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IX. MICROBIOLOGY SYMPOSIUM
'METAGENOMES OF VARIOUS ENVIRONMENTS'
Lublin, 23-24 June 2025

metagenomy2025@mail.umcs.pl; www.metagenomy2025.umcs.pl



Announcement No 2

You are cordially invited to take part in the

IX. Microbiology Symposium – “Metagenomes of various environments”.

The Symposium will be held on 23-24 June 2025 at Maria Curie-Skłodowska University,
in the building of the Institute of Computer Science at 9 Akademicka Street in the centre of Lublin.

The main organiser of the Symposium is

Marie Curie Skłodowska University and the Polish Society of Microbiologists.

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PURPOSE AND SCOPE OF THE CONFERENCE

The main objective of the Symposium is to present the latest developments in metagenomics, metataxonomics, metatranscriptomics, metabolomics, microbiology, and mycology in the context of contemporary European and global trends related to agriculture and horticulture, including environmental quality, biodiversity, and phytopathology. The conference aims to promote research on microbiomes and mycobiomes, mainly in agroecosystems, fitting into the new concept of the plant, according to which the plant is a holobiont, i.e. a host of coexisting organisms that, through metabolic cooperation as well as exchange of signals and nutrients, ensure the proper functioning and immunity of plants, which is extremely important for maintaining the state of ecological balance and protecting against states of dysbiosis.

The Symposium also aims to provide scientific discussion and demonstration of state-of-the-art methods used in studies of micro-organisms, including genomics, genetics, and molecular biology, which provide a better understanding of the biochemistry and physiology of bacteria and fungi as well as their importance in environmental and agricultural protection. The Symposium will present techniques and results of 'omics' research in the analysis of environmental samples. This research makes it possible to explore new microbiomes, monitor the composition of the microbial consortium, and assess the potential for their use in agriculture and environmental protection.

The symposium will provide a forum for the exchange of experience in the application of state-of-the-art research methods and 'omics' techniques, including bioinformatics and data analysis, facilitating comprehensive identification of microbial biodiversity in different environments. This scientific event will allow the integration and establishment of new and strengthening existing contacts of the scientific community from the field of agricultural, biological, environmental, and biotechnological sciences, especially in terms of conducting interdisciplinary research and joint research projects. This conference is the only cyclic event in Poland covering, promoting, and disseminating the use of high-throughput sequencing techniques for application in agriculture and horticulture and comprehensive identification of microbial biodiversity in agroecosystems.

The Symposium provides an opportunity for young students of science to present their research results. Each edition of the Symposium to date has been attended by more than 100 scientists, who are specialists and experts in the fields of microbial ecology, phytopathology, genetics, microbiology, bioinformatics, environmental protection, and agriculture.

The ninth edition of the Symposium will be another opportunity to bring together researchers using different sequencing techniques and will enable the continuation of discussions on the possibilities and perspectives of studying environmental samples using metagenomic methods.

We are planning to organise the following scientific sessions:

Session I - Prokaryotic microbiome of various environments

Session II - Eukaryotic microbiome of various environments

Session III - Metagenomes of the soil environment and their application in biotechnology

Session IV - Applied metagenomics, metabolomics, and proteomics and their relevance to environmental quality monitoring and human health

OPENING AND PLENARY LECTURES WILL BE GIVEN BY:

prof. dr hab. Wiesław Barabasz, East European State Higher School in Przemyśl

prof. dr hab. Dariusz Bartosik, Warsaw University

prof. dr Heribert Insam, University of Innsbruck, Austria, BioTreaT Company

prof. dr hab. Adam Jaworski, Social Academy of Sciences SAN University, Łódź, University of Łódź

prof. dr hab. inż. czł. koresp. PAN Małgorzata Jędryczka, Institute of Plant Genetics PAN, Poznań

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prof. dr François Rineau, Hasselt University, Belgium

prof. dr Adriano Sofò, University of Basilicata, Italy

prof. dr Jaco Vangronsveld, Hasselt University, Belgium

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Department of Industrial and Environmental Microbiology (KMPIŚ), UMCS

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Members from the Symposium Co-organising Institutions:

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prof. dr hab. Anna Gałązka (IUNG– State Research Institute, Puławy); member of OT PTM in Lublin

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CONFERENCE REGISTRATION

Please send a completed Symposium registration form to the address of the secretariat (metagenomy2025@mail.umcs.pl) by 18.04.2025

[Registration Form](#)

CONFERENCE FEE

The conference fee must be paid by 18.04.2025

full - **550** PLN; members of PTM 100 PLN discount - **450** PLN

reduced (for students and doctoral students) - **350** PLN; members PTM 100 PLN discount - **250** PLN

The fee should be transferred to account number:

87 1140 1094 0000 2905 1600 1176

transfer title: Metagenomy 2025

COMPETITION FOR YOUNG SCIENTISTS

A competition for young scientists (PhD students, postdocs up to 5 years after their PhD) will be held for the best lecture and poster.

Prizes will be awarded in two categories (lecture, poster):

one grand prize and three honourable mentions each.

Special prizes will also be awarded by the Lublin branches of Polish Genetic Society and Polish Society of Microbiologist.

PREPARATION OF ABSTRACTS FOR INCLUSION IN THE CONFERENCE PROCEEDINGS

Abstracts of 1 page B5 in Polish and English should be prepared according to the attached template: [Abstract Form](#) and sent to the address of the secretariat (metagenomy2025@mail.umcs.pl) by 10.05.2025

The inclusion of an abstract in the proceedings is subject to payment of the conference fee by one of the Authors. Two abstracts can be submitted with one fee.

Conference materials will be distributed to participants during the Symposium.

PREPARATION OF POSTERS

Please prepare your posters in maximum **A1** format.

Posters will be presented during the poster sessions scheduled in the programme.

Please submit electronic poster presentations in **A3** format (in portrait orientation) as pdf files for posting on the Symposium website by **15.06.2025**.

WELCOME TO LUBLIN!

