

# THE HEART FAILURE CONFLUX

Virtual Confluence of  
Scientists and Clinicians Caring Heart Failure  
February 4th – 5th 2023

**THEME 2023 - CARDIAC METABOLISM &  
METABOLIC THERAPY IN HEART FAILURE**



**Invited Abstract Session**  
Deadline for submission - 20<sup>th</sup> Jan 2023



Sree Chitra Tirunal Institute for  
Medical Sciences & Technology  
(SCTIMST), Trivandrum, India



Heart Failure Association of India  
(HFAI)



ICMR Centre for Advanced  
Research and Excellence in Heart  
Failure, SCTIMST, Trivandrum, India



Supported by  
Indian Council of Medical Research  
(ICMR), New Delhi

Dear Colleagues,

Interactions between basic and clinical researchers should be more like a 'virtuous cycle' of bench to bedside and back again. With the advances in genetic, molecular diagnostics and therapeutics, it is now essential for basic and clinical scientists to collaborate to improve patient outcomes by exploring disease mechanisms, therapeutic avenues and diagnostics.

With this background, Centre for Advanced Research and Excellence in Heart Failure (CARE-HF) established under the Indian Council of Medical Research (ICMR) at SCTIMST, Trivandrum, Kerala, India, is organizing a confluence of heart failure specialists and basic scientists. This meeting is organized in association with the Heart Failure Association of India, and is supported by the ICMR, New Delhi.

## Organizing Team



**Patron**

**Prof. Dr. Sanjay Behari**

Director, SCTIMST



**Org Chairman**

**Prof. Dr. C C Kartha**

Former President, International Academy  
of Cardiovascular Sciences (IACS), India



**Org Secretary**

**Prof. Dr. S Harikrishnan**

Organizing Team  
Chair, Council on Heart Failure, India

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Dr. Anugya Bhatt

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### ICMR Experts

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### HFAI Team

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# FACULTY



**Prof. Dr. Giuseppe M.C. Rosano**  
**President, Heart Failure Association of ESC**  
Professor of Cardiology  
Consultant Cardiologist  
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**Prof. Dr. Gabriele Fragasso**  
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**Prof. Dr. Thomas Thum**  
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Kerala, India

## SCIENTIFIC PROGRAMME

Saturday, 4 <sup>th</sup> February 2023		DAY 1
5:00PM - 6:00 PM IST	Session I Invited Abstracts session	
6:00PM - 6:25PM	Session II Key Note Address	
	Metabolic Approach to Heart failure: The role of Metabolic Modulators	<b>Prof. Dr. Giuseppe M.C. Rosano</b> <i>St. George's University Hospitals, University of London, UK. President, Heart Failure Association of ESC</i>
6:25PM - 7:30PM	Session III Metabolic Targets for Management of HF	
	Moderators: Prof. CC Kartha, Dr. Sanjay G	
6:25PM - 6:50PM	Metabolic Therapy of Heart Failure	<b>Prof. Dr. Gabriele Fragasso</b> <i>Heart Failure Clinic, Istituto Scientifico San Raffaele, Milan, Italy.</i>
6:50PM - 7:10PM	Helpful and harmful lipids in heart failure	<b>Dr. Ganesh V. Halade</b> <i>Division of Cardiovascular Sciences, Department of Medicine The University of South Florida, Tampa FL, United States</i>
7:10PM - 7:30PM	Iron Metabolism in Heart Failure	<b>Prof. Dr. Gavin Y Oudit</b> <i>Mazankowski Alberta Heart Institute, Canada</i>
	Recap & Conclusions	
7:30PM - 8:30PM IST	Session IV Novel concepts in Metabolic Management of HF	
	Moderators: Prof. K. Venugopal, Prof. VK Chopra	
7:30PM - 7:50PM	Metabolic Management of Heart Disease	<b>Dr. Akshyaya K. Pradhan</b> <i>Department of Cardiology, King George Medical University, Lucknow, Uttar Pradesh, India</i>
7.50PM - 8.10PM	Branched chain amino acid metabolism in Heart Failure	<b>Dr. Thomas Pulinilkunnil</b> <i>Department of Biochemistry and Molecular Biology, Dalhousie University, Halifax, Canada</i>
8:10PM - 8:30PM	Restrictive cardiomyopathy: from genetics and clinical overview to animal modelling	<b>Prof. Dr. Enkhe Purevjav</b> <i>Heart Institute, Department of Pediatrics University of Tennessee Health Science Center Memphis, TN 38103, USA</i>
	Recap & Conclusions	

Sunday, 5 <sup>th</sup> February 2023		DAY 2
6:00PM - 7:20PM IST	Session I	
	Novel Metabolic Therapies for Heart Failure	
	Moderators: Prof. K. Shivakumar, Dr. Anoop Kumar T	
6:00PM - 6:20PM	Non coding RNA based therapeutics for heart failure	<b>Prof. Dr. Thomas Thum</b> <i>Institute for Molecular and Translational Therapeutic Strategies (IMTTS), Hannover, Germany</i>
6:20PM - 6:40PM	Metabolomic Approach to Profile Metabolic Changes in Heart Failure	<b>Dr. Abdul Jaleel</b> <i>Rajiv Gandhi Centre for Biotechnology, Kerala, India</i>
6:40PM - 7:00PM	Mitochondria and Metabolic Transitions in Cardiomyocytes	<b>Dr. G Srinivas</b> <i>SCTIMST, Trivandrum, Kerala, India</i>
7:00PM - 7:20PM	Sodium Glucose Co-transporter 2 Inhibitor Therapy in Heart Failure	<b>Dr. Shruti S Joshi</b> <i>BHF Center for Cardiovascular Science, Edinburgh, United Kingdom</i>
	Recap & Conclusions	
7:20PM - 8:00PM IST	Session II	
	Genetics and Metabolism in HF	
	Moderators: Prof. Dr. Ajay Bahl, Dr. Hisham Ahamed, Dr. Madhusoodanan UK	
7:20PM - 7:40PM	Adiponectin receptor 1 variants contribute to hypertrophic cardiomyopathy that can be reversed by rapamycin	<b>Dr. P S Dhandapany</b> <i>InStem, Bangalore, India</i>
7.40PM - 8.00PM	System Genetics Approaches to Comprehend Metabolic Reprogramming in Heart Failure	<b>Dr. S Sumi</b> <i>Rajiv Gandhi Centre for Biotechnology, Kerala, India</i>
	Recap & Conclusions	

## Call for Abstracts

Deadline for submission – 20<sup>th</sup> January 2023

**Abstracts are invited for a competitive session on Day 1, 04-02-2023** from areas of basic or translational research related to Heart Failure. Best paper will be awarded Rs. 10,000/- and certificate from Heart Failure Association. The best abstract will be published in the Heart Failure Journal of India. Abstracts in IMRAD format with one Table/Figure and not exceeding 500 words can be emailed to [hfaioffice@gmail.com](mailto:hfaioffice@gmail.com). Kindly register before abstract submission and to receive the meeting link, there is no registration fee.

### Contact us

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