

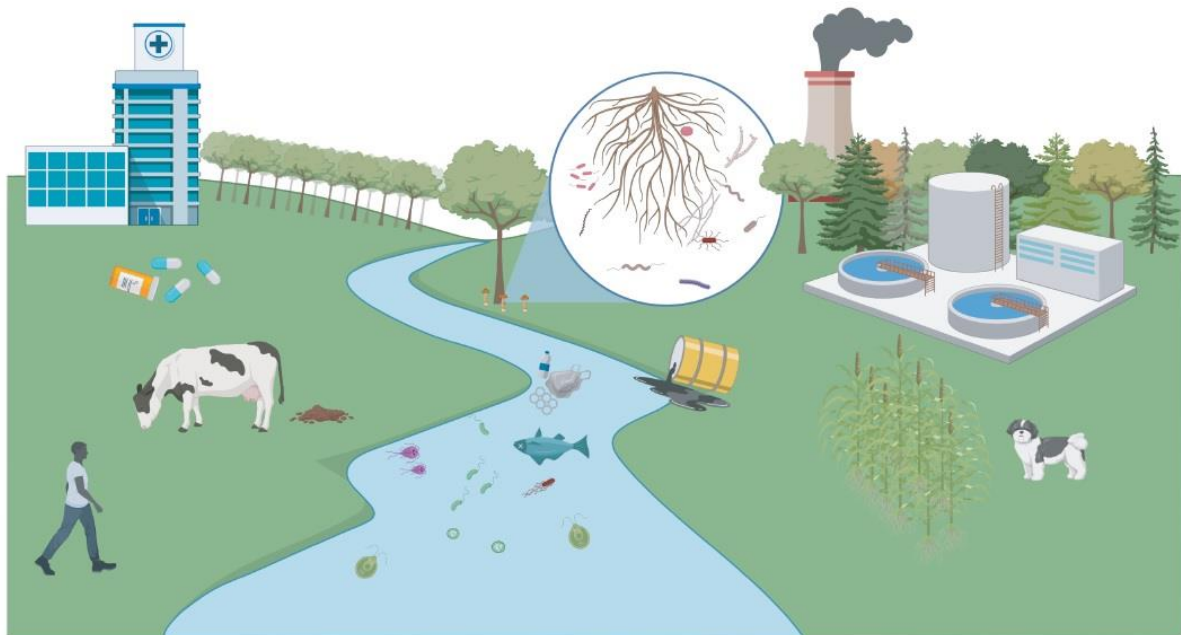


UNIVERSIDAD AUTÓNOMA DE  
CHIHUAHUA



Bashan Institute of Science

## International Symposium on Microbiology: One Health 2021



Date: May 12 to 14, 2021

Place: Digital platforms: WEBEX, Google MEET, Zoom and YouTube

Audience: Students, scholars, researchers and general public

Languages: English and Spanish

Objectives:

- Raise awareness about the importance of microbiology in basic and applied research related to human, veterinary, and environmental health, commonly known as One Health.
- Open a space for students, academics, and the community in general to interact with internationally renowned researchers in the areas of environmental microbiology and health.

## Program

HOUR	SPEAKER	TITLE
<b>WEDNESDAY MAY 12</b>		
8:00-8:30	<b>INAUGURATION</b>	
8:30 – 9:30	Dr. Eddie Cytryn. Volcani Agriculture Research Center - Israel	Antibiotic resistance in agroecosystems
9:30 – 10:30	Dr. Luis Fernando Lozano Aguirre Beltrán. Centro de Ciencias Genómicas – IBT-UNAM - Mexico	Análisis metabólicos y metagenómicos de muestras clínicas
10:30 – 11:00	<b>BREAK</b>	
11:00 – 12:00	Dr. Luz E. de-Bashan GMA-CIBNOR, Mexico and BIS USA	Inoculantes bacterianos y su uso en suelos degradados de zonas áridas
12:00 – 13:00	Dr. German Cuevas. Rodríguez Universidad de Guanajuato - Mexico	Nanopartículas como contaminantes emergentes en sistemas de tratamiento de aguas residuales
<b>THURSDAY MAY 13</b>		
8:00 – 9:00	Prof. Anton Hartmann. Helmholtz Zentrum – Germany	Signaling between beneficial bacteria and plants
9:00 – 10:00	M.C. Juan Pablo Hernández. Universidad El Bosque – Colombia	Ecología microbiana de ecosistemas de paramo

10:00 – 10:30	<b>BREAK</b>	
10:30 – 11:30	Dr. Brendan Higgins. Auburn University – USA	Microbial communities in wastewater treatments
11:30 – 12:30	Dra. Susana López Charreton. Instituto de Biotecnología – UNAM- Mexico	¿Por qué son cada vez más frecuentes las pandemias?
<b>FRIDAY MAY 14</b>		
8:00 – 9:00	Prof. Paolo Nannipieri. University of Florence – Italy	Beyond microbial diversity to predict soil functions
9:00 – 10:00	Dr. Francisco Magallón Barajas CIBNOR – México	Alternativas a la antibioterapia en sistemas acuícolas
10:00-10:30	<b>BREAK</b>	
10:30 – 11:30	Dr. Yi Wang Auburn University – USA	Towards energy, environment, and health nexus: Understanding and Manipulating BioSystems using Metabolic Engineering and Synthetic Biology Approaches