

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



In Association with
International Academy of
Cardiovascular Sciences Indian
Section



Sree Chitra Tirunal Institute for
Medical Sciences & Technology,
Trivandrum



In Association with
Heart Failure Association of India



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

Prof. Dr. Ajit Kumar V.K.
Director SCTIMST



Org Chairman

Prof. Dr. C.C. Kartha
President, IACS India



Org Secretary

Prof. Dr. Harikrishnan S.
President, HFAI

SCTIMST Team

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Dr. Sanjay G.
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Dr. V.K. Chopra

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



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



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Dr. Rahul Mandole, BAMS, PGDCR
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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,
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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

HEART FAILURE CONFLUX 2022 - Scientific Programme

DAY - 01

BASIC SCIENCES

February 4th, Friday

Session I

05:00 - 06:00 PM **Invited Abstracts session**

Session II - Inauguration

06:00 - 06:15 PM **Welcome Address: Prof. Dr. C.C. Kartha**
Inauguration & Inaugural Address: Prof. Dr. Ajit Kumar, 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 **Signalling pathways of hypertrophy as a target**
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

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, University of Manitoba

07:40 - 08:00 PM **Ayurvedic treatment for chronic heart failure**
Dr. Rahul Mandole, Sane Care, Madhavbaug, Mumbai

08:00 - 08:20 PM **Molecular pathomechanisms induced by MYBPC3 mutations that cause hypertrophic cardiomyopathy**
Dr. Jorge Alegre-Cebollada,
National Institute for Cardiovascular Research, Spain

08:20 - 08:40PM **Pharmacogenomics and Cardiovascular disease management**
Dr. Vinod Scaria, IGIBI, New Delhi

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. C.C. Kartha, Dr. Harikrishnan S.
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Session II - Genetics and Heart Failure

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

Recap & Conclusions

Session III - Key Note Address

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

Session IV - Challenges in HF Treatment

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