

Scientific Program

08:00 - 14:00	Registration	
08:55 - 09:00	Welcome Remarks	
Session 1		
09:00 - 09:30	Artificial Intelligence in Medicine: An Overview	Prof. Jasjit Suri
09:30 - 10:00	Rheumatology in the Age of Artificial Intelligence: From Data Insights to Clinical Impact	Dr. Aamna Mohammed Al Shehi
10:00 - 10:30	Feature Engineering Meets Immunology: Harnessing Clinical and Genetic Data with Machine Learning to Unravel Disease Mechanisms	Dr. Andreas Henschel
10:30 - 10:45	AdARRC™ Networking & Refreshment Break	
10:45 - 11:15	Quantitative Functional Assessment in Rheumatoid Arthritis: Mitigating Progression of Joint Damage	Dr. Abdul Aziz Vaqar Ahmed Hulleck
11:15 - 11:45	Predicting Chiropractor Experience from Spinal Manipulation Force Time Profiles on a Manikin	Dr. Mohamed Yousry Elgendi
11:45 - 12:15	Attention-Based Hybrid Deep Learning Models for Cardiovascular Risk in Multiclass Frameworks	Prof. Jasjit Suri
12:15 - 12:30	Question & Answer	
12:30 - 14:00	Prayer & Lunch	

Program as of 16 October 2024.

**Disclaimer: This program is tentative and may be subject to change at the discretion of the Faculty.*

in collaboration with



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Session 2		
14:00 - 14:30	RegenerOmics- A Combined Regenerative Medicine and Multi-Omics approach for ameliorating Rheumatoid Arthritis	Dr. Nupur Kohli
14:30 - 15:00	Integrating Artificial Intelligence for the Advancement of Rheumatology	Dr. Maisam Abdulrahman Wahbah
15:00 - 15:30	The Interplay between Rheumatology, Memristors, and Artificial Intelligence	Dr. Yasmin Halawani Rashad Halawani
15:30 - 15:45	Question & Answer	
15:45 - 16:00	AdARRC™ Networking & Refreshment Break	
Session 3		
16:00 - 16:30	The Role of Artificial Intelligence in Detecting Distinctive Facial Features in Patients with Systemic Sclerosis - pilot study	Dr. Yossra Suliman
16:30 - 17:00	Artificial Intelligence-Based Cardiovascular/Stroke Risk Stratification in Women with Autoimmune Disorders	Dr. Ekta Tiwari
17:00 - 17:30	Artificial intelligence-based preventive, personalized and precision medicine for cardiovascular disease/stroke risk assessment in rheumatoid arthritis patients	Prof. Jasjit Suri
17:30 - 17:45	Question & Answer	
END OF THE DAY		

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Event Etiquette Reminder:

In the spirit of respect for our speakers and fellow attendees, we kindly ask that you remain seated throughout the presentations. Should you need to leave, please do so during the Q&A session to avoid disruptions.

Your cooperation ensures a smooth and respectful environment for everyone.

Thank you for your understanding.