

## Opportunities for scientific collaboration

Seminar organized by Institutes of Romanian Academy:

**Institute of Biology  
Bucharest**



**Ștefan S. Nicolau**

**Institute of Virology**



&

**Romanian Academy  
&  
Chinese Academy of Sciences**



Date: 19 November 2024

Time: 09:00 – 11:00

Venue:

**Institute of Biology Bucharest**

Scientific Council Room, 1st floor ,

Splaiul Independenței 286, Sector 6, 060031, Bucharest

**Guest of honor:**

**Acad. ZHU Yongguan**

General Director,



## Programme

### **Organizer and Chair:**

**Dr. Marilena Onete**, Coordinator of Department of Taxonomy, Ecology and Nature Conservation

9:00-9:10

### **Welcome speech:**

**Dr. Sorin Ștefănuț**, Director of Institute of Biology Bucharest, Romanian Academy

**Dr. Carmen C. Diaconu**, Director of "Ștefan S. Nicolau" Institute of Virology, Bucharest, Romanian Academy

### **Presentations:**

9:10-9:15

Minodora **Manu & Marilena Onete**

Soil fauna (mites) - bioindicator of the heavy metal polluted ecosystems, from Romania

9:15-9:20

**Cristina Fiera, Minodora Manu, Ioana Vicol, Monica Mitoi, C. Tiberiu Sahlean & Diana E. Vadana**

Integrating soil biodiversity to ecosystemic services focusing on identifying drivers and pressures of soil biodiversity under land use changes in Romania.

9:20-9:25

**Victoria Ioana Păun<sup>#</sup>, Corina Ițcuș<sup>#</sup> & Cristina Purcărea**

Applicative potential of cold-active microbiome from icy environments in medicine and bionanotechnologies

9:25-9:30

**Corina Ițcuș<sup>#</sup>, Victoria Ioana Păun<sup>#</sup> & Cristina Purcărea**

Antimicrobial activity of marine microbial strains against bacterial pathogens

<sup>#</sup>authors with equal contribution

9:30-9:35

**Georgiana Necula-Petrăreanu & Cristina Purcărea**

Advances in biosensing using cold-active extremozymes

9:35-9:40

**Roxana Cojoc & Ioana Lucaci**

Halophilic environments - source of metabolites with application potential

9:40-11:00

**Free discussions and laboratories visit**



*Traditional light meal*