

# REPORT OF ADVANCEMENT IN CARDIOVASCULAR MEDICINE & RESEARCH- 2023 (ACMR-2023)

**the Joint Annual Conference Organized under the aegis of the  
International Academy of Cardiovascular Sciences-Indian Section &  
International Society for Heart Research-Indian Section  
at PGIMER, Chandigarh from 16-18<sup>th</sup> February 2023**

*Anupam Mittal (Organizing Secretary) & Mukesh Nandave (Joint Organizing Secretary)*

A three-day conference on the Advancement of cardiovascular medicine and research was organized by the Cardiovascular research group (CRG) of PGIMER from 16-18 February 2023 under the aegis of IACS and ISHR India section. This meeting was held in physical mode for the first time after the COVID pandemic. Around 220 delegates from India and various countries including the United Kingdom, Canada, and USA attended the meeting.

The meeting's inaugural ceremony was presided over by Dr. Rajiv Bahl, Director-General, ICMR as Chief Guest, and Dr. Vivek Lal, Director, PGIMER, Chandigarh was the Guest of honor. Inauguration was attended by other dignitaries like Dr. KK Talwar, and Dr RK Goyal and it was started by a welcome address by Chair Dr. Saurabh Mehrotra and concluded with vote of thanks by Dr. Anupam Mittal organizing secretary. There were many dignitaries like Dr. NK Ganguly, Dr. NS Dhalla who attended the inaugural meeting.



*Lamp lighting ceremony during the inauguration*



*Release of e-souvenir book at the inaugural ceremony*

A pre-conference workshop on Light Microscopy and Confocal microscopy was organized on 16<sup>th</sup> Feb and more than 70 delegates attended the workshop. There was another workshop on left bundle pacing for residents.



*Dr. Raja Sebastian talked on the fundamentals of confocal microscopy.*



*Research students attending the microscopy workshop*

On the first day, the meeting started with the introduction of CRG by Anupam Mittal. International and national speakers discussed the role of genetics and epigenetics in the pathogenesis of heart diseases. The young research scientists presented their work on cardiovascular diseases for Prof. NS Dhalla and Prof. Suresh C Tyagi Awards for basic research.



Day 2 started with a scientific session talk delivered by two eminent scientists, Dr. K. Thangaraj (Director, CDFD, Hyderabad) and Dr. Mary Sheppard from St. George university, London spoke on Rheumatic heart disease and sudden cardiac death.

Dr. Gurpreet Singh Wander delivered Prof. PL Wahi oration and spoke on role of genetics and environment in heart disease in South Asian population.



There were sessions on clinical interventions in cardiovascular medicine and new technologies in heart disease.

During lunch, students presented their work in the form of e-posters. In the evening, young clinical scientist presented their work in NK Ganguly Award category.





*Students presenting their work as e-poster in NS Dhalla and DK Agrawal Poster session*

The day was concluded by talk from eminent cardiologist Dr. Jagat Narula as he delivered Prof. ML Bhatia oration on reducing cholesterol levels among the population.





**IACS felicitated Prof. K. K. Talwar, Prof. C.C. Kartha, Prof. Ajay Bahl, Dr. Mukesh Nandave and Dr. Anupam Mittal during the Gala Dinner**

Day 3 started with two orations Dr. Srinivas Tipparaju delivered Prof. Harpal Buttar Oration and Dr. Nitish Mahapatra delivered Prof. Manjit Singh oration. There were talks on new developments in cardiovascular medicine and technology transfer, IPR and a dedicated session on Artificial Intelligence and cardiovascular diseases.

Dr. Ambuj Roy, Dr. Gautam Sharma and Dr. S Ramakrishnan from AIIMS New Delhi were selected for Torrent Mid-career award.



*Dr. Gautam Sharma receiving Torrent Mid-career award*

Various speakers talked about new developments in Stem cells and cardiac regenerative tools. Dr. Sanjeev Dhingra from St. Bonafice, Winnipeg talked about the importance of sustenance of stem cell therapy in an *in-vivo* system. The day was concluded with a valedictory function.



**IACS India Section felicitated Prof. Rajiv Narang with Prof. Ramesh K. Goyal Oration Award and Dr Sanjeev Dhingra with Prof. Rakesh C. Kukreja Oration Award**





*Happy faces after valedictory function*

As per the aim, this meeting brought a lot of cardiac biologists and researchers on the same platform emphasizing the need for translational research.