



INTERNATIONAL WORKSHOP
Combating antimicrobial resistance using bacteriophages for eco-sustainable
agriculture and food systems-ECOPHAGE

Scientific Schedule

Venue: Charles Darwin's Room. Burjassot-Paterna Campus.
Universitat de València

Tuesday, September 12

8:00 – 9:00 a.m.

Registration

9:00 - 9:30 a.m.

Welcome, Opening Session

CRP Theme Coordinator

Brief presentation about the OECD Cooperative Research Programme (CRP)

9:30-10:00 a.m.

Opening Remarks

Coordinator and organizers presentation

Institutional representatives from the Universitat de València.

Session I: Animal Production, Aquaculture and Veterinary

Moderator: Dr. Rafael Tabla (CICYTEX, Spain)

10:00- 10:20 a.m.

Keynote Speaker

Dr. Andrea Moreno-Switt (Catholic Pontifical University of Chile)

*One Health Approach to study Salmonella to develop a precision
bacteriophage-based intervention for food safety*



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10:20- 10:40 a.m.

Keynote Speaker

Dr. Roberto Bastias (Catholic Pontifical University of Valparaíso, Chile)
Use of bacteriophages for the control of diseases affecting farmed fish

10:40 - 11:10 a.m.

Coffee Break

11:10- 11:30 a.m.

Keynote Speaker

Dr. Pablo Cifuentes (PhageLab, Chile)
Phage application model in animal production systems

11:30- 11:50 a.m.

Keynote Speaker

Dr. Susana Casado (Unit of Immuno-Bio Veterinary Medicines. AEMPS, Spain)
Guideline on quality, safety and efficacy of bacteriophages as veterinary medicine

11:50- 12:30 p.m.

Round Table

12:30 – 14:00 p.m.

Lunch

Session II: Agriculture and Environmental Issues

Moderator: Dr. Elena G. Biosca (Universitat de València, Spain)

14:00 -14:20 p.m.

Keynote Speaker

Dr. Jeroen Wagemans (University of Leuven, Belgium)
Back to the roots: phage biocontrol of Agrobacterium, causing hairy root disease in tomato production



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14:20 – 14:40 p.m.

Keynote Speaker

Dr. Antonet Svircev (Agriculture and Agri-Food Canada)

Bacteriophages applications for eco-sustainable agriculture with focus on the control of fire blight

14:40 – 15:00 p.m.

Keynote Speaker

Dr. Hany Anany (Agriculture and Agri-food University of Guelph, Canada)

Bio-sanitation and Bio-control potential of free and immobilized bacteriophages to enhance food safety

15:00 – 15:20 p.m.

Keynote Speaker

Dr. Natsuko Nakayama (Japan Fisheries Research and Education Agency (FRA), Japan)

Application of a virus-based control method reducing the damages by the marine harmful dinoflagellate Heterocapsa circularisquama.

15:20 – 16:00 p.m.

Round Table

16:00 - 16:30 p.m.

Coffee Break

Session III: Improving Safety in Food Production

Moderator: Dr. Pilar García (IPLA-CSIC, Spain)

16:30 – 16:50 p.m.

Keynote Speaker

Dr Mohamed Islam (Paul G. Allen School for Global Health, Washington State University, USA)

Antimicrobial resistance among human, plant and animal sources transmission risk hot spots



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16:50 – 17:10 p.m.

Keynote Speaker

Dr. Thomas Denes (University of Tennessee Department of Food Science, USA)
Overcoming challenges for phage applications in food safety with directed evolution

17:10 – 17:30 p.m.

Keynote Speaker

Dr. Alexander Sulakvelidze (President and CEO Intralytix, Inc., USA)
Phage-based control of bacterial pathogens in environmental and food processing settings

17:30 – 17:50 p.m.

Keynote Speaker

Dr. John Deaton (ADM Science & Technology, Georgia, USA)
The future of bacteriophages in industry

17:50 – 18:30 p.m.

Round Table

19:00-20:30 p.m.

Welcome wine
by Microomics Systems S.L.



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Wednesday, September 13

Session IV: Citizen Science: Improving Consumer Perception of Phage-based Products

Moderator: Dr. Dácil Rivera (University Andres Bello, Chile)

9:00 - 9:20 a.m.

Keynote Speaker

Dr. Lone Brondsted (University of Copenhagen, Denmark)

Use of phages and phage-based solutions in food production to ensure safe food “Advancing phage applications in food production”

9:20-9:40 a.m.

Keynote Speaker

Dr. Rob Lavigne (University of Leuven, Belgium)

Importance of scientific dissemination in the risk perception of bacteriophage use

9:40-10:00 a.m.

Dr. Cristina Muñoz Madero (Department of Medicines for Veterinary Use. Coordinator of the National Antibiotics Plan. AEMPS, Spain)
Solving doubts about the legislative framework for new antimicrobials

10:00-11:00 a.m.

Round Table

11:00 - 11:30 a.m.

Coffee Break

11:30- 12:30 p.m.

Wrap-up session