

OVERALL LEARNING OBJECTIVES:

The goal of the annual conference of the AIIMSonians of America is to inform its members of the exciting discoveries and practice-changing advances in medical research and technology in every area of medicine and surgery. The 2025 conference will focus on advances in the areas of medicine with a specific focus on artificial intelligence in medicine, cardiology, lifestyle medicine, obesity, gut health, neurology / neurosurgery, rheumatology, targeted gene therapy and precision medicine and cancer care. An additional focus will be on professional development and alternate career pathways and entrepreneurship.

The 2025 annual Keswani Memorial Lecture will focus on the CME theme: **Global Data in Medicine**

The schedule lists speakers, topics, and specific conference objectives.

CONVENTION OBJECTIVES

Developments in Medicine, Surgery, and Innovation

- Provide a comprehensive overview of transformative discoveries and innovations in medicine and surgery that enhance clinical practice and patient outcomes.
- Examine contemporary advancements in cardiology, encompassing prevention, intervention, and state-of-the-art technologies.
- Review significant developments in neurology and neurosurgery, particularly in diagnostic innovations and therapeutics.
- Discuss the evolution of treatment paradigms in rheumatology, focusing on targeted therapies.
- Analyze breakthroughs in targeted gene therapy and multi-omics methodologies propelling the next era of personalized medicine.
- Present the most recent updates in oncology, emphasizing novel strategies for cancer prevention, early detection, and individualized treatment plans.

Artificial Intelligence, Big Data, and Global Innovation

- Elucidate the integration of artificial intelligence in medicine, focusing on its applications in diagnosis, treatment, clinical decision-making, and healthcare service delivery.
- Investigate the transformative impact of global health data in advancing clinical research, patient care, and public health initiatives across diverse populations.
- Discuss methodologies for leveraging extensive real-world data and multinational clinical datasets to facilitate evidence-based decision-making, precision medicine, and health equity.

- Examine the ethical, regulatory, and technological challenges inherent in collecting, integrating, and applying global medical data.
- Highlight innovations in data science, artificial intelligence, and machine learning that enable global data synthesis into actionable insights for diagnostic purposes, treatment optimization, and enhancement of healthcare systems.

Lifestyle Medicine and Wellness

- Promote a thorough understanding of lifestyle medicine principles-including nutrition, physical activity, sleep hygiene, and stress management-in the prevention and management of chronic diseases, with a specific focus on obesity and metabolic health.
- Examine emerging insights into the role of gut health and its systemic implications for overall wellness and disease.
- Support physician well-being through discussions on mental health, burnout prevention, work-life balance strategies, and methods for sustaining both personal and professional well-being.

Professional Development and Alternative Career Pathways

- Encourage professional growth through sessions focused on career advancement, leadership development, financial wellness, and strategies for pursuing alternative career pathways beyond traditional clinical practice.
- Foster entrepreneurial thinking by featuring physician-led innovations, startup ventures, and the translation of medical expertise into successful endeavors within industry, digital health, and biotechnology sectors.

ACCREDITATION STATEMENTS



by the ACCME to provide continuing medical education for physicians

PHYSICIANS

The SIU School of Medicine designates this live activity for a maximum of 11.0 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

CERTIFICATE OF ATTENDANCE

All other attendees will receive a Certificate of Attendance.



42TH ANNUAL CONVENTION

AIIMSONIANS OF AMERICA

ADVANCES AND INNOVATIONS IN MEDICINE

AUG 01 - AUG 02
8.00 am - 1.00 pm CT

*A world class lecture series
by your peers.
We are a powerhouse alumni!*

Orlando 2025



DAY - 1 ▾ Friday, Aug 1

7:30 am - 9:00 am - Breakfast
Yoga session with Dr. Bijlani

7:50 am - 8:00 am
Welcome and Introductions
Sambit Mondal, MD | Shveta Gupta, MD

NEUROLOGY

8:00 am - 8:20 am
Migraine Headaches
Sanjiv Sahoo, MD
Current therapeutic options for a migraine headaches

8:20 am - 8:40 am
Breaking the Plaque- The New Era of Alzheimer's Treatment
Gurdesb Bedi, MD
Advances in treatment of Dementia

8:40 am - 9:00 am
Advances in less invasive spine surgery
Faiz Ahmad, MD
Neurosurgical perspectives to Back pain

KESWANI MEMORIAL LECTURE

9:15 am - 9:20 am
Introduction to Keswani Lecture
Atul Madan, MD

9:20 am - 10:20 am
Navigating without a Map: A physician's Journey of learning, leading and creating
Atul Dhir, MD

ARTIFICIAL INTELLIGENCE IN MEDICINE

10:40 am - 11:00 am
Applications of AI in Critical care Medicine
Ankit Sakuja, MD
Health analytics in cardiovascular disease

11:00 am - 11:20 am
From One-to-One to One-to-Many Care: Mastering the Science and Practice of Digital Health and AI
Ashish Atreja, MD
How to master scalable models to address workforce shortages and patient reach

11:20 am - 11:40 am - AI in Pharma and Biotech
Shveta Gupta, MD
Bedside-> Biotech->Bedside

LUNCH 12:00 PM - 13:00 PM

DIGITAL ABSTRACT SESSION

CARDIOVASCULAR DISEASES

13:00 pm - 13:20 pm
Valvular heart disease
Nipun Arora, MD
Advances in structural heart disease - an eye on the future

13:20 pm - 13:40 pm
Minimally invasive cardiothoracic surgery
Kaushik Mandal, MD
Role of robotic surgery for mitral valve disease and arrhythmia management

13:40 pm - 14:00 pm
Alternate device therapy applications in Electrophysiology
Rajesh Kabra, MD
Next generation device therapy applications for heart failure, bradycardia and sudden death

14:00 pm - 14:20 pm
Wearable Technologies in cardiology space
Prabhat Jha, MD
Understanding scope and validity of wearable technologies in Cardiology

14:30 pm - 15:30 pm
Medical Jeopardy
Ruchika Goel, MD | Preet Pal Singh, MD
Sunil K. Agarwal, MD
Active CME and Kahoot game with questions

DAY - 2 ▾ Saturday, Aug 2

7:30 am - 9:00 am Breakfast
Meditation sessions with
Dr. Bijlani

8:50 am - 9:00 am
Welcome and Introductions
Sambit Mondal, MD

PRECISION MEDICINE

9:00 am - 9:20 am
Gene therapy in Sickle cell disease
Ruchika Goel, MD
Targeted Gene therapy in Sickle cell disease

9:20 am - 9:40 am
Cancer immunotherapy's unwanted guests- when rheumatology crashes the party
Namrata Singh, MD
Immunotherapy and rheumatology

CRITICAL CARE MEDICINE

9:40 am - 10:00 am
Critical care updates
Tilottama Majumdar, MD

10:00 to 10:20 - TEA break

LIFESTYLE MEDICINE

10:20 am - 11:20 am
Why go beyond the mind - body connection for health and healing?
Ramesh Bijlani, MD
Intersection of medicine and mindfulness

11:20 am - 11:50 am
The Road Less Traveled: A Clinician's Soulful Journey Through the Startup and Venture Ecosystem
Ashish Atreja, MD

11:50 am - 12:20 pm
Unlock your inner radiance :
The lifestyle Medicine glow up
Pankaj Vij, MD
Links of skin to gut microbiome

LUNCH 12:30 PM - 13:30 PM

DIGITAL ABSTRACT SESSION

GUT HEALTH

13:30 pm - 13:50 pm
Gut Health - pachan kriya
Saurabh Sethi, MD
Food choice for optimal gut health

13:50 pm - 14:20 pm
State of Art for GERD
Sumeet Mittal, MD
Medical and surgical aspects of GERD

14:20 pm - 14:40 pm
What I Stopped Eating-and Why-to Make Room for Real Nutrition : An Endocrinologist's Personal Journey for Metabolic Health
Nikhil Gupta, MD
Lifestyle choices for healthy living

14:40 pm - 15:00 pm
Infant reflux and allergy in pediatrics Health and wellness, mind body and soul
Kanika Puri, MD
Food allergies and acid reflux issues in pediatric population