

**“Emerging Trends in Medical Biotechnology and Bioinformatics”  
March 12<sup>th</sup> – 13<sup>th</sup>, 2010**



The Department of Biotechnology, Aarupadai Veedu Institute of Technology, Vinayaka Missions University, conducted a National Seminar titled “Emerging Trends in Medical Biotechnology and Bioinformatics” from the 12<sup>th</sup> – 13<sup>th</sup>, March 2010. The programme was Co-sponsored by the Government of India, Ministry of Science & Technology, Department of Biotechnology, New Delhi.

Dr. S. Vincent, Member Secretary, Tamil Nadu State Council for Science & Technology, inaugurated the programme. Dr. Santosh K. Tiwari, Scientist, Centre for Liver Research and Diagnostics, Deccan College of Medical Science delivered a presentation where he highlighted the application of stem cells in treating Type I Diabetes. Dr. D. Sudrasanam, Professor, School of Genomics, Dept. of Advanced Zoology and Biotechnology delivered a talk on “Pharmacogenomics”. Dr. Amutha Ravikumar, Aggregate Re-viewer from Accenture, Health and Life Sciences’ presentation focused on the flow of drug discovery, initiating from *in-silico* studies, wet-lab experiments, pre-clinical and clinical studies, post marketing surveillance, etc. Mr. D. Krishna, Executive Manager from Bangalore Genei discussed about the Bangalore Genei products and their services include Design, Development, and production testing and marketing of biological products, and their vision of entering the US and European markets. Dr. Michael

Aruldas, Secretary, SRBCE, Professor and Head, Dept. of Biotechnology, University of Madras, discussed about the promoting effect of testosterone on thyroid cancer development, without any gender bias and a protecting effect of estrodiol (E2) against the development of carcinoma. Dr.Cynthia Alexander, Former Director and Superintendent, Institute of Obstetrics and Gynaecology, Govt. Hospital for Women and Children gave a talk on the methods of assisted reproduction technology. Dr. Sameer Hassan, Scientist B, ICMR delivered a lecturer on “Biomedical informatics”. Dr. Prof. Devaraj. H, Professor and Head, Dept. of Zoology, University of Madras, discussed how stem cell therapy could be used for tissue engineering in creating nerve and muscle cells to form functional neuromuscular junctions.

Faculty members and students from different colleges participated actively in the programme. The participants expressed their gratitude for having arranged a beneficial programme of this nature and magnitude. The amount spent on this seminar was Rs.1 lakh, out of which the contribution by the Govt. of India, Department of Biotechnology was Rs.50,000. The Management and the Staff of the Dept. of Biotechnology thank the Government of India, Ministry of Science & Technology, Department of Biotechnology, for their support and sponsorship.





## Feedback on Seminar.

Dear Organiser,

I am R. Mantha. My grateful thanks to this National Seminar and the organisers and Seminars. This seminar was an eye opener in terms of Subjects and also a hope for me. My father has been diagnosed of Liver Cirrhosis [never consumed alcohol or affected of jaundice]. He is being treated by a gastroenterologist but the session by Santosh K Tiwari on Stem Cell [therapy & research] was the ray of hope. He had informed that their research has been applied on liver cirrhosis, failure etc. and patients have recovered from that therapy. ~~He~~ He has given the contact details so that I can forward the report and help my father to recover from his illness. My heartfelt thanks to the organisers, but for this seminar, I would not have got this ray of hope.

Yours thankfully  
R Mantha