# 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](http://tiny.utk.edu/IsraelOneHealth)

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| 7:00 - 7:25 am | **WELCOME REMARKS**           | Chair: Deb Miller, Director & Forestry, Wildlife and Fisheries, 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 | **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 | **BREAK**                      |                                                                          |


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"

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

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**9:05 - 10:05 am / 4:05 - 5:05 pm**  **PANEL 3 & DISCUSSION**

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

**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"

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**10:05 - 10:10 am / 5:05 -5:10 pm**  **BREAK**
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"

BREAKOUT ROOM INTRODUCTION & REMARKS

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

BREAKOUT ROOMS: COLLABORATIVE INTERESTS

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

Breakout Room 1) Agriculture, Food, & the Environment
Breakout Room 2) Human and Animal Medicine
Breakout Room 3) Animal and Human Public Health
Breakout Room 4) One Health and Microbiology