

CALL OPEN FOR APPLICATIONS



**TOP 200
NAWA**

INTERNATIONAL RESEARCHERS AT IBB



Join IBB PAS as a NAWA TOP200 Fellow

We invite outstanding Junior and Senior researchers to build their own research groups at the Institute of Biochemistry and Biophysics, Polish Academy of Sciences (IBB PAS) in Warsaw.

The Institute of Biochemistry and Biophysics PAS (IBB PAS) welcomes exceptional international scientists to apply with us as their Host Institution in the **TOP200 NAWA Programme**, which funds initial **2–4-year independent research projects** led by incoming **Junior or Senior Fellows**.

As a TOP200 Fellow, you will establish and lead your **own research group**, conduct high-impact research, and receive comprehensive support to grow your international scientific career.

Why Choose IBB PAS? IBB PAS is a leading Polish research institute with internationally recognized expertise in: molecular and cellular biology, microbiology and virology, biophysics, bioinformatics and cheminformatics, RNA biology and gene expression regulation, genomics, transcriptomics, proteomics, metabolomics, plant molecular biology and stress adaptation.

Unique advantage: IBB PAS manages the **Henryk Arctowski Polish Antarctic Station**, enabling research in **polar biology, ecology, environmental genomics, and extremophile biochemistry** — a rare opportunity among molecular bioscience institutes worldwide.

Who Should Apply? (Junior and Senior Tracks)

Junior Fellows: Applicants who obtained their PhD **within the last 7 years** and have **at least 12 months of research experience** at a **top-200 global institution** ([Shanghai Ranking](#), [QS](#), [THE](#)). This track is ideal for early-career researchers seeking to establish an independent research program and develop innovative methodologies.

Senior Fellows: Established scientists with **at least 36 months of experience** at a **global top-200 institution** ([Shanghai Ranking](#), [QS](#), [THE](#)) with a demonstrated record of successful research leadership. This track is well-suited for researchers intending to build a stable research group and contribute to shaping IBB's long-term strategic goals.

We are open to group leader candidates employing multidisciplinary, molecular, biophysical, and biochemical approaches in areas including:

- Medicinal Chemistry - drug design focused on new, attractive targets and therapeutics using in silico, in vitro, and model organism approaches.
- Medical Biology – including medical microbiology, cell biology in health and disease, and molecular studies of human genetic disorders.
- Plant Biology – research on plant metabolism and plant responses to biotic and abiotic stresses, with special emphasis on challenges driven by climate change.
- Systems Biology and Omics Technologies – advanced methods for comprehensive molecular characterization, data integration, and multilevel biological analyses.
- Antarctic research – molecular biology of extremophiles and their metagenomes, with a focus on mechanisms underlying responses to global climate change.

Distinctive Opportunities Enabled by the Arctowski Antarctic Station include:

- Polar microbiology & extremophile molecular biology
- Environmental metagenomics and climate-linked molecular ecology
- Plant adaptation mechanisms in extreme environments
- Cold-active enzymes and natural product discovery

What We Offer

- Office and laboratory space
- Access to state-of-the-art core facilities, including:
 - Fluorescence Microscopy
 - Mass Spectrometry
 - DNA Sequencing and Synthesis
 - Single-Molecule Biophysics
 - Microarray Analysis
 - Cell Culture and Protein Production
 - Biological NMR
- Support from the IBB PAS Research Support Unit, International Relations Office, and Welcome Center
- Opportunities for field sample access and scientific collaboration linked to Antarctic research
- Tailored assistance throughout the fellowship
- A collaborative, interdisciplinary, international research community
- A variety of social and integration activities
- Possibility of continued employment for the Fellow and the core members of their Project Group

How to Apply to IBB PAS as Your Host

Candidates are encouraged to contact IBB PAS (international@ibb.waw.pl; secretariate@ibb.waw.pl) early to discuss:

- the fit of their research proposal
- available hosting opportunities
- the composition of the project group
- required infrastructure
- choosing the most suitable Inviting Person (the group leader who would guide and host the applicant, if needed)

Link to the program: <https://nawa.gov.pl/en/scientists/top200-nawa>