15th Assiut IPSC INTERNATIONAL PHARMACEUTICAL SCIENCES CONFERENCE | PROGRAM

Day 1 — Wednesday, 11 November 2026

Location	Event	Start	Finish	Speaker	Title
Main Hall	**Registration**	09:00	10:00		
Hall no. 3	**Undergraduate Hackathon**	10:00	3:00	**AI in Pharmaceutical Practice and Research (closed)**	
Main Hall	**Opening Ceremony**	10:00	10:30	**Introduction and welcome**	
Main Hall	**Session 1** *Pharmacy in the AI Era: From Drug Repurposing to Market* ***Chairpersons:*** ***Prof. Mahmoud Shiha*** ***Prof. Gihan Fetih*** ***Prof. Ahmed S. Aboraia***	10:45	11:05	**Prof. Tarek Aboul-Fadl** Assiut University, Egypt	Drug Repurposing in the Era of Artificial Intelligence: Unlocking New Therapeutic Opportunities From Existing Drugs
		11:10	11:30	**Dr. Omar S. Sakr** Nawah Scientific, Egypt	Fatal Mistakes Moving Your Idea From Lab to Market
		11:35	11:55	**Prof. Alaa Arafat Hayalla** Sphinx University, Egypt	AI Impact in the Field of Pharmacy
		12:00	12:20	**Prof. Ahmed I. Fathelrahman** Taif University, Saudi Arabia	AI in Pharmacy Practice, Education and Research: Methodologies for Evaluation and the Available Evidence
		12:25	12:45	**Prof. Korany A. Khalil** National Research Centre, Egypt	Localizing the Active Pharmaceutical Ingredients (APIs) Industry in Egypt: Between Reality, Challenges, and a Roadmap for Linking Scientific Research and Industry
	Coffee Break	12:45	13:00		
Main Hall	**Session 2** *AI for Patient Care, Safety and Prevention* ***Chairpersons:*** ***Prof. Alaa Arafat Hayalla*** ***Prof. Hesham Tawfeek*** ***Prof. Marwa Fathy***	13:05	13:25	**Prof. Khaled Meselhy** Cairo University, Egypt	The AI Journey in Healthcare: Prompt. Connect. Act.
		13:30	13:50	**Prof. Samy Emara** Misr International University, Egypt	The Survival and Success of AI Depend on Exceptional, Reliable, and Diverse Data: The Critical Role of Mass Spectrometry in Building Trustworthy AI-Enabled Healthcare Systems
		13:55	14:10	**Prof. Fatma M. Mady** Minia University, Egypt	The Smart Pharmacy: Automation, Efficiency and Patient Safety
		14:20	14:35	**Prof. Gehan H. Heeba** Minia University, Egypt	AI in Predictive Toxicology: The Future of Drug Safety
		14:35	14:55	**Dr. Ehsan M. Wageh** Assiut University, Egypt	AI Is Rewriting How We Find Vaccine Antigens
		15:00	15:20	**Dr. Wael Ali** PharmaHelp Foundation & Egyptian Organization of Pharmacy	The Future Doesn't Need More Pharmacists. It Needs Different Pharmacists. From Dispensing Medicines to Delivering Healthcare
		15:20	15:35	**Sponsor symposium**	
Exhibition Hall	**Poster Session**	15:30	16:30		
Hotel restaurant	**Lunch**	16:30	17:15		
Main Hall	**Workshop**	17:30	19:30	**Prof. Abdel-Rahman Hedar** Assiut University & Badr University in Assiut **Dr. Manal A. Moustafa** Badr University in Assiut	**AI in Pharmacy and Precision Medicine** BUA

15th Assiut IPSC INTERNATIONAL PHARMACEUTICAL SCIENCES CONFERENCE | PROGRAM

Day 2 — Thursday, 12 November 2026

Location	Event	Start	Finish	Speaker	Title
Main Hall	**Registration**	09:30	10:00		
Hall no. 6	**Workshop**	10:00	3:00	**Stem Cells and Exosomes: Advanced Concepts in Tissue Repair and Drug Delivery** *Nawah Scientific*	
Main Hall	**Session 3** *Chemistry of Bioactive Molecules: Nature, Design and AI* ***Chairpersons:*** ***Prof. Noha Nahedj*** ***Prof. Tarek Aboul-Fadl*** ***Prof. Sherif Hammad*** ***Prof. Yasser Ghallab***	10:00	10:20	**Dr. Shunji Takahashi** RIKEN Center for Sustainable Resource Science, Japan	Biosynthesis and Post-PKS Tailoring Reactions of Polyketide Natural Products
		10:25	10:45	**Dr. Islam Adel** RIKEN Center for Sustainable Resource Science, Japan Assiut University, Egypt	Syo1.56, A Non-Canonical SARP Regulator Drives Multi-Metabolite Biosynthesis in Streptomyces sp. RK18-A0406
		10:50	11:10	**Prof. Mostafa A. Fouad** Minia University, Egypt	From Agri-Food Waste to Bioactive Candidates: Integrating Natural Products Research and AI
		11:15	11:35	**Prof. Hamdy Abdel-Rahman** Badr University in Assiut, Egypt	Integrating AI in Drug Design and Medicinal Chemistry
		11:40	12:00	**Prof. Yaseen Elshaier** University of Sadat City, Egypt	Teaching AI to Read Molecules: Challenges and Opportunities in Chemistry
		12:05	12:25	**Prof. Batool Imran** University of Samarra, Iraq	Alkaloids From Iraqi Macrofungi: A Critical Review of the 2021–2026 Evidence and a Roadmap for Credible Discovery
		12:30	12:50	**Ph. Rana Galal** Assiut Health and Population Directorate, Egypt	Beyond Mitigation: Rebamipide as a Molecular Switch to Restore Hepatic Homeostasis in Drug-Induced Injury
	Coffee Break	12:50	13:20		
Main Hall	**Session 4** *Advanced Drug Delivery, Genomics and the Future of Pharmacy* ***Chairpersons:*** ***Prof. Abdel-Rahman Hedar*** ***Prof. Hamdy Abdelrahman*** ***Prof. Tahani H. Elfaham*** ***Prof. Mahmoud Elbadry***	13:20	13:35	**Prof. Yoon Yeo (recorded)** Purdue University, United States	It's Still the Delivery: Spatiotemporal Control of Cancer Chemoimmunotherapy
		13:40	13:55	**Ph. Hend Mamdoh** Sphinx University, Egypt	Beyond Sequencing: AI in Genomics
		14:00	14:15	**Prof. Mahmoud M. A. Elsayed** Sohag University, Egypt	The Future of Pharmacy: Bridging Innovation, Research, and Patient Care
		14:20	14:35	**Dr. Ahmed M. Sayed (recorded)** Nahda University, Egypt	Reshaping Pharmaceutical Education in the AI Era: Accessible Interactive Workflows for Future Pharmacist
		14:40	14:55	**Ph. Rania Saad** Assiut University Children's Hospital Deraya University, Egypt	The AI Pharmacist: Essential Skills Every Pharmacist Must Master Before 2030
		14:55	15:05	**Sponsor symposium**	
		15:05	15:35	**AI in Pharmaceutical Practice and Research - hackathon results**	
	Closing Ceremony & Awards	15:35	16:00		
Handed out	**Lunch**	16:05	-		