



DEPARTMENT OF STUDIES AND RESEARCH IN BIOCHEMISTRY

TUMKUR UNIVERSITY, TUMKUR

&

INDIAN COUNCIL OF MEDICAL RESEARCH (ICMR)

NEW DELHI

National Conference on
MOLECULAR DIAGNOSIS
July 13th 2012

CONFERENCE REPORT

Department of Studies and Research in Biochemistry, Tumkur University in association with Indian Council of Medical Research (ICMR), New Delhi organized One day National Conference on “*Molecular Diagnosis*” on 13th July 2012 at Sir M Vishveshwarayya Hall, University College of Science, Tumkur University, Tumkur.



Inauguration of the Conference (From Left) Dr. S. Sreenivasa, Dr. M. Jayaramu, Dr. K. N. Chidambara Murthy, Shri. Eshwara and Dr. Manohar Shinde are seen.



Releasing proceedings of the Conference (From Left) Dr. S. Sreenivasa, Dr. M. Jayaramu, Dr. K. N. Chidambara Murthy, Shri. Eshwara and Dr. Manohar Shinde.

Dr. Manohar Shinde welcomed the delegates to the conference and outlined the main objectives of the conference. **Dr. S. Sreenivasa**, Deputy Registrar(Eval), Tumkur University, **Dr. M. Jayaramu**, Director, PG Studies, Tumkur University, **Dr. K. N. Chidambara Murthy**, Senior Research Scientist, Department of Complementary and Alternative medicine, HCG Oncology Hospital, P. Kalingarao Road, Bengaluru **Shri. Eshwara**, Principal, University College of Science and **Dr. Manohar Shinde**, HOD, Department of Studies & Research in Biochemistry, Tumkur Univeristy, Tumkur **Dr. S. Nagaraju**, Organizing Secretary, Department of Studies & Research in Biochemistry, Tumkur Univeristy, Tumkur inaugurated the conference and released the proceedings of the conference. Later Dr. K. N. Chidambaramurthy delivered key note address on *Molecular diagnosis: Making difference in understanding the diseases for better healthcare*.

There were five lead lectures by eminent scholars:

Dr. Chidambara Murthy, HCG Oncology Hospital, Bengaluru, delivered key note address on *Molecular diagnosis: Making difference in understanding the diseases for better healthcare* summarizing the need of molecular diagnosis in disease prevention and impact on disease treatment and healthcare system.

Dr. C. Thirunavukkarasu, Department of Biochemistry and Molecular Biology, Pondicherry University, Puducherry delivered lecture on *Hepatic stellate cell as a target for liver disease*. The role

of Hepatic stellate cells in liver fibrosis development and progression was discussed. The complex pathophysiology of the hepatic stellate cells and treatment of liver fibrosis were discussed.

Dr. K S.Girish, Department of Biochemistry, University of Mysore, Mysore delivered lecture on *Microparticles*. The talk threw light on diverse and remarkable functions of microparticles. Understanding the role of microparticles in different disease conditions and deducing new cellular pathways in therapeutic manipulations, using MPs as diagnostic markers, delivery system and finally their clinical importance patient based studies were of prime important discussion topic during the session.

Dr. B. T. Prabhakar, Department of Biotechnology, Kuvempu University, Shimoga delivered talk on *Clinical Implications of Angiogenesis Markers in Cancer*. Topic focussed on potential implications of tumor angiogenesis, tumor vascularity and prognosis. Clinical assessment of tumor progression its parameter with existing data its large prospective in validation of tumor angiogenesis were of discussion during the talk.

Dr. S. N. Pramod, Department of Biochemistry, Kuvempu University, Shimoga delivered talk on *Immunological basis for diagnosis of allergic diseases Prevention and treatment strategies*. Topic focused on allergic diagnosis its specificity, sensitivity and efficiency were of prime importance during the talk. Clinical symptoms and signs of an allergic disease and its importance during clinical diagnosis by clinicians were the topics of discussion.

Each session was followed by a lively discussion by the audience as well as senior scholars. Dr. S. Devaraja, Mr. T.G.Thippeswamy and faculties from Department of Studies & Research in Chemistry, Department of Biotechnology, Department of Environmental Science, Department of Electronics, Department of Botany, Zoology and Microbiology were presided over the function. Dr. M. Jayaramu, Director, PG Studies offered vote of thanks. At the end of the conference certificates were distributed to the participant delegates.