



Indo-Danish Symposium on  
**Musculoskeletal Stem Cells and Tissue Regeneration**  
February 8 & 9, 2015

Sree Chitra Tirunal Institute for Medical Sciences and Technology, BMT Wing  
Thiruvananthapuram

*Venue: Hotel Residency Tower, Thiruvananthapuram*



**Programme schedule:**

**Session 1: Inaugural Session**

**08 February 2015 – 10.00 am – 11.00 am**

- Welcome** : **Dr. Prabha D Nair,**  
Scientist 'G' & SIC, DTERT, SCTIMST
- Presidential Address** : **Dr. Jaganmohan A Tharakan,**  
Director, SCTIMST
- Inaugural Address & Lighting of Lamp** : **Shri. K. M. Chandrasekhar**  
President, SCTIMST  
Former Central Cabinet Secretary &  
Vice Chairman, Kerala State Planning Board
- Felicitation** : **Sri. O S Neelakantan Nair**  
Head, BMT Wing, SCTIMST
- Vote of Thanks** : **Dr. Harikrishna Varma,**  
Engineer 'F' & SIC, BCL, SCTIMST
- Tea**

**DAY 1: 08 February 2015**

**SESSION 2: STEM CELLS AIDING CLINICAL TRANSLATION (11.30 am – 2.05 pm)**

- 11.30 am - 12.20 pm      **Plenary Address: Prof. Moustapha Kassem**  
University Hospital of Odense, Denmark  
*Target skeletal stem cells for enhancing bone formation*
- 12.20 pm - 1.05 pm      **Invited lecture: Dr. (Lt. Col.) Pawan Kumar Gupta**  
Stempeutics Research, Manipal, India  
*Therapeutic potential of bone marrow-derived, allogeneic mesenchymal stromal cells (Stempeucel®) for patients with critical limb ischemia due to Buerger's disease*
- 1.05 pm – 2.05 pm      **Lunch Break**

**SESSION 3: CELLULAR INTERACTIONS AND MICROENVIRONMENTS DIRECTING CELLULAR FATE (2.05 pm – 4.30 pm)**

- 2.05 pm - 2.50 pm      **Keynote Lecture: Prof. Jyotsna Dhawan**  
CCMB – InStem- NCBS, India  
*Control Mechanisms in Quiescent Cells: An update on myoblasts and MSC*
- 2.50 pm - 3.20 pm      **Invited lecture: Prof. Henrik Daa Schroder**  
Odense University Hospital, Denmark  
*Attempts to improve conditions for myoblast transplantation*
- 3.20 pm - 3.40 pm      **Invited lecture: Dr. Eva Kildall Hejbol**  
SDU Denmark  
*Transfection of primary human myoblasts with mi RNA for inhibition of terminal differentiation*
- 3.40 pm - 4.10 pm      **Invited lecture: Rajashri Mokakshi**  
Stemade Biotech , India  
*Industry perspective toward clinical translation with stem cells*
- 4.10 pm - 4.30 pm      **Tea Break**
- 7 pm                      **DINNER**

**DAY 2: 09 February 2015**

**SESSION 4: MICROENVIRONMENT AND MOLECULAR PATHWAYS DIRECTING CELLULAR FATE (9.15 am – 11.00 am)**

- 9.15 am – 10.00 am      **Keynote Lecture: Prof. Jorgen Kjems**  
Aarhus University, Denmark  
*Controlling stem cell differentiation by miRNA therapeutics*
- 10.00 am -10.45 am      **Invited lecture: Prof. Amitabha Bandopadhyay**  
IIT Kanpur, India  
*Deciphering the molecular gene regulatory network downstream of BMP signaling during bone development*
- 10.45 am – 11.00 am      Tea break**

**SESSION 5: ORGANOGENESIS VIA STEM CELLS AND SCAFFOLDING TECHNOLOGIES (11 am– 1.15 pm)**

- 11.00 am- 11.45 am      **Invited lecture: Prof. Manikandan Ramanathan**  
Meenakshi Ammal Dental College, Chennai, India  
*Congenital deformities of face: Concepts of reconstruction by tissue engineering and regenerative medicine*
- 11.45 am – 12.30 pm      **Invited lecture: Dr. Harikrishna Varma**  
SCTIMST , India  
*Better bioactive materials through novel synthetic methods*
- 12.30 pm – 1.15 pm      **Invited lecture: Dr. H. V. Easwer**  
SCTIMST , India  
*Clinical translation studies with biomaterials*
- 1.15 pm- 2.15 pm      Lunch Break**

**SESSION 6: ORGANOGENESIS VIA STEM CELLS AND SCAFFOLDING TECHNOLOGIES (continued...) (2.15 pm – 4.30 pm)**

- 2.15 pm - 3.00 pm      **Invited lecture: Prof. Vrisha Madhuri**  
CMC Vellore, India  
*Summary of Indo Danish projects & Translational aspects of growth plate repair*
- 3.00 pm - 3.35 pm      **Invited lecture: Dr. Sanjay Kumar**  
CMC Vellore , India  
*Articular cartilage regeneration*
- 3.35 pm - 4.20 pm      **Invited lecture :Dr. Prabha D. Nair**  
Scientist G, SCTIMST, India  
*Novel Polymeric biomaterials for tissue engineering*
- 4.20 pm – 4.40 pm      Tea Break**