

ESEM Conference 2022
in Collaboration with
Theodor Bilharz Research Institute
Tanta University & Assiut University

Nanostructures: The Science of Today and Tomorrow

11 October 2022

Introduction

10:00 a.m.- 10:10 a.m.	<i>Opening & Overview of the Sessions at Glance.</i>	Prof. Naglaa Sarhan Conference General Secretary
10.10 a.m.-10:20 a.m.	<i>Welcome Speech President of ESEM & the Conference</i>	Prof. Soheir Mansy
10: 20 a.m. -10:25 a.m.	<i>Welcome Speech of the Acting President of TBRI</i>	Prof. Hanan Farouk
10: 25 a.m. -10:30 a.m.	<i>Welcome Speech of the Acting President of Assiut University</i>	Prof. Ahmed El-Minshawy
10:30 a.m. -10:35a.m.	<i>Welcome Speech of the President of Tanta University</i>	Prof. Mahmoud Zaki

Webinar I
EM & Disease Outbreaks

Chairpersons

Prof. Aisha Mansy Benha University Prof. omya Afifi Tanta University

10: 45 a.m.-11:30 a.m.	<i>Electron microscopy overview of SARS-COV2 and its clinical impact.</i>	Prof. Soheir Mansy, <i>Prof. of Pathology and Electron Microscopy, Theodor Bilharz Research Institute- President of ESEM and president of the Association of TBRI Research Staff</i>
11: 30a.m.-12:00 noon	<i>Discover the potential of cryo-EM</i>	Dr. Gaurav Sharma, <i>Product Specialist at Thermo Fisher Scientific in Eindhoven, the Netherlands.</i>

Break 12: 00 – 12:15 p.m.

During Break documentary Video for ESEM will be displayed

Webinar II
EM and Nanoparticles Determination

Chairpersons

Prof. Yasser Shabana Mansoura University Prof. Manal Salman Ain Shams University

12:15 p.m. – 12:45 p.m.	<i>Transmission electron microscopy study of cellular uptake and intracellular trafficking of nanoparticles.</i>	Prof. Tarek Abbas Ali ElKhooly Associate Prof. of Biophysics at the National Research Centre & Faculty of Medicine, Delta University for Science and Technology
12.45 p.m.-1.30 p.m	<i>The application of nanoparticles in plant disease management: An ultrastructural study.</i>	Prof. Zakaria A.M. Baka Prof. of Mycology and Plant Pathology Department of Botany and Microbiology, Faculty of Science, Damietta University
1.30 p.m.-2.00 p.m.	<i>EM in Nano-medicine: Characterization of Nano formula.</i>	Dr. Mona AbouSamra Associate Professor of Pharmaceutics, Department of Pharmaceutical Technology, National Research Centre
Break 2: 00– 2:30 p.m. During Break documentary Video for ESEM will be displayed		
Webinar III EM in Research and Diagnosis		
Chairpersons Prof. Eiman Hassbi Tanta University		
2:30 p.m.- 3: 00 p.m.	<i>Circulating micro particles as potential marker in liver diseases</i>	Prof. Nagwa ElKhafif Professor of Haematology and Electron Microscopy, Theodor Bilharz Research Institute. Former Head of EM Dept., TBRI. Visiting Professor at the TUM University, Germany.
3:00 p.m.- 3.30 p.m.	<i>Renal AL-amyloidosis: From the bedside to the research laboratory. Impact of electron microscopy on this journey.</i>	Prof. Guillermo A. Herrera, M.D. Professor and Chair Department of Pathology the University of South Alabama College of Medicine
3: 35 p.m.	<i>notifications</i>	Prof. Naglaa Sarhan Conference General Secretary

