

THE HEART FAILURE CONFLUX

Virtual Confluence of
Scientists and Clinicians Caring Heart Failure
February 4th – 5th 2022

HEART FAILURE THERAPEUTICS: PROSPECTS & PROMISES



Invited Abstract Session
Deadline for submission - 22nd Jan 2022



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



Sree Chitra Tirunal Institute for
Medical Sciences & Technology,
Trivandrum



In Association with
Heart Failure Association of India



In Association with
International Academy of
Cardiovascular Sciences Indian
Section



Supported by
Indian Council of Medical Research

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 and molecular diagnostics and therapeutics, it is now essential for basic and clinical scientists to collaborate to improve patient outcomes. It is also possible to build upon each other's work to explore more into disease mechanisms, therapeutic avenues and diagnostics.

With this background, Centre for Advanced Research and Excellence in Heart failure – (CARE-HF) established under ICMR in SCTIMST Trivandrum is organising a confluence of heart failure specialists and basic scientists. This meeting with Heart Failure Association of India which is planned as a confluence of heart failure specialists and basic scientists. This meeting is in association with Heart Failure Association of India, International Academy of Cardiovascular Sciences and is supported by ICMR.

Organizing Team



Patron

Dr. Ajit Kumar VK
Director SCTIMST



Org Chairman

Prof. Dr. CC Kartha
President, IACS India



Org Secretary

Prof. Dr. Harikrishnan S
President, HFAI

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Dr. Chopra V K

IACS Team

Dr. Surya Ramachandran
Dr. Srinivas G

Call for Abstracts

Deadline for submission – 22nd January 2022

Abstracts are invited for a competitive session on Day 1, 04-02-2022 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. Abstracts in IMRAD format with one Table/Figure and not exceeding 500 words may be uploaded in the given link

SUBMIT ABSTRACT

[CLICK HERE >](#)

Contact us

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TO REGISTER

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Websites : heartfailure.org.in | www.hfai.co.in

Speakers



Dr. Anjali Tiku Owens, MD
Director, Centre for Inherited Cardiovascular Disease
Section of Heart Failure and Transplantation
University of Pennsylvania Perelman School of Medicine, USA



Dr. Andrew Coats
President
Heart Failure Association of the ESC
And Professor of Cardiology,
Monash University, Australia
and Warwick University, UK



Dr. Ashraf Yusuf Rangrez, PhD
Senior Group Leader
Internal Medicine III, University Hospital Heidelberg
Heidelberg, Germany.



Dr. Jorge Alegre-Cebollada, PhD
Associate Professor
National Center for Cardiovascular Research (CNIC), Madrid, Spain



Dr. Dhandapany Perundurai, PhD
Institute for Stem Cell Science and Regenerative Medicine (InStem),
National Centre for Biological Sciences (NCBS), Bangalore, India



Dr. Manoj Kumar Barthwal, PhD
Senior Principal Scientist & Head,
Pharmacology
CSIR-Central Drug Research Institute,
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Prof. Dr. R. Krishna Kumar
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Head- Capacity Building, Centre for Chronic Disease Control, New Delhi, India
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Indian Institute of Science,
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Dr. Rahul Mandole, BAMS, PGDCR
Head Research and Development,
Madhavbaug Cardiac Care Clinics and Hospitals.
Mumbai, India



Dr. Sanjiv Dhingra, PhD, FAHA, FCVS
Associate Professor
Director, Canada Italy Tissue Engineering Program
Institute of Cardiovascular Sciences, St. Boniface Hospital Research
Regenerative Medicine Program
Department of Physiology and Pathophysiology
College of Medicine, Faculty of Health Sciences
University of Manitoba, USA



Dr. Rakesh S. Laishram, PhD
Scientist E-II
Rajiv Gandhi Centre for Biotechnology,
Thiruvananthapuram
Kerala, India



Dr. Thomas Netticadan, PhD
Principal Investigator, Adjunct Professor
Heart Failure Research Laboratory,
Canadian Centre for Agri-food Research in Health and Medicine. Department of Physiology, University of Manitoba, USA



Dr. Sakhivel Sadayappan, PhD, MBA
Professor of Internal Medicine
Associate Chief, Basic Research, Division of Cardiovascular Health and Disease
Associate Chair, Basic Research, Internal Medicine
Director, Heart Research, Heart, Lung and Vascular Institute
University of Cincinnati College of Medicine, USA



Dr. Vikas Kumar, PhD
Postdoctoral Researcher-Visiting Fellow
Laboratory of Cardiovascular Science (LCS)
NIH-National Institute on Ageing (NIA)
Baltimore, USA



Dr. Vinod Scaria, MBBS, PhD
Principal Scientist. CSIR Institute of Genomics and Integrative Biology (CSIR-IGIB).
New Delhi, India

**Time Shown Refers to IST (Indian Standard Time)*

HEART FAILURE CONFLUX 2022 - Scientific Programme

DAY - 01

BASIC SCIENCES

February 4th, Friday

Session I

05:00 - 06:00 PM

Invited Abstracts Session

7 mins Presentation + 3 mins Discussion

Judges

Dr. Sanjay Banerjee, *NIPER*

Dr. Ajay Bahl, *PGIMER, Chandigarh*

Dr. Mukesh Nandave, *Delhi Pharmaceutical Sciences and Research University, New Delhi*

Inhibition of Fatty Acid Synthase Reverses Cardiac Remodelling

Dr. Kashif Hanif

Functional Implications of RNA-binding proteins in cardiac pathophysiology

Dr. Shashi Kumar Gupta

Altered phenotype and impaired homing of regulatory T cells (Tregs) and myeloid derived suppressor cells (MDSCs) contributes to atherosclerosis progression

Dr. Shamima Akhtar

PHLPP1/AMPK/ChREBP axis dependent lipogenic pathways escalate lipid accumulation in foam cells and in mammalian model of atherosclerosis

Ms. Keerthana B

Genetic screening of PCSK9 and LDLR genes in Familial Hypercholesterolemia (FH) patients in India

Ms. G Lakshmi Lavanya

Session II - Inauguration and Welcome Address

06:00 - 06:15 PM

Welcome Address: Prof. Dr. C C Kartha

Inauguration & Inaugural Address: Prof. Dr. Ajit Kumar VK, *Director SCTIMST*

Vote of Thanks: Prof. Dr. Harikrishnan S

Session III - Targets in Heart Failure Therapy

Moderators

Dr. K. Shivakumar, Dr. Anoopkumar T

06:15 - 06:35 PM

SIRT6- A novel therapeutic target for treating lipotoxicity in the heart

Dr. Ravi Sundaresan, *IISC, Bangalore*

06:35 - 06:55 PM

RBM10 as a target to regulate hypertrophy

Dr. Rakesh Laishram, *RGCB, Trivandrum*

06:55 - 07:15 PM

Macrophage p47^{phox} to limit ECM remodelling

Dr. Manoj Barthwal, *CDRI, Lucknow*

Recap & Conclusions

**Time Shown Refers to IST (Indian Standard Time)*

Session IV - Novel therapies for Heart Failure

Moderators	Dr. Srinivas G, Dr. Sanjay G, Dr. Surya Ramachandran
07:20 - 07:40 PM	Strategies to enhance survival of transplanted stem cells in failing hearts Dr. Sanjiv Dhingra , <i>University of Manitoba</i>
07.40 - 08.00 PM	Ayurvedic treatment for chronic heart failure Dr. Rahul Mandole , <i>Sane Care, Madhavbaug, Mumbai</i>
08:00 - 08:20 PM	Molecular pathomechanisms induced by MYBPC3 mutations that cause hypertrophic cardiomyopathy Dr. Jorge Alegre-Cebollada , <i>National Institute for Cardiovascular Research, Spain</i>
08:20 - 08.40PM	Pharmacogenomics and Cardiovascular disease management Dr. Vinod Scaria , <i>IGIBI, New Delhi</i>
Recap & Conclusions	

DAY - 02**CLINICAL RESEARCH IN HF DIAGNOSTICS AND THERAPEUTICS****February 5th,
Saturday****Session I**

05:30 - 06:00 PM	HCM Advanced Research Consortium - (HART) Meeting Dr. Ajay Bahl, Dr. Hisham Ahmed, Dr. Dhandapany P. Dr. Meenakshi Sharma, Dr. K. Thangaraj, Dr. CC Kartha Dr. Harikrishnan S.
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Session II - Genetics and Heart Failure

Moderators	Dr. Ajay Bahl, Dr. Hisham Ahmed, Dr. Madhusoodanan UK
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06:00 - 06:20 PM	Genetics of Inherited Cardiomyopathies Dr. Anjali Tiku Owens <i>Center for Inherited Cardiac Disease, University of Pennsylvania</i>
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06:20 - 06:40 PM	Functional Genomics in Heart Failure Dr. Dhandapany P, InStem, Bangalore
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06:40 - 07:00 PM	Genetic analysis in HF - Techniques and how to order? Dr. S. Sakthivel, University of Cincinnati
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Recap & Conclusions**Session III - Key Note Address**

Moderators	Prof K. Venugopal, Dr. VK Chopra
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07:00 - 07:30 PM	Heart Failure Management in the last five decades - Understanding of the disease pathways. Dr. Andrew Coats, Monash University
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Session IV - Challenges in HF Treatment

Moderators	Dr. Kavita Raja, Dr. Jeemon P, Dr. Neethu Mohan
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07.30 - 07.50 PM	Immunomodulatory therapy for HF Dr. Vikas Kumar, NIH-National Institute on Ageing, Bethesda
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07:50 - 08:10 PM	Potential of resveratrol in the management of heart failure Dr. Thomas Netticadan, SBRC, Winnipeg
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08:10 - 08:30 PM	RHD Research - Prospects and promises Dr. R Krishna Kumar, Amrita Institute of Medical Sciences, Kochi
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08:30 - 08:50 PM	Cardio-Gut Axis in Heart Failure Dr. Ashraf Yusuf Rangrez, Heidelberg University Hospital, Germany
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