

IBB DAY PROGRAM

October 7, 2025, Conference Hall of IBiB PAS, ul. Trojdena 4, Warsaw

 The event will be conducted in Polish with English translation 

09.30 – 09.45 **Opening and welcome** – Prof. Jarosław Poznański, PhD, DSc – Director of IBB PAS

09.45 – 10.10 **Award Ceremony of the Scientific Council of IBB PAS**

Awards presented by: Prof. Wojciech Bal, PhD, DSc – Chair of the Scientific Council of IBB PAS

and Prof. Dariusz Plewczyński, PhD, DSc – Chair of the Awards Committee of the Scientific Council of IBB PAS

Diplomas for Authors of Best Doctoral Theses Defended in 2024 and Their Supervisors

1st Place: Emilia Baranowska, Biochemical and molecular basis of diseases caused by mutations in the mitochondrial ATP6 gene encoding subunit 6 of ATP synthase – studies using a yeast model.

Supervisor: Prof. Róża Kucharczyk, PhD, DSc

2nd Place: Karolina Maciak, Identification and characterization of the molecular basis of congenital hemolytic anemias.

Supervisor: Beata Burzyńska, PhD, DSc, Professor of IBB

3rd Place: Małgorzata Dylewska, The role of AlkB dioxygenases from *E. coli* and human ALKBH3, and AlkA glycosylase from *E. coli* in the repair of acrolein adducts to adenine and cytosine in DNA.

Supervisor: Agnieszka M. Maciejewska, PhD, DSc, Assistant supervisor: Damian Mielecki, PhD

3rd Place: Dawid Płonka, Hecparin as a metal-ion-binding peptide.

Supervisor: Prof. Wojciech Bal, PhD, DSc

Awards for Best Scientific Publications of 2024

Experimental:

1st Place: Iwanska O., Latoch P., Kopik N., Kovalenko M., Lichocka M., Serwa R, Starosta A.L. Translation in *Bacillus subtilis* is spatially and temporally coordinated during sporulation. *Nat. Comm.* 2024;15(1):7188

2nd Place: Czarnocka-Cieciura A.*, Poznański J.*, Turtola M., Tomecki R., Krawczyk P.S., Mroczek S., Orzel W., Saha U., Jensen T.H., Dziembowski A., Tudek A. Modeling of mRNA deadenylation rates reveal a complex relationship between mRNA deadenylation and decay. *EMBO J.* 2024;43(24):6525

3rd Place: Szczepańska A., Olek K., Kołodziejka K., Yu J., Tudu Ibrahim A., Adamkiewicz L., Schroeder F.C., Pokrzywa W., Turek M. Pheromone-based communication influences the production of somatic extracellular vesicles in *C.elegans*. *Nat. Comm.* 2024;15(1):2715

Review Articles:

1st Place: Łazowski K., Woodgate R., Fijałkowska I.J. *Escherichia coli* DNA replication: the old model organism still holds many surprises. *FEMS Microbiol. Rev.* 2024; 48/4/fuae018

2nd Place: Kopczyńska J., Kowalczyk M. The potential of short-chain fatty acid epigenetic regulation in chronic low-grade inflammation and obesity. *Front Immunol.* 2024;15:1380476.

10.10 – 10.20 **Recognition of Institute employees – honoring of staff engaged in non-scientific activities benefitting the Institute, as well as former long-term employees of the Institute**

Presented by: Prof. Agnieszka Sirko, PhD, DSc - Deputy Director of Science, IBB PAS

10.20 – 11.00 **Inspiring Research Perspectives: Stories from Our Scientists**

When Life Pretends to Be Death: Seed Dormancy, Szymon Świeżewski, PhD, DSc, Professor of IBB, EMBO Member

All the Colors of Antarctica, Prof. Robert Bialik, PhD, DSc – Laureate of the „Antarctica under the Wings of Orlen”



11.00 – 11.20 coffee break

11.20 – 12.20 **Discussion: Quo vadis IBB?** Moderators: Marta Hoffman & Tomasz Frączyk

12.20 – 12.50 **Group Photo** of the IBB Community and Invited Guests in Front of the Main Entrance to IBB PAS



12.50 – 13.50 lunch

14.00 – 15.00 **Presentation of Three Awarded Publications** (Experimental Studies) in English

1st award – Agata Starosta, PhD, DSc, Professor of IBB

2nd award – Agnieszka Tudek, PhD, DSc, Professor of IBB

3rd award – Michał Turek, PhD, DSc, Professor of IBB

Closing of the Ceremony and Opportunity for Informal Discussion over Coffee or Tea until 4:00 PM