



Joint Event on

# Bacteriology, Virology, Pediatrics, and Plant Science

Hotel Thessoni Classic Zurich, Zurich, Switzerland  
Date: July 21-23, 2025



ProCognition Conferences OÜ  
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# SCIENTIFIC PROGRAM

DAY 01 - July 21, 2025

Hotel Thessoni Classic Zurich, Zurich,  
Switzerland

## 9:00 - 9:30 Registration and Opening Ceremony

### Keynote Forum-1

- 9:30 - 10:15 **Checkpoint inhibitor immunotherapy markers in pediatric tumors**  
**Mai He**, *Washington University in St. Louis, USA*  
**Multi-homosubunit dsDNA/dsRNA-virus genome packaging motors and ABC transporters**  
10:15 - 11:00 **with sequential revolving mechanisms for developing potent antiviral drugs**  
**Peixuan Guo**, *The Ohio State University, USA*

### Morning Coffee Break and Networking 11:00 - 11:15

- 11:15 - 12:00 **Evaluation of the lytic activity of bacteriophages on pseudomonas aeruginosa strains associated with hospital infections**  
**Josefina Leon Felix**, *Centro de Investigacion en Alimentacion y Desarrollo, Mexico*  
**Chemically Mediated Interactions between Grapevine, Aphid, Ladybird, and Ant in the**  
12:00 - 12:45 **Context of Insect Chemical Ecology**  
**Taghreed Alsufyani**, *Taif University, Kingdom of Saudi Arabia*

### Oral Sessions 1

- 12:45 - 13:15 **Cytokine Profiling for Predicting Early Death in transient abnormal myelopoiesis: A report from the JPLSG TAM-10 trial**  
**Genki Yamato**, *Gunma University, Japan*

### Lunch Break and Networking 13:15 - 14:15

### Poster Session - 1 14:15 - 15:15

- PO1 **Production of bacteriophages for personalized therapy of nosocomial infections caused by multidrug-resistant Pseudomonas aeruginosa**  
**Melissa Itzel Gonzalez Cazarez**, *Centro de Investigacion en Alimentacion y Desarrollo, Mexico*  
PO2 **The Potential Use of Termite's Semiochemicals for Safeguarding Date Palms Against Termite**  
**Noura Alotaibi**, *Taif University, Kingdom of Saudi Arabia*  
PO3 **Causal agents of field pea root rot and pathogenicity of the pathogens on legume crops and potatoes in Eastern Canada**  
**Dahu Chen**, *Fredericton Research and Development Centre, Canada*  
PO4 **Respiratory syncytial virus-like particles retain their stability at various temperatures**  
**Fu Shi Quan**, *Kyung Hee University, Republic of Korea*  
PO5 **The distribution area of Congo-Crimean hemorrhagic fever in the territory of the Republic of Kazakhstan**  
**Orazymbetova Nurgul**, *Research Institute for Biological Safety Problems, Kazakhstan*  
PO6 **Distribution of the bluetongue virus in the southern and northern regions of the Republic of Kazakhstan 2023-2024**  
**Dias Ibragimuly Muzarap**, *Research Institute for Biological Safety Problems, Kazakhstan*  
PO7 **Molecular characterization of circulating dengue virus to determine the replication fitness using cell culture and animal model**  
**Chandan Kumar Verma**, *Translational Health Science and Technology Institute, India*  
PO8 **Bacterial communities of Hyalomma ticks identified by 16S rRNA metagenomic sequencing in Kazakhstan**  
**Shynybekova Gaukhar**, *Research Institute for Biological Safety Problems, Kazakhstan*  
PO9 **Investigation of Possible Reservoirs of Camelpox Virus in Western Kazakhstan**  
**Turyskeldy Sholpan**, *Al Farabi Kazakh National University, Kazakhstan*  
PO10 **Diagnosis of rabies and molecular evidence of disease spread in wild animals**  
**Abubakirova Aigerim Kalieva**, *Research Institute of Biological Safety Problems, Kazakhstan*



## Oral Sessions 2

- 15:15 - 15:45 The role of Chinese herbal medicines for COVID-19 in prevention, treatment and rehabilitation: literature review and our studies  
**Yibin FENG**, *The University of Hong Kong, Hong Kong*
- 15:45 - 16:15 New treatment for depression and anxiety disorders based on *Crataegus Pinnatifida*  
**Ravid Doron**, *The Open University, Israel*

## Evening Coffee Break and Networking 16:15 - 16:30

- 16:30 - 17:00 Environmental Risk Factors for Non-Syndromic Cleft Lip and Palate  
**Fatma Dawood Abdulhameed**, *King Salman Medical City, Medina, Saudi Arabia*
- 17:00 - 17:30 Associations between 24-hour movement guidelines and socio-emotional competence among preschool children: A cross-sectional study  
**Xinxin Wang**, *Guangzhou University, China*

## Networking and Day Closing

## Day 2 | July 22, 2025

### Keynote Forum-2

- 9:30 - 10:15 Paediatric ECMO and Trauma – what are the recommendations?  
**Shahzad Akram**, *Karolinska University Hospital, Stockholm, Sweden*
- 10:15 - 11:00 Emergence and diversity of hypervirulent *Klebsiella pneumoniae* causing cryptogenic liver abscesses and metastatic complications in Argentina  
**Mariangel Rinaudo**, *Facultad de Ciencias Bioquímicas y Farmacéuticas, Universidad Nacional de Rosario, Argentina*

## Coffee Break and Networking 11:00 - 11:15

- 11:15 - 12:00 The sublytic effects of alpha-hemolysin of *E. coli* in circulation  
**Vanessa Herlax**, *Universidad Nacional de La Plata, Argentina*

### Oral Sessions 3

- 12:00 - 12:30 SARS-CoV-2 envelope viroporin and intracellular calcium homeostasis of human cells  
**Laura Sartiani**, *University of Florence, Italy*
- 12:30 - 13:00 Epidemiological analysis of the spread of Newcastle disease in Kazakhstan  
**Yerbol Burashev**, *Research Institute for Biological Safety Problems, Kazakhstan*

## Lunch Break and Networking 13:00 - 14:00

- 14:00 - 14:30 Potential for Misinterpretation in the Laboratory Diagnosis of *Clostridioides difficile* Infections  
**Alexandra Kalacheva**, *Sofia university st. Kliment Ohridski, Bulgaria*
- 14:30 - 15:00 Molecular Surveillance of Measles Viruses in the Eastern Mediterranean Region: Insights from the 2019 Outbreak in Tunisia  
**Anissa Chouikha**, *Pasteur Institute of Tunis, Tunisia*
- 15:00 - 15:30 Simulation-based education on initial neonatal care skills performance among nursing and midwifery students in Tanzania: Post interventional study  
**Rosemary M. Malya**, *KCMC University, Tanzania*
- 15:30 - 16:00 Photobiomodulation therapy can be a complementary therapy for children  
**Jih Huah Wu**, *Ming Chuan University, Taiwan*

## Evening Coffee Break and Networking 16:00 - 16:15

- 16:15 - 16:45 Evaluation of maternal immunity in calves born to cows vaccinated with an associated inactivated vaccine against infectious bovine rhinotracheitis and bovine viral diarrhoea  
**Kurmasheva Alina Kairzhanovna**, *Kazakh National Agrarian Research University, Kazakhstan*
- 16:45 - 17:15 Peptide REF1 is a local wound signal promoting plant regeneration  
**Chuanyou Li**, *Shandong Agricultural University, China*

## Networking and Day Closing

