



November 28, 2024

The 48th Annual International Histology Conference The New Capabilities of Artificial Intelligence in Expanding Histology and Cell Biology Research

Prof. Dr. Hekmat A. Sorour

Conference President

Professor of Histology and Cell Biology

Faculty of Medicine (Girls), Al-Azhar University

President of the Egyptian Society of Histology and Cytology

Editor-in-Chief of the Egyptian Journal of Histology

Ass. Prof. Dr. Dina Allam

Conference Rapporteur

Head of Histology and Cell Biology Department

Faculty of Medicine (Girls), Al-Azhar University



**Grand Hall— Faculty of Medicine
(Girls), Al-Azhar University**



**Egyptian Knowledge Bank
بنك المعرفة المصري**

<https://histoconf2024.confereces.ekb.eg>



Conference Agenda

09:00 — 10:00

10:00 — 10:30

10:30 — 11:50

11:50 — 12:30

12:30 — 01:50

01:50 — 03:10

03:10 — 03:30



Registration

Opening Ceremony

Plenary Session

Coffee Break

First Scientific Session

Second Scientific Session

Closing Ceremony

Opening Ceremony

Welcome Speeches

Ass. Prof. Dr. Dina Allam

Conference Rapporteur

Prof. Dr. Hekmat A. Sorour

Conference President



Egyptian Knowledge Bank
بنك المعرفة المصري

<https://histoconf2024.conferences.ekb.eg>



Plenary Session

Chair-Professors

Prof.Dr. Hekmat A. Sorour	Faculty of Medicine (Girls), Al-Azhar University
Prof.Dr. Nagwa Abd El Wahab	Head of Histology and Cell Biology Department Faculty of Medicine, Cairo University
Prof.Dr. Mervat S. Mehnna	Faculty of Medicine (Girls), Al-Azhar University
Prof.Dr. Soad Abdel Gawad	Faculty of Medicine (Girls), Al-Azhar University

10:30 — 10:50	Artificial Intelligence Applications in Histology and Cytology: Enhancing Diagnosis and Treatment through Intelligent Analysis and Smart Tools	Prof.Dr. Abdel-Rahman Hedar Artificial Intelligence Professor, Assiut University Advisor to the President of Assiut University for Information Technology and Artificial Intelligence Affairs
10:50 — 11:10	Artificial Intelligence in Health Sector	Prof.Dr. Mohamed Awad Tag El-Din Former Health Minister President of the Egyptian Association for Chest Diseases and Tuberculosis Consultant for the President of the Republic for Health and Prevention Affairs
11:10 — 11:30	Artificial Intelligence: The Future of Diabetes Care	Prof.Dr. Eman Mahmoud Professor of Endocrinology and Metabolism Faculty of Medicine (Girls), Al-Azhar University
11:30 — 11:50	Behavioural Alterations Associated with Neuronal Histological Alterations Induced by Silicon Dioxide Nanoparticles	Prof.Dr. Bashir M. Jarrah Nanobiology Unit, Biology Department College of Science, Jerash University, Jordan



Egyptian Knowledge Bank
بنك المعرفة المصري

<https://histoconf2024.confernces.ekb.eg>





First Scientific Session

Chair-Professors

Prof.Dr. Omayma Afifi

Faculty of Medicine, Tanta University

Prof.Dr. Amany Sammour

Faculty of Medicine (Girls), Al-Azhar University

Prof.Dr. Eslam M. Elbehairy

Faculty of Medicine (Girls), Al-Azhar University

Prof.Dr. Fatma Alzhraa Aziz

Faculty of Medicine (Girls), Al-Azhar University

12:30 — 12:50	The Potential of Artificial Intelligence Intelligence in Histology and Cell Biology Learning and Research	Prof.Dr. Fadia Khalid Professor of Medical Histology and Cell Biology Faculty of Medicine, Zagazig University
12:50 — 01:05	Alendronic Acid (Fosamax), Vitamin K2, and Fennel on Ovariectomy-Induced Osteoporosis	Ass. Prof.Dr. Mona M. Abd Elgalil Assistant Professor of Histology and Cell Biology Faculty of Medicine (Girls), Al-Azhar University
01:05 — 01:20	Virtual Microscopy	Prof.Dr. Rehab Hasan Professor of Histology and Cell Biology Faculty of Medicine (Girls), Al-Azhar University
01:20 — 01:35	The New Capabilities to Translate Tissue- Based Artificial Intelligence into Clinical Practice	Prof.Dr. Samah Kandouk Professor of Histology Faculty of Medicine, Tanta University
01:35 — 01:50	The Possible Protective Effect of Silymarin and Silymarin Nanoparticles (SINPs) on Doxorubicin-Induced Cardiac Toxicity in Male Albino Rats: Biochemical, Histological and Immunohistochemical Study	Dr. Manar Fouli Gaber Ibrahim Lecturer of Histology Faculty of Medicine, Minia University



<https://histoconf2024.confereces.ekb.eg>

Egyptian Knowledge Bank
بنك المعرفة المصري



Second Scientific Session

Chair-Professors

Prof.Dr. Eman ElSayed Abo Deif	Faculty of Medicine, Sohag University
Prof.Dr. Mohammad Kasem	Faculty of Medicine, Assuit, Al-Azhar University
Prof.Dr. Mona Salem	Faculty of Medicine (Girls), Al-Azhar University
Prof.Dr. Mona H. Hamouda	Faculty of Medicine (Girls), Al-Azhar University
Prof.Dr. Mai Seliem	Faculty of Medicine (Girls), Al-Azhar University

01:50 — 2:10	Artificial Intelligence and Pathology: Applications in histomorphology and Molecular Profiling	Prof.Dr. Heba M. Saad Eldien Professor of Histology and Cell Biology College of Medicine, Jouf University, KSA
2:10 — 2:25	Virtual Staining: Histology in its New Guise	Dr. Marwa Kamal Lecturer of Histology and Cell Biology Faculty of Medicine (Girls), Al-Azhar University
2:25 — 2:40	Linagliptin and Vitamin D3 Synergistically Rescue Testicular Steroidogenesis and Spermatogenesis in Cisplatin-Exposed Rats: The Crosstalk of Endoplasmic Reticulum Stress with NF- κ B /iNOS Activation	Dr. Asmaa M. Abdelhattah Lecturer of Histology and Cell Biology Faculty of Medicine (Girls), Al-Azhar University
2:40 — 2:55	Digital Tools for Scientific Researchers	Ass. Prof.Dr. Shaimaa Kashef Assistant Professor of Histology and Cell Biology Faculty of Medicine, Tanta University
2:55 — 3:10	Selenium Nanoparticles Ameliorate Methotrexate Induced Gastric Fundus Injury	Dr. Sahar Mokheimer Lecturer of Histology and Cell Biology Faculty of Medicine, Minia University



Egyptian Knowledge Bank
بنك المعرفة المصري

<https://histoconf2024.confereces.ekb.eg>



Posters Session

Chair-Professors

Prof.Dr. Enas Ahmed Abdelhafez

**Vice Dean for Postgraduate Studies
and Research Affairs
Faculty of Veterinary Medicine, Sohag
University**

Prof.Dr. Rehab Hasan

**Faculty of Medicine (Girls),
Al-Azhar University**



Closing Ceremony



Egyptian Knowledge Bank
بنك المعرفة المصري

<https://histoconf2024.confereces.ekb.eg>

