



भारत सरकार
विज्ञान और प्रौद्योगिकी मंत्रालय
विज्ञान और प्रौद्योगिकी विभाग
GOVERNMENT OF INDIA
Ministry of Science and Technology
Department of Science and Technology
Technology Bhavan, New Mehrauli Road
New Delhi - 110016



DNA 2013

5th International Conference

on

“EMERGING TRENDS IN APPLIED BIOLOGY, BIOMEDICINE AND BIOFORENSICS”
CONFERENCE PROGRAMME

DAY 1- 30th Nov 2013

10.15-11.30am

INAUGURATION

11.30-12.00pm

HIGH TEA & POSTER PRESENTATION

12.00-12.45pm

Success Through Employee Nurturing, Enhancing and Empowering Transformational Strategies in Times of Crisis – A Saga of Grit and Determination of APFSL in Palem Bus Disaster

Smt. Sharada Avadhanam, Director, Andhra Pradesh Forensic Science Laboratories, Hyderabad

12.45-1.30pm

Short paper presentation

- **Odontology And Its Application In Forensic Science**
Dr. Pramathesh Panchal, K H M Medical Center, Mumbai
- **Optimized Protocol for Genotyping of Exhumed Bones with 100% Success Rate**
Dr. Pankaj Shrivastava, State FSL, Sagar, Madhya Pradesh
- **Usefulness of X STR Haplotype Markers in Forensic DNA Profiling**
Toshi Jain, State FSL, Sagar, Madhya Pradesh
- **DNA Paternity Testing: An Analysis of Forensic Aspects**
Dr Archana Tripathi, FSL, Uttar Pradesh

1.30-2.30pm

LUNCH

2.30-3.15pm

DNA Collection Products: Keeping Pace with Applied Biology, Biomedicine and Bioforensics

Dr Amit Kumar, CEO & CSO, BioAxis DNA Research Centre, Hyderabad

3.15-4.00pm

Short paper presentation

- **Amplification and Sequence Analysis of TPI Gene, a Structural Gene of Operon from *Lactobacillus delbrueckii***
T Pravin Reddy, Loyola Degree and PG College, Hyderabad
- **In-silico Analysis and Homology Modeling of Antifreeze Protein Type 1, Choline Dehydrogenase and Betaine Aldehyde Dehydrogenase of an Extreme Psychrophile: *Psychromonas ingrahamii* 37**
Anushree Srivastava, Bioaxis DNA Research Centre, Lucknow
- **Efficacy of Some Natural Flavanoids against PDK-1 Kinase: An Insilico Molecular Docking and Molecular Dynamic Simulation Study**
Shalini Singh, IIT, Banaras Hindu University, Varanasi
- **Chromosomal Study in Congenital Heart Diseases in 39 Patients**
Ravi Varma, Raichur Institute of Medical Sciences, Raichur

4.00-4.15 pm	HIGH TEA AND POSTER PRESENTATION
4.15-5.15pm	Panel Discussion 1; DNA Testing Applications; Sky is The Limit Panelists: Dr G V Jagdamba (APFSL, Hyderabad), Dr Gautami (APFSL, Hyderabad), Dr Archana Tripathi (FSL, Lucknow, Uttar Pradesh), Dr Pankaj Shrivastava (State FSL, Sagar, Madhya Pradesh), Dr. Naresh (C R Rao AIMSCS)
DAY 2- 1st Dec 2013	
9.30-10.00am	Using Knowledge Base in Medicalinformatics Nilanjana Chaudhuri, C E O, Peers Symantech, Kolkata
10.00-10.45am	DNA Technology, Human Genome: Will It Change Our Life In The Future? Dr Pradeep K Srivastava, Central Drug Research Institute, Lucknow (India)
10.45-11.30am	Dr Thangraj, Scientist, CCMB, Hyderabad
11.30-12.00pm	HIGH TEA & POSTER PRESENTATION
12.00-12.45pm	Panel Discussion 2; DNA Databases and DNA Legislations; Is India Ready? Panelists: Mrs Sharada Avadhanam (APFSL) , Dr Phani Bhushan (APFSL), Dr K Thangraj (CCMB, Hyderabad), Dr Amit Kumar (BioAxis DNA Research Centre, Hyderabad), Dr Pradeep Srivasatava (CDRI, Lucknow), Dr. Naresh (C R Rao AIMSCS)
12.45-1.30pm	<u>Short paper presentation</u> <ul style="list-style-type: none"> ➤ Combining Ability and Gene Action Studies for Yield and Yield Contributing Traits in Tomato (<i>Solanum Lycopersicum L.</i>) <i>Adhi Shankar, Acharya N G Ranga Agricultural University, Hyderabad</i> ➤ Biochemical Responses of <i>Cicer arietinum</i> Seedlings to Zinc and Bioengineered Zinc Nanoparticles Stress <i>K V Pavani, Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad</i> ➤ Decolorization and Biosorption of Dyes Using <i>Aspergillus sp.</i> <i>D Sahithi, Indian Institute of Chemical Technology, Hyderabad</i> ➤ Screening of Starving Mosquitoes: Spreading Infectious Diseases from Gut Fluid <i>Amol T Tande, Tatyasaheb Kore Institute of Engineering and Technology, Kolhapur</i>
1.30-2.30pm	LUNCH
2.30-3.15pm	A Case Study: The Volvo Bus Burn in Mahboobnagar: DNA-The SOS Dr G V Jagadamba, Joint Director, Andhra Pradesh Forensic Science Laboratories, Hyderabad and Team

3.15-4.00pm

Short paper presentation

- **Lactobacillus Model Moiety- A New Era Dosage Form as Nutraceuticals and Therapeutic Mediator**
Abhinandan R Patil Tatyasaheb Kore Institute of Engineering and Technology, Kolhapur
- **Rapid Diagnostic Tests Show False Positive Leading to Dilemma in Malarial Treatment: A Case Study**
Susanta Kumar Panda, BioAxis DNA Research Centre (P) Ltd
- **Investigating the structural impact of BDNF and its mutant R125M: A Molecular Dynamic study**
Phani Kumar Y, Lavanya V S, M Naresh Babu, Allam Appa Rao
- **Anti Cancer Activity of Selected Seaweeds against HeLa, K-562 and MDA-MB Cell Lines**
Ilahi Shaik, Gayatri Vidya Parishad Degree College, Vishakhapatnam
- **Isolation and Screening of Cellulolytic Microflora from Soil Polluted with Cotton Industry Effulents**
Ravi Chandra, Jawaharlal Nehru Technical University, Hyderabad

4.00-4.15pm

Tea

4.15-4.45pm

Valedictory