

# Why attend IUMS 2024

## Pioneering Microbiology for a Healthier Planet

In the ever-evolving landscape of science, the International Union of Microbiological Societies (IUMS) is set to host a landmark event in 2024 **that promises to illuminate the path forward in the world of microbiology.** IUMS 2024 is not just a gathering; it's a beacon of knowledge, innovation, and collaboration, designed to address some of the most pressing challenges our planet faces today.

## What are the key factors that will be discussed at IUMS 2024?

The IUMS 2024 congress serves as a platform **to explore the profound ways in which microbiology can contribute to saving our planet.**

From environmental remediation to sustainable agriculture, microbiology is at the forefront of solutions that can transform the way we interact with our world. The shadow of the recent pandemic looms large, reminding us of the critical importance of preparedness. In an era where global interconnectivity is the norm, **the next major health crisis is not a question of "if" but "when and where."**

At IUMS 2024, **we delve into strategies and innovations to better prepare ourselves for the challenges that lie ahead,** learning from the lessons of the recent years. While the world collectively grappled with COVID-19, another silent crisis continued to escalate – **antibiotic resistance.**

The misuse and overuse of antibiotics pose a profound risk to

human health. **We confront this challenge head-on**, examining the consequences and exploring strategies to combat antibiotic resistance effectively.

# What sets IUMS 2024 apart?

- **Explore the main three divisions of microbiology**, including Bacteriology and Applied Microbiology, Virology, and Mycology and Eukaryotic Microbiology.
- **Be a part of the only congress that unites all of these divisions**, creating a comprehensive and stimulating learning environment, with bridging sessions, keynotes and lectures.
- **Gain invaluable insights from world-leading scientists**, ensuring you receive the highest level of knowledge and expertise.
- **Explore the advancements, technologies, and innovations** from these three distinct disciplines in one place.
- **Forge new connections with peers from diverse fields**, engaging in nurturing debates and recognizing the interconnectedness of microbiology and its impact on our world.

# What topics and

# trends will be covered at IUMS 2024?

**IUMS 2024 is set to present an extensive scientific program**, including a wide array of topics within the realms of Microbiology, with particular focus on its three main divisions, including:

- The effect of climate change
- Global warming
- Clinicians involvement
- New technologies & innovations
- Cutting-edge science
- Microbiome
- Host pathogen interactions
- Pandemics

**Interested in attending IUMS 2024?**

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