The International Union of Microbiological Societies

IUMS

INTERNATIONAL UNION OF MICROBIOLOGICAL SOCIETIES
The International Union of Microbiological Societies (IUMS) is the voice of microorganisms bringing together regional and national societies of microbiology throughout the world.

https://iums.org
The International Union of Microbiological Societies was founded in 1927 as the International Society for Microbiology.

IUMS is one of the 31 Scientific Unions of the International Council of Scientific Unions, a non-governmental organization with a unique global membership that brings together 40 international scientific Unions and Associations and over 140 national and regional scientific organizations.

IUMS has 96 national member societies and 26 associate member societies spread throughout the world and consists of three Divisions:

- Bacteriology & Applied Microbiology (BAM),
- Mycology and Eukaryotic Microbiology (MEM),
- Virology

The main activity of IUMS has been to organize a global meeting of microbiologists every three years.

Grants to young scientists and scientists from developing countries to attend IUMS International Congresses.

Grants to member societies and COMCOFs for assistance in organizing workshops, training courses and scientific meetings.
The International Union of Microbiological Societies

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Microorganisms were the first form of life to appear in our planet 3.8 billion years ago. 2.5 billion years ago they generated the first eukaryotic cell from which derived all animals and plants.

All animals and plants, including humans, evolved and now survive in a world dominated by microbes that is inextricably linked to their functioning and survival (Kent H. Redford, Conservation Biology).

Our planet is populated by 1 trillion species of microorganisms. They include bacteria, viruses, fungi, parasites, unicellular microorganisms.

A minority of them are pathogens (1400 species, 208 viruses or prions, 538 bacteria, 317 fungi, 57 protozoa, and 287 helminths) are also responsible of infectious diseases.

999,99 billion species of microorganisms are useful and essential to the life in our planet.
This week, Montreal, Canada, is at the epicenter of international negotiations for biodiversity. Thousands of people from around the world are attending the 15th Conference of the Parties to the United Nations Convention on Biological Diversity (COP15) to witness the negotiation of a new Global Biodiversity Framework. Its goals and targets re-...
United Nations Biodiversity Conference
COP15 / CP-MOP10 / NP-MOP4
Montreal, Canada, 7-19 December 2022

The Honourable Steven Guilbeault
Minister of Environment and Climate Change
Government of Canada

The UN Biodiversity Conference will be a historical event and we are excited to welcome the world to Montreal, Canada. It will be a collaborative and constructive partner towards the adoption of the post-2020 global biodiversity framework – our opportunity to provide a healthy, sustainable planet for future generations and all of Earth's biodiversity.

H.E. Mr. Huang Runqiu
Minister of Ecology & Environment & President of the COP15
People’s Republic of China

Biodiversity loss is a challenge for humanity. As COP15 Presidency, China is sparing no effort in promoting the adoption of the post-2020 global biodiversity framework. We stand ready to work with the international community to foster a just and equitable global biodiversity governance system that embodies the best efforts of all parties and build a shared future for all life on earth.

Monitor biodiversity for action
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No microbiology in the agenda!!!!
A call to action
from IUMS, the International Union of Microbiological Societies

IUMS is worried about the dramatic impact that our civilization is having on the diversity of microorganisms that sustain the life in our planet. The intention of the new mission of IUMS is:

- To **raise the awareness** of the importance of microbes for every living organism, and for the planet itself

- To **mobilize the search for sustainable solutions** to save the microbes which will also help to save our planet.

- **Bring the diversity of microorganisms to the attention of United Nations**
Save the microbes to save the planet. A call to action of the International Union of the Microbiological Societies (IUMS)

Rino Rappuoli, Paul Young, Eliora Ron, Simone Pecetta and Mariagrazia Pizza
The International Union of the Microbiological Societies (IUMS) is deeply worried about the loss of diversity of the microbial world and published a paper entitled “Save the Microbes to Save the planet” which is a call to action to mobilize all microbiological societies globally to support the achievement of the Sustainable Development Goals by promoting the development of sustainable solutions to control infectious agents while preserving the global microbial diversity and the healthy life of our planet.
Please plan to be at the IUMS meeting

Florence, October 2024!

A unique opportunity to discuss
- Science
- The role of **microbiologists** in today’s society
- To raise the voice of microbiology
Thank you