

Laboratories

Clinical Chemistry: Update on diagnostic and prognostic biomarkers

Chairpersons: Ashraf Mohamed Osman
Hossam Zaghoul
Gihane Khalil
Moustafa Rizk
Sahar Abdelatty Sharaf

Date: 04 June 2024

From: 09:00 **To:** 10:30

Room: 3K

09:00:00 - 09:15:00	EXOSOME: the future magic player in molecular diagnosis Ekbal Mohamed Abohashem Mansoura University Faculty Of Medicine
09:15:00 - 09:30:00	Genetic dyslipidemia: should we do molecular testing? Abla Ahmed Abouzeid Faculty of Medicine, Alexandria University
09:30:00 - 09:45:00	Predictive Proteomic Biomarkers for Inflammatory Bowel Disease-associated Cancer Amal Said El Bendary Faculty of Medicine - Tanta University
09:45:00 - 10:00:00	Novel biomarkers of cancer prostate Ahmad Abdel Samie Omran Faculty of Medicine Minia University.
10:00:00 - 10:15:00	Sepsis, Update Biomarkers Iman Mohamed Said ElBagoury Al-azhar University
10:15:00 - 10:30:00	Discussion Discussion

Laboratories

Stem Cells: Stem cells and regenerative medicine: project update

Chairpersons:

Amin Fouad Shaker
Jina El Feky

Mona Kamal Mahmoud Marei
Nagwa Elbadri
Tarek Taha Ahmed

Date: 04 June 2024

From: 10:30 **To:** 12:00

Room: 3K

- 10:30:00 - 10:50:00 Update on stem cell and regenerative medicine project
Amin Fouad Shaker
- 10:50:00 - 11:10:00 Stem cells and regenerative medicine world achievement
Tarek Taha Ahmed ECRRM
- 11:10:00 - 11:30:00 Engineering Stem Cells and Immune Cells for Targeted Therapy
Mohamed Abouelenein University Of Southern California
- 11:30:00 - 11:50:00 SYMX vision for stem cell and regenerative medicine project
Andy Ramos
- 11:50:00 - 12:00:00 Discussion
Discussion

Laboratories

Quality and lab management: Accreditation battle

Chairpersons: Hani El Desouki
Mahmoud El-Tayeb
Mona Zaki
Ola khashaba

Date: 04 June 2024
From: 12:30 **To:** 14:00
Room: 3K

12:30:00 - 12:45:00 GAHAR Future Vision for Accreditation
Walaa Abd El-Latif **Ain shams University. GAHAR board member**

12:45:00 - 13:00:00 Role of SANAS in Africa accreditation
Barbara Mokgethwa **South African Accreditation System**

13:00:00 - 13:15:00 SADCAS medical labs accreditation successful models
Eva Muronda **SADCAS**

13:15:00 - 13:30:00 Hospital labs moving to the universal health insurance pit falls
Hani El Desouki **Egyptian Accreditation Council (EGAC)**

13:30:00 - 13:45:00 Moving to excellence in africa : A step forwrad
Rania Elsharkawy **Alexandria University**

13:45:00 - 14:00:00 Discussion
Discussion

Laboratories

Genetics: EGP updates

Chairpersons: Amin Fouad Shaker
Ashraf Sobhy
Hussein Khaled
Jina El Feky
Neveen Soliman

Date: 04 June 2024
From: 14:00 **To:** 15:30
Room: 3K

- 14:00:00 - 14:20:00 Update on the Egyptian genome project
Khaled Amer *Egypt Center for Research & Regenerative Medicine*
- 14:20:00 - 14:40:00 The presedincial initiative for sport genomics: new era in sport
Ashraf Sobhy *Ministry of Sports and Youth*
- 14:40:00 - 15:00:00 Unlocking the Potential of Egypt Genome
Neveen Soliman *Cairo University*
- 15:00:00 - 15:20:00 H3Africa & DS-I Africa Coordinating Centre: Our Experience
Michelle Skelton *University of Cape Town/DS-I Africa/H3Africa*
- 15:20:00 - 15:30:00 Discussion
Discussion

Laboratories

Immunology: Session 1

Chairpersons: Azza Mahmoud Ezzeldin
Kalumbi Shangula
Reem Jan
Safa Meshaal
Shahira ElFedawy
Shereen Mahmoud

Date: 05 June 2024
From: 09:00 **To:** 10:30
Room: 3K

09:00:00 - 09:15:00 Single cell RNA, Omics in immune disorders
Taghreed Ghafar **Cairo university**

09:15:00 - 09:30:00 Dengue fever: prevention/diagnosis/treatment
Nancy Elguindy **CPHL MOP Egypt**

09:30:00 - 09:45:00 Precision Medicine in Immunology
Dina Aly Ragab **Ain Shams University**

09:45:00 - 10:00:00 Pharmacogenetics and Pharmacogenomics
Nahla Zakaria Mohamed Yousef **Ain Shams University**

10:00:00 - 10:15:00 A Leap in Plasma Utilization in PID Managements
Eman Nasreldin **Assiut university**

10:15:00 - 10:30:00 Discussion
Discussion

Laboratories

Medical Research: Health Strategy for 2030 Egypt's vision and Artificial Intelligence

Chairpersons:	Abdelmegeg Kassem Ashraf Shaalan Hany Sleem Iman Kamel Muhammad Mostafa Wafaa Abd Elaal	Date: 05 June 2024
		From: 09:00 To: 10:30
		Room: 3L

09:00:00 - 09:15:00	Egypt 2030, the unique role of GOTHI Muhammad Mostafa The General Organization for Teaching Hospitals and Institutes
09:15:00 - 09:30:00	Overview of Egyptian Law of Medical Research and its Executive Regulation Azza Saleh ENREC
09:30:00 - 09:45:00	AI role in Clinical Trials Management Amr Youssef Ministry of Health & Population
09:45:00 - 10:00:00	Regulation of Clinical Research in Egypt; Present and Future Tamer Hifnawy Supreme Council of Clinical Research Ethics
10:00:00 - 10:15:00	Good medical practice. "New challenges" Sherin Ghaleb Cairo medical syndicate-Cairo University
10:15:00 - 10:30:00	Discussion Discussion

Laboratories

Blood Banking and Transfusion Medicine: Session 1

Chairpersons:	Eman Nasreldin Fekry Goubran Khaled Emara Maha Atwa Nehad Mohamed Mosaad	Date:	05 June 2024
		From:	10:30 To: 12:00
		Room:	3K

10:30:00 - 10:45:00	Partial D/Weak D dichotomy revisited Azza Eldanasoury Ain Shams University
10:45:00 - 11:00:00	Transfusion-related immunomodulation Reem Jan Cairo University
11:00:00 - 11:15:00	Fresh whole blood versus reconstituted blood in cardiac surgery Bahy Ayoub Transport Authority Hospital Blood Bank
11:15:00 - 11:30:00	Approach to incompatible crossmatch Dalia Abdel Salam National Blood Transfusion services
11:30:00 - 11:45:00	Recommendations on the use of out of group red cells Merhan Fouda National Cancer Institute, Cairo University
11:45:00 - 12:00:00	Discussion Discussion

Laboratories

Hematology: Session I

Chairpersons: Akram Deghedey
Amal Zidan
Magdy Elbordiny
Mohamed Hassan
Salah Aref
Tarek Mogahed
Wafaa Metnawy

Date: 05 June 2024

From: 10:30 **To:** 12:00

Room: 3L

10:30:00 - 10:45:00	Bone marrow necrosis Mohamed AbdelRahman Military Medical Academy
10:45:00 - 11:00:00	Amyloidosis: Keep in mind while examining multiple myeloma bone marrow biopsy Basma Mostafa Elgamal National Cancer Institute
11:00:00 - 11:15:00	Cytogenomics of B-cell non-Hodgkin lymphomas: The "old" meets the "new" Abdel Haleem Abo Elwafa
11:15:00 - 11:30:00	Flow Cytometry in hematology; the tool to pick a needle from a hay stack Soha Raouf Youssef Ain Shams University
11:30:00 - 11:45:00	Clonal Hematopoiesis and associated diseases Hassan Abdelgaffar Oncology Center, Faculty Of Medicine, Mansoura University
11:45:00 - 12:00:00	Discussion Discussion

Laboratories

Genetics: Session II

Chairpersons:

Basma Mostafa Elgamal
Fatma Elmougy
Hasan Hosny
Khaled Amer
Mohsen Elalfy
Tarek Taha Ahmed
Wassem Elsisy

Date: 05 June 2024

From: 12:30 **To:** 14:00

Room: 3L

- 12:30:00 - 12:45:00 Insights into genetic blood disorders
Mona El Ghamrawy **Cairo University**
- 12:45:00 - 13:00:00 Advances in genomic diagnosis of disorders of sex development
Inas Mazen
- 13:00:00 - 13:15:00 Inborn errors of metabolism in Egypt
Mohamed Abdelmonem
- 13:15:00 - 13:30:00 Current state and future directions of genomic medicine
Samar Kamal Kassim **MASRI Institute and Faculty of Medicine, Ain Shams University, Cairo, Egypt**
- 13:30:00 - 13:35:00 Reply to Afrocentrism Clamis
Heba Gamaleldin
- 13:35:00 - 13:40:00 Reply to Afrocentrism Clamis
Alaa Shaheen
- 13:40:00 - 13:45:00 Reply to Afrocentrism Clamis
Dina Shouky
- 13:45:00 - 13:50:00 Reply to Afrocentrism Clamis
Tarek Taha Ahmed **ECRRM**
- 13:50:00 - 14:00:00 Discussion
Discussion

Laboratories

Hematology: Session II

Chairpersons:	Ahmed Nabeh Eman Mashhour Hesham Abdelreheim Manal Eid Manal Niazy Osama Hassan Bakheet Youssry El Zohery	Date:	05 June 2024
		From:	12:30 To: 14:00
		Room:	3K

12:30:00 - 12:45:00	Inherited Thrombophilia: from etiology to clinical applications ILHAM YOUSRY <i>Cairo University</i>
12:45:00 - 13:00:00	The mysterious platelets, how it works Nevine Kassim <i>Ain Shams university</i>
13:00:00 - 13:15:00	Clinical conditions associated with acquired G6PD deficiency Rania Zayed <i>Faculty of Medicine Cairo University</i>
13:15:00 - 13:30:00	Fifth WHO /ICC classification and diagnosis of MPN and related conditions: Differences from previous versions and from each other Magda Sultan <i>Medical Research Institute Alexandria University</i>
13:30:00 - 13:45:00	Pitfalls in the pattern of bone marrow infiltration in lymphoproliferative disorders Heba-Allah Elsayed Mohammed
13:45:00 - 14:00:00	Discussion Discussion

Laboratories

Microbiology: New Trend in Infection Control

Chairpersons:

Hala Hafez
Ghada Ismail
Mahmoud Ahmed Ali
Mohamed ElGamal
Mostafa Elnakib
Sahar Khirat

Date: 05 June 2024

From: 14:00 **To:** 15:30

Room: 3L

- 14:00:00 - 14:15:00 Harnessing Technology and AI for Enhanced Infection Control: Innovations, Challenges, and Future Directions
Hebatallah Rashed Assiut University
- 14:15:00 - 14:30:00 What needs to change for IPC programs in the future? Hospital of tomorrow
Gehan fahmy
- 14:30:00 - 14:45:00 Bridging the know -do gap in IPC practices Or outbreak related to medical instruments reprocessing
Sherin Masry Ain Shams University
- 14:45:00 - 15:00:00 Antifungal Stewardship: Mandatory Initiative
Noha El-Mashad faculty of medicine and gastrointestinal surgery center
- 15:00:00 - 15:15:00 Transfusion transmitted pathogens: new ones are always added to the list
Nesrine Fathi Hanafi Faculty of Medicine Alexandria University
- 15:15:00 - 15:30:00 Discussion
Discussion

Laboratories

Transplantation: Session I

Chairpersons: Aisha Elmarsafy
Ghada Mossallam
Mervat El Ansary
Tarek Taha

Date: 05 June 2024
From: 14:00 **To:** 15:30
Room: 3K

- 14:00:00 - 14:15:00 Cell-free DNA reveals post-hematopoietic stem cell transplantation complications
Ghada Mossallam National Cancer Institute, Cairo University
- 14:15:00 - 14:30:00 Immune checkpoints inhibitors after allogeneic stem cell transplant
Sally Elfishawi National cancer Institute of Egypt
- 14:30:00 - 14:45:00 Future Directions in Transplant Rejection
Asmaa Osama Bakr Seddik Osman Faculty Of Medicine
- 14:45:00 - 15:00:00 Factors influencing the hematopoietic stem cell transplantation main outcomes
Rania Bakry South Egypt Cancer Institute, Assiut University
- 15:00:00 - 15:15:00 Eplet matching in haplotype stem cell transplantation
Mervat El Ansary Ansary Labs
- 15:15:00 - 15:30:00 Discussion
Discussion

Laboratories

Blood Banking and Transfusion Medicine: Session II

Chairpersons: Ahmed Farouk
Magdy Amin
Magdy El Ekiaby
Salwa youssef

Date: 06 June 2024

From: 09:00 **To:** 10:30

Room: 3L

09:00:00 - 09:15:00	Revolutionizing transfusion medicine with artificial intelligence <i>Nermin Eldesoky</i>
09:15:00 - 09:30:00	Transfusion support in hematopoietic stem cell transplantation <i>Doaa Shahin Mansoura University-faculty Of Medicine</i>
09:30:00 - 09:45:00	Discarding discolored blood components: a necessity or wastage? A comprehensive analysis <i>Ghada Mohamed Ezzat</i>
09:45:00 - 10:00:00	Safe source plasma: how to ensure plasma quality and donor safety <i>Dina El-Dahshan</i>
10:00:00 - 10:15:00	Platelet Refractoriness: How to diagnose and manage? <i>Asmaa Gouda Faculty Of Medicine, Alex University</i>
10:15:00 - 10:30:00	Discussion <i>Discussion</i>

Laboratories

Stem Cells: Stem cells and regenerative medicine

Chairpersons: Hanan El Baz
Osama Azmy
Shimaa Atta
Yasser El Nahas

Date: 06 June 2024

From: 09:00 **To:** 10:30

Room: 3K

- 09:00:00 - 09:15:00 Transforming healthcare through tissue engineering and regenerative medicine
Mona Kamal Mahmoud Marei
- 09:15:00 - 09:30:00 Potentials of Mesenchymal Stem Cells as a Therapeutic Modality for Inflammatory Bowel diseases
Shimaa Atta Tbrl
- 09:30:00 - 09:45:00 Characterization of stem cells for therapeutic or research intention
Osama Azmy National Research Center
- 09:45:00 - 10:00:00 From Hypothesis to Action: Exploring the Molecular Mechanisms of Mesenchymal Stem Cell-Derived Extracellular Vesicles in Disease Models
Nesrien Ahmed Salem
- 10:00:00 - 10:15:00 The Cross Talk between Type II Diabetic Microenvironment and the Regenerative Capacities of Human Adipose Tissue-Derived Pericytes: A Promising Cell Therapy
Toka A. Ahmed Ecrmm
- 10:15:00 - 10:30:00 Discussion
Discussion

Laboratories

Histopathology: Session I

Chairpersons: Amira Kamal El -Hawary
Amany Abdel Hamid
Eman Khorshed
Khaled Zalata
Nadia Mokhtar

Date: 06 June 2024
From: 10:30 **To:** 12:00
Room: 3K

10:30:00 - 10:45:00 Artificial intelligence in Pathology lecture 1
Azza AbdelAziz Ali Mansoura University

10:45:00 - 11:00:00 Artificial intelligence in Pathology lecture 2
Khadiga Ali Mansoura University

11:00:00 - 11:15:00 Artificial intelligence in Pathology lecture 3
Habiba El Fendy

11:15:00 - 11:45:00 Disputed issues in Artificial Intelligence
Azza AbdelAziz Ali Mansoura University

11:15:00 - 11:45:00 Disputed issues in Artificial Intelligence
Habiba El Fendy

11:15:00 - 11:45:00 Disputed issues in Artificial Intelligence
Khadiga Ali Mansoura University

11:45:00 - 12:00:00 Discussion
Discussion

Laboratories

Immunology: Session II

Chairpersons:	Amel Mahmoud Kamaleldin Mervat El Ansary Mohamed Hassan Mona Wagdy Sohair Kamel Yasser Zeitoun	Date: 06 June 2024
		From: 10:30 To: 12:00
		Room: 3L

10:30:00 - 10:45:00	Immune dysfunction in very early onset inflammatory bowel disease. How much do we know Neveen Lewis Alexandria faculty of medicine
10:45:00 - 11:00:00	Novel IBD therapies Gaber Abdelazez Ahmed Faculty Of Medicine
11:00:00 - 11:15:00	The prospect of AI in autoimmune diseases Noha Shaheen Cairo university
11:15:00 - 11:30:00	Molecular Signatures of Dendritic Cells in Rheumatoid Arthritis: A Multidimensional Role in Pathogenesis and Response to Treatment Moheyeldin Elshikh Queen Mary University of London - UK
11:30:00 - 11:45:00	Autoimmune Diseases Case Presentation: CAP Challenges Dalia Tarik Faculty of Medicine-Assiut University
11:45:00 - 12:00:00	Discussion Discussion

Laboratories

Histopathology: Session II

Chairpersons: Maha Akl
Manal Fawzy
Mie Mohamed
Riham Ibrahim
Saed Eissa

Date: 06 June 2024
From: 12:30 **To:** 14:00
Room: 3L

12:30:00 - 12:50:00	Active colitis with emphasis on Crohn's Disease Ali El Hindawy
12:50:00 - 13:10:00	Updates on Colonic Polyps Dina Omar Kasr Alainy Faculty Of Medicine, Cairo University
13:10:00 - 13:30:00	Problems in Immunohistochemistry Interpretation Thanaa Helal Ain Shams University
13:30:00 - 13:40:00	Disputed issues in GI Pathology and immunohistochemistry Ali El Hindawy
13:40:00 - 13:50:00	Disputed issues in GI Pathology and immunohistochemistry Dina Omar Kasr Alainy Faculty Of Medicine, Cairo University
13:50:00 - 14:00:00	Disputed issues in GI Pathology and immunohistochemistry Thanaa Helal Ain Shams University

Laboratories

Quality and Lab Management: Laboratory quality management in the era of AI

Chairpersons: Ahmed ElSaifi
Amina Hassab
Hatem Elsebaee
Mona Zaki

Date: 06 June 2024
From: 12:30 **To:** 14:00
Room: 3K

- 12:30:00 - 12:45:00 Demand Optimization is not a luxury anymore: Is Clinical Laboratory ready
Radwa Adel Halim Kasr Alaiyn Cairo University
- 12:45:00 - 13:00:00 CAP accreditation: transforming knowledge in to action
Ghada Ziad CCHE-57357
- 13:00:00 - 13:15:00 Quality Control Data Manaegment Softwares: Achieving Operational Excellence
Lamia Mansour Faculty Of Medicine, Cairo University
- 13:15:00 - 13:30:00 Different sucessfulmanagement business models of medical labs around the world
Ahmed ElSaifi Faculty Of Medicine, Cairo University
- 13:30:00 - 13:45:00 Panel discussion: Pricing strategies of the universal health insurance lab services
Ahmed ElSaifi Faculty Of Medicine, Cairo University
- 13:30:00 - 13:45:00 Panel discussion: Pricing strategies of the universal health insurance lab services
Amina Hassab Alexandria Faculty of Medicine
- 13:30:00 - 13:45:00 Panel discussion: Pricing strategies of the universal health insurance lab services
Hatem Elsebaee Founder Of Royal Labs

Laboratories

Clinical Chemistry: Achieving operational excellence in the lab

Chairpersons:	Gehan Kamal Hassan Heba Baz Mohamed Swelam Nahla Nouseir Ola Sharaki	Date:	06 June 2024
		From:	14:00 To: 15:30
		Room:	3L

14:00:00 - 14:15:00	Continual Improvement: a key to operational excellence Hala Tammam Faculty of Medicine-Ain Shams University
14:15:00 - 14:30:00	Increase your lab efficiency for better, more economical results Marianne F. Morgan Faculty Of Medicine. Kasr Alainy. Cairo University
14:30:00 - 14:45:00	The Value of Artificial Intelligence in Laboratory Medicine Nermine Hossam Zakaria Faculty Of Medicine - Alexandria University
14:45:00 - 15:00:00	AI powered laboratory diagnosis Samah Bastawy Helwan University Faculty Of Medicine
15:00:00 - 15:15:00	POCT HbA1c assays: Can we rely on them? Dina Elgayar Cairo University
15:15:00 - 15:30:00	Discussion Discussion

Laboratories

Microbiology: Update in Clinical Microbiology

Chairpersons:	Amal Naguib Amany El Kholly Maysaa Elsayed Zaki Raafat Zaher Samia A. Girgis	Date: 06 June 2024
		From: 14:00 To: 15:30
		Room: 3K

14:00:00 - 14:15:00	Applications of artificial intelligence in microbial diagnosis Amay Aboelenein Faculty of medicine Tanta University
14:15:00 - 14:30:00	The fungal Mycobiome a novel frontier in Cancer Research Mohammed Youssef Elshaer Mansoura University
14:30:00 - 14:45:00	Potential Emerging Zoonotic Diseases Ghada Ismail Reference Laboratory, SCUH
14:45:00 - 15:00:00	Clostridium difficile: the forgotten pathogen Walaa Abd El-Latif Ain shams University. GAHAR board member
15:00:00 - 15:15:00	A decade of clinical microbiology: top diagnostic advances for better patient management Omnia Mohamed El-Nabawy Ahmed Ain Shams
15:15:00 - 15:30:00	Discussion Discussion

Diagnosis and Management of Severe Fungal Diseases Workshop

Workshop: Session I

Chairpersons: Dr. Amany El Kholly
Prof. Ghada Ismail
Prof. Sherine Elmasry

Date: Thursday, June 6, 2024
From: 09:00 **To:** 10:30
Room: Plaza 1-T

09:00:00 - 09:10:00	Introduction Samia A. Girgis <i>Faculty of Medicine, Ain Shams University and Consultant of the President of UPA</i>
09:10:00 - 09:45:00	Global incidence and mortality of severe fungal diseases Samia A. Girgis <i>Faculty of Medicine, Ain Shams University and Consultant of the President of UPA</i>
09:45:00 - 10:20:00	WHO-Fungal Priority Pathogen List (FPPL) Sherif Zaki <i>Faculty of Science, Ain shams University</i>
10:20:00 - 10:30:00	Discussion

Diagnosis and Management of Severe Fungal Diseases Workshop

Workshop: Session II

Chairpersons: Prof. Amira Alhendy
Prof. Maha Gaafar
Prof. Soheir Abdelrahman

Date: Thursday, June 6, 2024
From: 10:30 **To:** 11:50
Room: Plaza 1-T

10:30:00 - 11:05:00 Mycetoma: A severe subcutaneous fungal disease
Ahmed Fahl *Head of Mycetoma Research Center, Faculty of Medicine,
University of Khartoum*

11:05:00 - 11:40:00 The Evolving Landscape of Invasive Fungal Diseases Diagnosis
Sherif Zaki *Faculty of Science, Ain shams University*

11:40:00 - 11:50:00 Discussion

Diagnosis and Management of Severe Fungal Diseases Workshop

Workshop Session III

Chairpersons: Prof. Hadir El-mahalawy
Prof. Mervat Elanany

Date: Thursday, June 6, 2024

From: 12:30 **To:** 14:00

Room: Plaza 1-T

12:30:00 - 13:05:00	Consensus Definition of Invasive Fungal Diseases Hala Hafez <i>Faculty of Medicine, Ain shams University</i>
13:05:00 - 13:40:00	Therapeutic strategies Lamia El Wakeel <i>Faculty of Pharmacy Ain Shams University</i>
13:40:00 - 13:50:00	Discussion
13:50:00 - 14:00:00	Closing Remarks Samia A. Girgis <i>Faculty of Medicine, Ain Shams University and consultant of the President of UPA</i>
13:50:00 - 14:00:00	Closing Remarks Sherif Zaki <i>Faculty of Science, Ain shams University</i>