

One Health Workshop

Faculty of Agriculture, Food & Environment, Hebrew University of Jerusalem

Faculty of Medicine, Tel Aviv University

University of Tennessee, Knoxville

November 11, 2021

7:00 - 11:00 am ET US / 2:00 - 6:00 pm Israel

Held Online

Register at tiny.utk.edu/IsraelOneHealth

7:00 - 7:25 am / 2:00 - 2:25 pm

WELCOME REMARKS

Chair: **Deb Miller**, Director, One Health Initiative, University of Tennessee, Knoxville

President Randy Boyd, the University of Tennessee System

Vice-President Oron Shagrir, International Affairs, Hebrew University of Jerusalem

Vice Dean Karen Avraham, Faculty of Medicine, Tel Aviv University

7:25 - 8:10 am / 2:25 - 3:10 pm

PANEL 1 & DISCUSSION

Chair: **Gad Baneth**, Director of the Koret School of Veterinary Medicine, Faculty of Agriculture, Food & Environment, Hebrew University of Jerusalem

[David Talmy](#), Department of Microbiology, University of Tennessee, Knoxville

"Understanding the molecular basis of competition among cyanobacteria in contrasting ecosystems"

[Benny Chefetz](#), Department of Soil and Water Sciences, Faculty of Agriculture, Food & Environment, Hebrew University of Jerusalem

"Water Reuse: Mixture of Chemicals of Emerging Concern in Our Produce"

8:10 - 8:15 am / 3:10 - 3:15 pm

BREAK

8:15 - 9:00 am / 3:15 - 4:00 pm

PANEL 2 & DISCUSSION

Chair: **David White**, AgResearch & Food Science, Institute of Agriculture, University of Tennessee, Knoxville

Gladys Alexandre, Department of Biochemistry and Cellular and Molecular Biology, University of Tennessee, Knoxville

"Harnessing nitrogen fixation in plant growth promoting bacteria for sustainable agriculture"

Sharon Schlesinger, Department of Animal Sciences, Faculty of Agriculture, Food & Environment, Hebrew University of Jerusalem

"The effect of heat shock on the transcriptional regulation of bovine mesenchymal stem cells"

Chair: **Carole Myers**, Associate Director, One Health Initiative & Nursing, University of Tennessee, Knoxville

9:00 - 9:05 am / 4:00 - 4:05 pm

BREAK

9:05 - 10:05 am / 4:05 - 5:05 pm

PANEL 3 & DISCUSSION

Anat Amit-Aharon, Department of Nursing, School of Health Professions, Faculty of Medicine, Tel Aviv University

"The association of syndemics theory to health disparities"

Bruria Adini, Department of Emergency Management and Disaster Medicine in the School of Public Health, Faculty of Medicine, Tel Aviv University

"Managing the COVID-19 pandemic: Fear, anxiety and resilience"

Ehud Elnekave, Koret School of Veterinary Medicine, Faculty of Agriculture, Food and Environment

"Salmonella foodborne infections - a major risk for public health"

10:05 - 10:10 am / 5:05 - 5:10 pm

BREAK

10:10 -10:35 am / 5:10-5:35 pm

FUNDING OPPORTUNITIES

Maya Sherman, Head of the International Desk, Authority for Research and Development,
Hebrew University of Jerusalem

"Funding Opportunities for US and Israeli scholars in One Health"

10:35-40 am / 5:35-40 pm

BREAKOUT ROOM INTRODUCTION & REMARKS

Nina Fefferman, Associate Director, One Health Initiative & Ecology and Evolutionary Biology,
University of Tennessee, Knoxville

10:40-11:00 am/ 5:40-6:00 pm

BREAKOUT ROOMS: COLLABORATIVE INTERESTS

Breakout Room 1) Agriculture, Food, & the Environment, Hans Goertz, UT AgResearch & Smith
Center for International Sustainable Agriculture, University of Tennessee Institute of Agriculture

Breakout Room 2) Human and Animal Medicine, Dr. Rachel Rui, Office of Asian Engagement,
Center for Global Engagement, University of Tennessee, Knoxville

Breakout Room 3) Animal and Human Public Health, Prof. Aron Troen, Director, Nutrition and
Brain Health Lab, Faculty of Agriculture, Food & Environment, Hebrew University of Jerusalem

Breakout Room 4) One Health and Microbiology, Dr. Jamie McGowan, Global Research Office,
Center for Global Engagement, University of Tennessee, Knoxville