professor, research assistant, Warsaw,

DESCRIPTION (field, expectations, comments):

Job Summary:

The candidate selected in the competition will join the Laboratory of Biological Physics SL-4 of the Institute of Physics, Polish Academy of Sciences, as a researcher in the field of biophysics/biological physics. The person will collaborate with the current staff and conduct their own research.

Job Description:

The job offer is addressed to people who are passionate about science, who find

satisfaction in conducting interdisciplinary research, for whom the employment at the Institute of Physics of the Polish Academy of Sciences will be a good opportunity to develop scientific topics related to the properties and functions of biomolecules. The selected person will participate in the ongoing research in the field of protein dynamics, with an emphasis on intrinsically disordered proteins, including conformational changes, hydrodynamics, molecular interactions and liquid-liquid phase separation. The candidate is also intended to bring a broader perspective by developing new theoretical or experimental approaches and/or topics related to the research on physical bases underlying biological phenomena. The topics can encompass i.a. physics of biopolymers at molecular level and biophysical properties of self-assembling biomolecular systems. The theoretical methods can be based i.a. on molecular dynamics computer simulations by full atom or coarse-grained modelling, statistical methods, classical and quantum mechanics calculations, deep-learning (AI), or quantum computing.

Requirements:

- Professorship, habilitation or PhD in biophysics, physics, chemistry, biochemistry, molecular biology, biotechnology or related disciplines;
- Academic background in physics;
- High quality of research achievements in one's field;
- Relevant scientific experience documented by publications;
- Experience with concepts, techniques and methods of biophysics;
- Brief presentation of the scientific plans for the employment period;

- Proficiency in spoken and written English language allowing for scientific contacts, grant application, publication writing etc.;
- Sufficient command of spoken and written Polish to independently handle administrative matters, or a declaration of commitment to acquire such proficiency as soon as possible;

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OPEN POSITION

- Reliability and diligence at work, creativity, ability to work in an interdisciplinary group.

Sub Research Field: Biophysics

Career Stage: More Experienced researcher or >10 yrs (Senior)

or Experienced researcher or 4-10 yrs (Post-Doc)

or Early stage researcher or 0-4 yrs (Post-graduate)

Type of Contract: 2 years with the possibility of prolongation or a permanent contract subject to a positive assessment from the division management and the internal IF PAN Committee, based on the candidate's scientific achievements and activity.

Status: Full-time

Salary, depending on the qualifications:

- Professor: 9,745.00 PLN gross monthly
- Associate professor (prof. IF PAN) with habilitation: 8,088.00 PLN gross monthly

- Assistant professor (adjunct): 7,114.00 PLN gross monthly

- Assistant: 4,888.00 PLN gross monthly

Contact

More information can be obtained from dr. hab. Anna Niedźwiecka, prof. IF PAN

(e-mail: annan@ifpan.edu.pl)

<https://www.ifpan.edu.pl/en/institute/scientific-divisions/laboratory-of-biological-physics.html>

Application details

Application deadline: August 10, 2026

Required materials:

- Curriculum Vitae;
- List of publications;
- Motivation letter including an outline of the proposed research plan for the period of employment, together with plans for submitting grant applications;
- Contact data (e-mail address or phone number) to at least two potential referees;
- If applicable - documents confirming scientific stays in foreign institutions (foreign relative to the country of your doctoral degree);
- Consent to process your personal data (expressed on the form attached to this announcement);
- Copy of PhD diploma (and habilitation or professorship, if applicable).

All materials should be submitted in electronic form to the address:

rekrutacja@ifpan.edu.pl with Job ID in the subject.

The Institute of Physics of the Polish Academy of Sciences has Rules for Internal Reports specifying the

procedure for reporting violations of law and taking follow-up actions, which can be found on the

Institute's website at the link:

<https://www.ifpan.edu.pl/en/institute/internal-reports-concerning-violations-of-law.htm>