



Accelerating Scientific Discovery

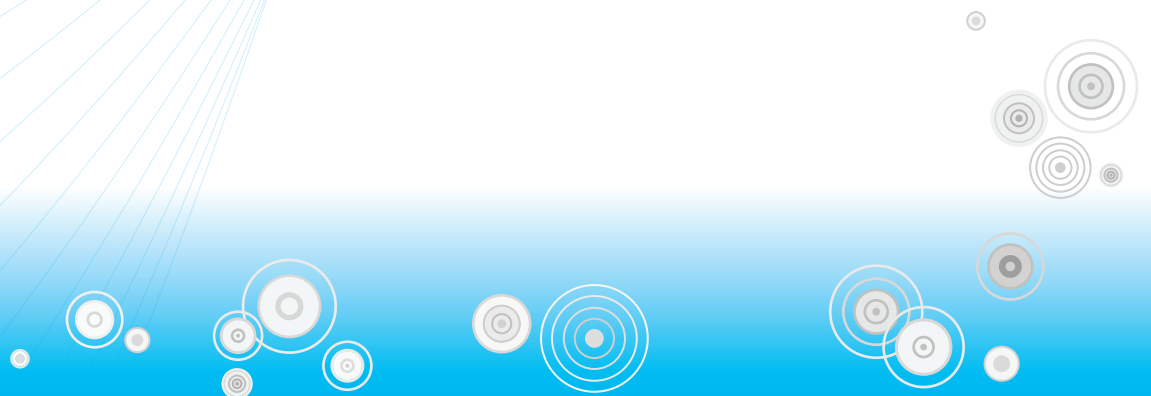
<http://www.omicsonline.org/proteomicsbioinformatics2011>

International Conference & Exhibition on

Proteomics & Bioinformatics

06-08 June 2011
HICC, Hyderabad, India

Programme



06 June 2011

9:00AM onwards

Registrations at HICC

Requirements: Receipts/

Confirmation mail

HALL 5&6

10:00AM-10:30AM

Opening Ceremony

Coffeebreak 10:30AM-10:45AM

10:45AM-1:05PM

Keynote Forum

Dr. Richard John Lipscombe

Proteomics International, Australia

Prof. P. Reddanna

University of Hyderabad, India

Dr. Peter Nilsson

KTH - Royal Institute of Technology,
Sweden

Prof. Ramesh Akkina

Colorado State University, USA

Prof. James R. Durig

University of Missouri, USA

Dr. Bhagavathla Moorthy

Baylor College of Medicine, USA

Lunch: 1:05PM-2:00PM

HALL 5&6

2:00PM-4:05PM

Track 1-1 : Plant & Animal Proteomics

Coffeebreak: 4:05PM-4:30PM

4:30PM-6:10PM

Track 1-2 : Cellular and Sub Cellular Proteomics

G.01

2:00PM-4:05PM

Track 1-3: Methods in Protein Structure Analysis

Track 1-4: Protein-Protein Interactions

Coffeebreak: 4:05PM-4:30PM

4:30PM-7:00PM

Track 2 : Human Proteome Technologies

Track 3 : Biomedical Informatics

07 June 2011

9:00AM onwards

Registrations at HICC

Requirements: Receipts/

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G.01

10:00AM-12:30PM

Track 4 : Disease Proteomics

Coffeebreak: 11:15AM-11:40AM

Lunch: 1:00PM-2:00PM

2:00PM-3:40PM

Track 5 : Exploiting Proteome Bioinformatics & Drug
Development

Track 6 : Biopharmaceuticals and Gene Therapy

Coffeebreak: 4:05PM-4:30PM

08 June 2011

9:00AM onwards

Registrations at HICC

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G.01

10:00AM-12:45PM

Track 7 : Practical Applications of Proteomics in Medicine

Track 8.3 : High-Throughput Image Analysis

Coffeebreak: 11:15AM-11:40AM

Lunch: 1:00PM-2:00PM

2:00PM-5:20PM

Track 8.1 : Environmental Toxicology and Proteomics

Track 8.2 : Modeling Biological Systems

Track 8.4 : Structural Bioinformatic Approaches

Coffeebreak: 3:15PM-3:40PM

G.02

10:00AM-12:30PM

Track 9 : Sequence Analysis & Alignment

Track 10 : Applications & Tools for Protein Structure Predictions

Lunch: 1:00PM-2:00PM

06 June 2011

9:00AM onwards

Registrations at HICC
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HALL 5&6

10:00AM-10:30AM

Honourable Guests:

Opening Ceremony
Dr. Richard John Lipscombe
Proteomics International, Australia
Prof. P. Reddanna
University of Hyderabad, India
Dr. Peter Nilsson
KTH - Royal Institute of Technology,
Sweden
Prof. Ramesh Akkina
Colorado State University, USA
Prof. James R. Durig
University of Missouri, USA
Dr. Bhagavathla Moorthy
Baylor College of Medicine, USA
Dr. Amit kumar
BioAxis DNA Research Centre Pvt Ltd,
India

Coffeebreak 10:30AM-10:45AM

HALL 5&6

Keynote Forum

10:45AM-11:05AM

Dr. Richard John Lipscombe
Proteomics International, Australia

11:05AM-11:25AM

Prof. P. Reddanna
University of Hyderabad, India

11:25AM-11:45AM

Dr. Peter Nilsson
KTH - Royal Institute of Technology, Sweden

11:45AM-12:05PM

Dr. Bhagavathla Moorthy
Baylor College of Medicine, USA

12:05PM-12:25PM

Prof. James R. Durig
University of Missouri, USA

12:25PM-12:45PM

Prof. Ramesh Akkina
Colorado State University, USA

12:45PM-1:05PM

Dr. Amit kumar
BioAxis DNA Research Centre Pvt Ltd, India

Lunch: 1:05PM-2:00PM

HALL 5&6

Track 1-1 :

Plant & Animal Proteomics

Session Introduction

2:00PM-2:25PM

Title: Dynamic proteome signatures in gametes and early embryos

Dr. Georg J. Arnold
Ludwig-Maximilians-Universitaet Muenchen,
Germany

2:25PM-2:50PM

Title: Implications of calmodulin-binding proteins in heat shock response in Sorghum

Dr. Prabhjeet Singh
Guru Nanak Dev University, India

2:50PM-3:15PM

Title: DSBN PAGE – Novel gel electro phoresis technique for isolation of protein complexes and supercomplexes

Dr. Saikat Mukherjee
University of Geneva, Switzerland

3:15PM-3:40PM

Title: Tomato cell wall proteomics

Dr. Emad H. E Konozy
Centre Inra D'Avignon, France

Coffeebreak 4:05PM-4:30PM

Track 1-2 :

Cellular and Sub Cellular Proteomics

4:30PM-4:55PM

Title: Bioinformatic approaches to study the functional evolution of organellar proteomes

Dr. Babu Guda
University of Nebraska Medical Center, USA

4:55PM-5:20PM

Title: Analyzing the proteome of brain capillary endothelial cells with blood brain barrier phenotype

Dr. Yannis Karamanos
Artois University, France

5:20PM-5:45PM

Title: Utilization of databases, softwares and World Wide Webs for the identification and characterization of proteins and their respective transcripts and genes

Dr. Vijay Barikrao Baladhya
University of Pune, India

5:45PM-6:10PM

Title: Glycoproteome dynamics in the developing cotton fiber cells

Dr. Saravanan Kumar
International Centre for Genetic Engineering and Biotechnology (ICGEB), India

G.01

Track 1-3 :

Methods in Protein Structure Analysis

Track 1-4 :

Protein-Protein Interactions

2:00PM-2:25PM

Title: Deciphering cellular proteomes by structure-based design and epitope coded SILAC/MS analysis

Dr. Christian Freund
Freie Universität Berlin, Germany

2:25PM-2:50PM

Title: Isolation and characterization of targets of calcium sensors

Prof. Anireddy S.N. Reddy
Colorado State University, USA

2:50PM-3:15PM

Title: Interactomics and transcriptomics as approaches to assign protein function: Novel clues for the human Ki-1/57 in gene expression regulation

Dr. Gustavo Costa Bressan

Federal University of Viçosa, Brazil

3:15PM-3:40PM

Title: Analysis of protein stability curves to measure stability parameters

Dr. Asimul Islam

Jamia Millia Islamia University, India

3:40PM-4:05PM

Title: In silico analysis of structural determinants of Bcl-B for its specific interactions with pro-apoptotic proteins

Dr. Dakshinamurthy Sivakumar

Sastra University, India

Coffeebreak 4:05PM-4:30PM

Track 2 :

Human Proteome Technologies

Track 3 :

Biomedical Informatics

Session Introduction

4:30PM-4:55PM

Title: Conformational and structural studies of substituted ethylamines

Prof. James R. Durig

University of Missouri, USA

4:55PM-5:20PM

Title: TriaGE driven integrative meta-analysis of regional expression dysregulation in cancers

Dr. R. Krishna Murthy Karuturi

Genome Institute of Singapore, Singapore

5:20PM-5:45PM

Title: Proteomics tools to unravel fungal pathogenesis

Dr. Sivaramaiah Nallapeta

Bruker Daltonics, India

5:45PM-6:10PM

Title: Dynamics of low molecular weight proteome and peptidome during the cotton fiber development

Dr. V Siva Reddy

International Centre for Genetic Engineering and Biotechnology-New Delhi, India

6:10PM-6:35PM

Title: Study of multifunctional nature of ox-ox in sorghum bicolor by using wet lab and in silico methods

Dr. Vijay Dangi

Maharshi Dayanand University, India

6:35PM-7:00PM

Title: Predicting gene expression from unevenness in codon usage

Dr. Siddhartha Sankar Satapathy

Tezpur University, India

HALL 5&6

Poster Session

Day 1:

Afternoon - [1:30PM-3:00PM]

Poster Nos.: 1-10

07 June 2011

9:00AM onwards

Registrations at HICC

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G.01

Track 4 :

Disease Proteomics

Session Introduction

10:00PM-10:25PM

Title: Identification and localization of nitrated cochlear proteins in Cisplatin mediated ototoxicity

Dr. Samson James Daniel

The State University of New York, USA

10:25PM-10:50PM

Title: Design new type II p38 MAP kinase leads

Dr. G. Narahari Sastry

Indian Institute of Chemical Technology, Hyderabad, India

10:50PM-11:15PM

Title: High glucose induces secretion of Cyclophilin A by monocytes

Dr. Surya Ramachandran

Rajiv Gandhi Centre for Biotechnology-Thiruvananthapuram, India

Coffeebreak 11:15AM-11:40AM

11:40PM-12:05PM

Title: Hepatitis B virus X protein impedes the DNA repair

Dr. P. Pandarinath

Andhra University, India

12:05PM-12:30PM

Title: Differentially expressed proteins and circulating DNA in plasma of Spinocerebellar ataxia (SCA 12) Patients

Dr. Rajeswari R. Moganty

All India Institute of Medical Sciences-New Delhi, India

Lunch: 1:00PM-2:00PM

Track 5 :

Exploiting Proteome Bioinformatics & Drug Development

Track 6 :

Biopharmaceuticals and Gene Therapy

Session Introduction

02:00PM-2:25PM

Title: Macrophage derived factor mediated host defense during Japanese Encephalitis

Dr. Shailendra K. Saxena

Centre for Cellular and Molecular Biology, India

2:25PM-2:50PM

Title: Detection of estrogen agonist and antagonist by using Nano-FRET technology

Dr. Eui-Jeon Woo

Korea Research Institute of Bioscience & Biotechnology, Korea

2:50PM-3:15PM **Title:** In vitro study of lens regeneration in *Rana cyanophlyctis* under the influence of vitamin A

Dr. Sumer Singh

Singhania University, India

3:15PM-3:40PM **Title:** Evolutionary epidemiology of HIV-1 subtypes in India: Identification of circulating and unique recombinant forms

Mr. Ujjwal Neogi

St. John's National Academy of Health Sciences, India

Coffeebreak: 3:40PM-4:00PM

4:00PM-4:25PM **Title:** A novel endo-1, 4 β -xylanase: protein structure analysis and molecular docking

Dr. Shrivastava S

Padmashree DR. D.Y. Patil University, India

4:25PM-4:50PM **Title:** In silico 3-dimensional structure prediction of domain in RNA dependent RNA polymerase protein of Hepatitis E virus

Dr. Bhawna Rathi

Amity University, India

HALL 5&6

Day 2: Afternoon - [1:30PM-3:00PM]

Poster Nos.: 11-20

Day 2: Afternoon - [3:45PM-4:15PM]

Poster Nos.: 21-30

08 June 2011

9:00AM onwards **Registrations at HICC**
Requirements: Receipts/
Confirmation mail

G.01

Track 7 : **Practical Applications of Proteomics in Medicine**

Track 8.3 : **High-Throughput Image Analysis**
Session Introduction

10:00AM-10:25AM **Title:** Deep proteogenomics; High throughput gene validation by multidimensional LC-MALDI MS of proteins from the fungal wheat pathogen *Stagonospora nodorum*

Dr. Richard John Lipscombe

Proteomics International, Australia

10:25AM-10:50AM **Title:** A proteome approach to endometriosis: Role of DJ-1

Dr. S Shivaji

Centre for Cellular and Molecular Biology, India

10:50AM-11:15AM **Title:** Is sperm proteomic approach helpful to delineate human infertility?

Dr. Maciej Kurpisz

Institute of Human Genetics, Poland

Coffeebreak: 11:15AM-11:40AM

11:40AM-12:05PM **Title:** Systems-level discovery of the developmental basis for disease

Dr. Soumyaroop Bhattacharya

University of Rochester, USA

12:05PM-12:30PM **Title:** Study on capability of Fourier Transform Infrared (FTIR) spectral characteristics for development of intelligent cervical precancerous diagnostic system

Dr. Nor Ashidi Mat Isa

Universiti Sains Malaysia, Malaysia

12:30PM-12:45PM **Title:** Microarray-Proteomics approaches on the identification of metabolism-related genes in germ cells

Dr. Deivendran Rengaraj

Seoul National University, Korea

Lunch: 1:00PM-2:00PM

Track 8.1 : **Environmental Toxicology and Proteomics**

Track 8.2 : **Modeling Biological Systems**

Track 8.4 : **Structural Bioinformatic Approaches**

2:00PM-2:25PM **Title:** Computational analysis of phosphoproteomics: Progresses and perspectives

Prof. Yu Xue

Huazhong University of Science and Technology, China

2:25PM-2:50PM **Title:** A radial basis function network methodology for species identification in mosquitoes

Dr. Ch. Venkateswarlu

Indian Institute of Chemical Technology-Hyderabad, India

2:50PM-3:15PM **Title:** Stochastic model of coupled cells of blood testosterone regulation

Dr. R.K. Brojen Singh

Jamia Millia Islamia University, India

3:15PM-3:40PM **Title:** A systems biology study on the effect of rapamycin treatment on human cell line

Dr. Nilanjan Guha

Agilent Technologies India Pvt. Ltd, India

Coffeebreak: 3:40PM-4:05PM

4:05PM-4:30PM **Title: Environmental toxicology from a systems biology perspective**
Ms. N. A. Mahalakshmi Srinivasan
Prashanth Projects Limited, India

4:30PM-4:55PM **Title: Proteomics and Biomarkers – A Systematic Review**
Dr. Ashish Goel
University College of Medical Sciences, India

4:55PM-5:20PM **Title: Improved association rule mining in the analysis of biological data**
Dr. Seema. S
M S Ramaiah Institute of Technology, Bangalore, India

5:20PM-5:20PM **Title: Screening of botanicals from *Chenopodium ambrosioides* for the control of *Spodoptera litura* using insilico docking studies**
Dr. K. Shobana
Bharathiar University, India

G.01

Track 9 : Sequence Analysis & Alignment

Track 10 : Applications & Tools for Protein Structure Predictions

Session Introduction

10:00AM-10:25AM **Title: Systematic antigen-array based proteomic profiling**
Dr. Peter Nilsson
KTH - Royal Institute of Technology, Sweden

10:25AM-10:50AM **Title: Prediction of 3D structure of Cathepsin protein of the mosquito *Aedes aegypti*, the vector of chikungunya**
Dr. A.G.Ingale
North Maharashtra University, India

10:50AM-11:15AM **Title: Is carbon decides the evolving proteome?**
Dr. E.Rajasekaran
Karunya University, India

Coffeebreak: 11:15AM-11:40AM

11:40AM-12:05PM **Title: Role of global regulator, Fur, in dictating *Salmonella* Pathogenicity Island – 1 (SPI1) gene expression in *Salmonella typhimurium***
Dr. Supreet Saini
Indian Institute of Technology-Gujarat, India

12:05PM-12:30PM **Title: Design and implementation of a low cost Electrooculogram amplifier**
Dr. V. Mahesh
SSN Institutions- Chennai, India

Lunch: 1:00PM-2:00PM

HALL 5&6

Poster Session

Day 3: Afternoon - [1:30PM-3:00PM]
 Poster Nos.: 31-40,61,62

Day 3: Afternoon - [3:45PM-4:15PM]
 Poster Nos.: 41-50,63,64

Bookmark your dates

OMICS Group 2nd World Congress on

Proteomics & Bioinformatics

May 14-16 2012 Las Vegas, USA