

# Scientific Program

## Webinar on Applied Microbiology and Beneficial Microbes

Thursday  
August 26, 2021

### Day 1 - August 26, 2021 - British Time

13:00 - 13:10 Introduction

#### Oral Presentations

- 13:10 - 13:35 The effect of effective microorganisms on the growth and the nutrient content of tomato transplants  
**Margit Olle**, NPO Veggies Cultivation, Estonia
- 13:35 - 14:00 Production and characterisation of biosynthetic hydrogel wound dressings to tackle hard - to - heal wounds  
**Abhishek Gupta**, University of Wolverhampton, UK
- 14:00 - 14:25 DNA damage response in radioresistant bacterium *Deinococcus radiodurans*: Beyond LexA/RecA type canonical SOS response  
**Hari S Misra**, Bhabha Atomic Research Centre, India
- 14:25 - 14:50 Emerging diseases and their management in vegetable crops  
**A N Tripathi**, ICAR - Indian Institute of Vegetable Research, India
- 14:50 - 15:15 Cloning, expression and purification of arsenic reductase gene from *Thermus Aquaticus*  
**Bushra Muneer**, Government College University Lahore, Pakistan
- 15:15 - 15:40 Respiratory allergy control by probiotic fermented milk intake: A mouse model from weaning to maturity  
**Eva María del Mar Velez**, Facultad de Bioquímica, Química y Farmacia – UNT, Argentina
- 15:40 - 16:05 Effect of gut dysbiosis on the development of Multiple Sclerosis  
**Kouichi Ito**, Rutgers Robert Wood Johnson Medical School, USA

#### Poster Presentations

- 16:05 - 16:15 Regulation of the *Irpex lacteus* polysaccharide - hydrolyzing secretome activity by different carbon sources  
**Eka Metreveli**, Agricultural University of Georgia, Georgia
- 16:15 - 16:25 The influence of effective microorganisms on the growth and nutrient content of tomato transplants  
**Margit Olle**, NPO Veggies Cultivation, Estonia

End of Day 1 Sessions

# Scientific Program

Webinar on  
**Applied Microbiology and  
Beneficial Microbes**

**Friday  
August 27, 2021**

Day 2 - August 27, 2021 - British Time

## Oral Presentations

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|---------------|--|
| 14:00 - 14:25 | Antagonistic interactions and phylogenetic diversity of antimicrobial agents producing marine bacteria in Suez Bay<br><b>Sahar Wefky Mostafa Hassana</b> , National Institute of Oceanography and Fisheries, Egypt |
| 14:25 - 14:50 | Isolation and identification of low density polyethylene degrading novel bacterial strains<br><b>Habibullah Nadeem</b> , Government College University Faisalabad, Pakistan  |
| 14:50 - 15:15 | Innovative strategies for emerging zoonotic tuberculosis implementation research in Sudan<br><b>Ayman A Elshayeb</b> , Elbarkal Multi Activities for Research and Consultancy, Sudan                               |
| 15:15 - 15:40 | Evaluation of the <i>in vitro</i> antibacterial activity of silver nanoparticles (Ag NPs) green - synthesized using Algerian bee pollen extract<br><b>Mokhnache Mohamed</b> , Université de Sétif, Algeria         |
| 15:40 - 16:05 | Epidemiological behavior of HIV infection in adolescents Cuba, 1987 - 2018<br><b>Alba Cortés Alfaro</b> , National Institute Of Hygiene, Epidemiology And Microbiology, Cuba                                       |

End of Day 2 Sessions