

UNDER THE PATRONAGE OF



PHAROS UNIVERSITY
IN ALEXANDRIA

AGENDA FOR SCIENTIFIC DAY

FACULTY OF APPLIED
HEALTH SCIENCES



MEDICAL LABORATORY
DEPARTMENT



12TH
MAY
2026



10:30 AM
TO
3:00 PM



SCIENCE • INNOVATION • EXCELLENCE
TOGETHER FOR A HEALTHIER FUTURE



Time	Session I: Immunology and molecular biology
10:30 AM – 10:45 AM	Phenolic-Rich Ethyl Acetate Fraction Versus Crude Extract of <i>Calluna vulgaris</i> : Impact on Oxidative/Inflammatory–Autophagy Signaling in LPS- Induced Testicular Injury. Dr. Alaa Hegazy, Lecturer of Biochemistry, Medical Laboratory Department
10:45 AM – 11:00 AM	Inside the IVF process Sameh Zakaria Yassin, Lab Senior Embryologist and Lab Director At Agial Hospital.
11:00 AM- 11:15 AM	Dynamic Mirroring: How Medical Labs are Shaping the Future of Personalized Medicine in the Era of Digital Twins. Prof. Dr. Maher Kamel, Prof. Biochemistry, Head of Biochemistry department, Medical Research Institute, Alexandria University.
11:15 AM- 11:45 AM	Opening Ceremony & Welcome Speech. Prof. Dr. Salwa Hamdy. Prof. Clinical and Chemical Pathology Head of Medical Laboratory Department. Faculty of Applied Health Sciences. Pharos University in Alexandria.
	Session II: Recent advances in research
11:45AM – 12:00 PM	Preparation and Characterization of ^{99m}Tc -Taurine Complex as a Novel SPECT Cancer Imaging Agent. Dr. Ahmed Salah, lecturer of organic chemistry, Medical Laboratory department, Faculty of Applied Health Sciences. Pharos University in Alexandria.
12:00 PM- 12:15 PM	Amygdalin: Promising Phytotherapy for Cardiovascular function. Assoc. prof. Hewida Fadel, Assoc. Prof. Biochemistry, PhD Medical Applied Chemistry, Medical Laboratory Department, Faculty of Applied Health Sciences. Pharos University in Alexandria.
12:15 PM - 12:30 PM	Discussion

	Session III: Microbiology
12:30 PM – 12:45 PM	Candidozyma auris - a feared hospital pathogen: an Austrian perspective. Dr Kathrin Spettel, Hochschule Campus Wien, Austria
12:45 PM – 01:00 PM	Gene Therapy Works. Manufacturing Doesn't (Yet) Ass. Prof. Juan Bort, Hochschule Campus Wien, Austria
01:00 PM- 01:15 PM	Diagnostic Stewardship : The Role of Lab in improving the quality and safety of diagnosis. Prof. Dr. Eglal El Sherbiny, Prof. Microbiology, Medical research Institute, Alexandria University.
01:15 PM- 02:00 PM	Coffee Break & Poster session
	Session IV: Hematology
02:00 PM- 02:15 PM	AI as a new era of hematological morphology. Dr. Sally Adel Mahmoud, lecturer of Hematology, Medical research Institute, Alexandria University.
02:15 PM- 02:30 PM	Recent Diagnostic Criteria for Multiple Myeloma. Assoc. prof. Hadeel Saed, Assoc. Prof. Hematology, Medical Laboratory Department, Faculty of Applied Health Sciences. Pharos University in Alexandria.
	Session V. Parasitology
02:30 PM – 02:45 PM	Innovative diagnostic parasitology. Prof. Dr. Mona Tolba, Prof. Parasitology, Medical Research Institute, Alexandria University.
02:45 PM – 03:00 PM	Discussion & Certificate Distribution & Closing

Thank You