

EJUST - AUC
Biotechnology Joint Research Day
Dec 1, 2022

10:00 - 10:15	AUC Research Day Coordinator
10:15 - 10:30	EJUST Research Day Coordinator
10:30 – 11:30	<p>“Translational Science and Drug Discovery” <u>Dr. Mahmoud El-Shemerly</u> Senior Scientist-Lab Head Cancer Biology Basilea Pharmaceutica International</p>
11:30 – 11:50	<p>“Formulation and characterization of a thalidomide analogue in nanoemulsion formula for an improved delivery to triple negative breast cancer” <u>Noran Tawfik - EJUST</u></p>
11:50 – 12:10	<p>“Knockdown of MDM2 in HepG2 cell line: A step towards understanding the relation between miRNA590-3p and its downstream target gene, MDM2, in Hepatocellular carcinoma” <u>Jihad Khalid - AUC</u></p>
12:10 – 12:30	<p>“Novel Pectin-based nanocomposite film for active food packaging application” <u>Mohamed Sharabey - EJUST</u></p>
12:30 – 1:00	Break
1:00 - 1:30	<p>“Nanoformulations as promising nanocarriers for drug delivery and tissue engineering applications” <u>Dr. Wael Mamdouh - AUC</u> Professor of Chemistry and Nanotechnology</p>
1:30 – 1:50	<p>“How can Thya AI Technology power biological research?” <u>Dr. Justine Braguy - KAUST</u> Co-founder/CMO Thya Technology</p>
1:50 – 2:10	<p>“Development of polymeric Microfluidic devices for bioanalytical applications” <u>Heba Mansor - EJUST</u></p>

2:10 – 3:10	<p>“Visualizing transcription dynamics in real time” Prof. Stephen Buratowski Professor of Biological Chemistry and Molecular Pharmacology Harvard Medical School</p>
3:10 – 3:30	<p>“Nanoencapsulation of essential oils and investigation on their different biomedical properties” <u>Amro Shetta - AUC</u></p>
3:30 – 3:50	<p>“Impact of Nano-incorporation of Coffee into PLGA Nanoparticles on Biological Activities: from Synthesis and Optimization to Characterization”. <u>Nouran Sabry Sharaf - AUC</u></p>
3:50	<p>Closing Ceremony</p>