



Galleria mellonella WORKSHOP

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WEBINAR CONGRESS

JULY 16th, 2021 from 09.00 to 17.00

JULY 17th, 2021 from 09.00 to 12.30

July 16th, 2021 - Day 1

OPENING OF POSTER SESSION AND POSTER EXHIBITION

- 08.45-09.00** Registration of participants (access and connection to web platform)
- 09.00-09.15** Welcome and Introduction to the meeting
S. Centanni (Milan, Italy)

SESSION 1 **GALLERIA AS AN INFECTION MODEL**

Chair: **R. Titball** (Exeter, UK), **C. Nielsen-LeRoux** (Paris, France)

- 09.15-09.40** Characterization of the processes leading to *Madurella mycetomatis* grain transformation in *Galleria mellonella* larvae
K. Kavanagh (Maynooth, Ireland)
- 09.40-10.10** *Galleria mellonella* as an infection model for the *Mycobacterium tuberculosis* complex
P. Langford (London, UK)
- 10.10-10.30** Omics based study of Coxiella burnetii infection
R. Titball (Exeter, UK)
- 10.30-10.45** Discussion
- 10.45-11.00** Break

SESSION 2 **ORAL POSTER SESSION**

11.00-12.15 15 Oral Poster Presentations

12.15-13.30 Break

SESSION 3 **DRUG DISCOVERY**

Chair: **E. Mylonakis** (Rhode Island, US), **R. Titball** (Exeter, UK)

- 13.30-14.00** *Galleria mellonella*-derived antimicrobial peptides a new antibiotic lead molecules
A. Vilcinskis (Giessen, Germany)
- 14.00-14.30** *Galleria mellonella* as a novel *in vivo* drug discovery platform using bioluminescent KAPE pathogens
O. Champion (Torquay, Devon UK)
- 14.30-15.00** Anti-MRSA Compounds Identified Using a Whole-Animal *Caenorhabditis elegans*/*Galleria mellonella* Sequential-Screening Approach
E. Mylonakis (Rhode Island, US)
- 15.00-15.15** Discussion
- 15.15-15.30** Conclusions

END OF THE FIRST DAY

July 17th, 2021 - Day 2

OPENING OF POSTER SESSION AND POSTER EXHIBITION

SESSION 4 **MICROBIOTA AND GASTROINTESTINAL PATHOGENS**

Chair: **O. Champion** (Torquay, Devon, UK), **A. Vilcinskis** (Giessen, Germany)

- 09.30-10.00** *Galleria mellonella* gut microbiota manipulation impacts on larval development
E. Borghi (Milan, Italy)
- 10.00-10.30** *Galleria mellonella* as a model for intestinal infection and histology studies
C. Nielsen-LeRoux (Paris, France)
- 10.30-10.45** Break

SESSION 5 **GALLERIA AS BIOFILM - RELATED INFECTION MODEL**

Chair: **K. Kavanagh** (Maynooth, Ireland), **E. Mylonakis** (Rhode Island, US)

- 10.45-11.15** Foreign body infection model in *Galleria mellonella* larvae implanted with stainless steel K-wires
M. Di Luca (Pisa, Italy)
 - 11.15-11.45** Exploring the *Galleria mellonella* model to study action mechanisms of probiotics on *Candida* biofilms and candidiasis prevention
J.C. Junqueira (Sao Paulo, Brazil)
 - 11.45-12.00** Discussion
 - 12.00-12.15** Conclusions
- END OF WORKSHOP

DATES OF CONGRESS

Friday July 16th, 2021, from 09.00 to 18.00

Saturday July 17th, 2021, from 09.00 to 12.30

SCIENTIFIC SECRETARIAT

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SCIENTIFIC COMMITTEE

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Juliana Campos Junqueira - Universidade Estadual Paulista, Sao Paulo, Brazil
Olivia Champion - BioSystems technology Ltd, Torquay, Devon UK
Mariagrazia Di Luca - University of Pisa, Italy
Kevin Kavanagh - Maynooth University, Maynooth (Ireland)
Paul Langford - Imperial College London, UK
Eleftherios Mylonakis - Brown University, Rhode Island, US
Christina Nielsen-LeRoux - INRAE Center of Jouy en Josas, Paris, France
Emerenziana Ottaviano - University of Milan, Italy
Richard Titball - University of Exeter, UK
Andreas Vilcinskis - Justus Liebig University of Giessen, Germany

ORGANIZING SECRETARIAT



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ONLINE REGISTRATION

www.gmw2021.it

The registration includes:
- Participation at webinar congress works
- Attendance certificate
- Post-event educational materials
- Assistance of a technician before and during the webinar Congress

Workshop without CME accreditation

PARTICIPANTS

100

OFFICIAL LANGUAGE

English

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