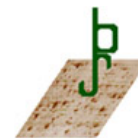




**9th Annual Meeting of Proteomics Society, India (PSI) &
International Conference on Proteomics in Health and Disease**
Institute of Life Sciences (ILS), Bhubaneswar
November 30-December 02, 2017



Scientific Program

Day 1: Thursday 30th November 2017

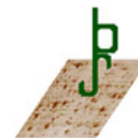
Time	Title of the Talk and Speaker Name / Details	
08.00 AM to 09.00 AM	Registration	
09.00 AM to 09.10 AM	Welcome address	
Plenary & Keynote Session 1		
	Session Chair	1. Dr. Ajay Parida, Director, ILS, Bhubaneswar 2. Dr. Utpal Tatu, President, PSI & IISc, Bangalore
09.10 AM to 09.50 AM	PL-01:	Discovery Proteomics may not translate easily to Clinical Proteomics <i>Dr. M. Radhakrishna Pillai, RGCB, Thiruvananthapuram</i>
09.50 AM to 10.30 AM	PL-02:	Molecular Analysis of Glioblastoma : The Continuing Tale <i>Dr. Ravi Sirdeshmukh, IOB, Bangalore</i>
10.30 AM to 10.50 AM	KN-01:	Proteomic profiling of plasma membrane in chickpea reveals a novel negative regulator of dehydration tolerance <i>Dr. Niranjana Chakraborty, NIPGR, New Delhi</i>
10.50 AM to 11.10 AM	KN-02:	Addressing vitamin B12 deficiency- Need of the hour <i>Dr. Shantanu Sengupta, CSIR-IGIB, New Delhi</i>
11.10 AM to 11.30 AM	Break	Group Photo Exhibition & High Tea
11.30 AM to 12.30 PM	Inauguration	

Session 1: Global and Targeted proteomics

	Session Chair	1. Dr. Shantanu Sengupta, CSIR-IGIB, New Delhi 2. Dr. Niranjana Chakraborty, NIPGR, New Delhi
12.30 PM to 12.50 PM	KN-03:	Endometrial Secretome and Its Modulation: From “Function” to “Dysfunction” <i>Dr. Gitanjali Sachdeva, ICMR-NIRRH, Mumbai</i>
12.50 PM to 01.10 PM	KN-04:	Proteome-wide effect of silencing of Milk Fat Globule Membrane Epithelial Growth Factor 8 (MFGE8) on lactocytes <i>Dr. Ashok K. Mohanty, ICAR-NDRI, Karnal</i>
01.10 PM to 03.00 PM	Break	Lunch and Poster session I



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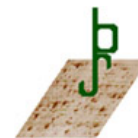
03.00 PM to 03.15 PM	IL-01:	Applications of proteomics in plant biology: with special reference to abiotic stress <i>Dr. Giridara-Kumar Surabhi, RPRC, Bhubaneswar</i>
03.15 PM to 03.30 PM	IL-02:	Proteomics in vaccine development against parasitic infections <i>Dr. Jyotirmaya Mohanty, ICAR-CIFA, Bhubaneswar</i>
03.30 PM to 03.45 PM	IL-03:	Defect in translation initiation fidelity alters differential protein expression pattern and cellular physiology in <i>Saccharomyces cerevisiae</i> <i>Dr. Pankaj Alone, NISER, Bhubaneswar</i>
03.45 PM to 03.55 PM	O-01:	Development of a LC-MS based method for typing of A1/A2 milk and their comparative proteome analysis using TMT based quantitation approach <i>Mr. Shivam Kumar Dubey, ICAR-NDRI, Karnal</i>
03.55 PM to 04.05 PM	O-02:	Differentially expressed proteins in hepatopancreas of freshwater prawn, <i>Macrobrachium rosenbergii</i> After <i>Vibrio harveyi</i> challenge <i>Mr. Mohan R. Badhe, ICAR-CIFA, Bhubaneswar</i>
04.05 PM to 04.20 PM	Break	Exhibition & High Tea

Session 2: Disease proteomics & Biomarker Discovery

	Session Chair	1. Dr. Surekha Zingde, Ex-President, PSI 2. Dr. Sanghamitra Pati, RMRC, Bhubaneswar
04.20 PM to 04.40 PM	KN-05:	Heat shock protein 40 as a knob chaperone in Plasmodium falciparum infected human erythrocytes <i>Dr. Utpal Tatu, IISc, Bangalore</i>
04.40 PM to 05.00 PM	KN-06:	Plasma proteomics in Coronary Artery Disease <i>Dr. Arun Bandyopadhyay, CSIR-IICB, Kolkata</i>
05.00 PM to 05.15 PM	IL-04:	Proteomics and functional analysis of outer membrane vesicles of bacteria <i>Dr. M V Jagannadham, CSIR-CCMB, Hyderabad</i>
05.15 PM to 05.30 PM	IL-05:	Saliva as a diagnostic fluid: Are we there yet? <i>Dr. Kiran S. Ambatipudi, IIT, Rurkee</i>
05.30 PM to 05.45 PM	IL-06:	Application of Quantitative high throughput Proteomics in health and disease <i>Dr. Suman S. Thakur, CSIR-CCMB, Hyderabad</i>



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05.45 PM to 05.55 PM	O-03:	Multipronged proteomic analysis of multiple myeloma towards new targets and biomarkers <i>Mr. Chanukuppa Venkatesh, NCCS, Pune</i>
05.55 PM to 06.05 PM	O-04:	Identification of estrus associated proteins in saliva of water buffalo (<i>Bubalus bubalis</i>) using high throughput Mass Spectrometry <i>Ms. Rubina Kumari Baithalu, ICAR-NDRI, Karnal</i>

Plenary Session 2

Session Chair 1. Dr. Abhijit Chakrabarti, SINP, Kolkata

06.05 PM to 06.45 PM	PL-03:	Novel insight to the causal link between insulin signaling deregulation and its potential etiology of aggressive prostate cancer: Implications to the development of novel biomarkers and treatment targets <i>Dr. Spiros D. Garbis, University of Southampton, UK</i>
06.45 PM to 07.45 PM		PSI GB meeting at ILS Auditorium
07.45 PM to 10.00 PM		Banquet Dinner at Bhubaneswar Golf Club, Infocity, Bhubaneswar

Day 2: Friday 1st December 2017

Time		Title of the Talk and Speaker Name
Plenary Session 3	Session Chair	Dr. M. A. Vijayalakshmi, VIT, Vellore
09.00 AM to 09.40 AM	PL-04:	Proteogenomic Analysis of Breast Cancer <i>Dr. D. R. Mani, Broad Institute, USA</i>

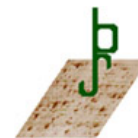
Session 3: Proteogenomics and Big Data Analysis

Session Chair 1. Dr. Ravi Sirdeshmukh, IOB, Bangalore
2. Dr. Sanjeeva Srivastava, IIT, Mumbai

09.40 AM to 10.00 AM	KN-07:	An integrative proteogenomics approach to unravel human proteoforms <i>Dr. Debasis Dash, CSIR-IGIB, New Delhi</i>
10.00 AM to 10.20 AM	IL-07:	Reverse Phase Protein Array (RPPA) for integrating cancer genomics and proteomics data to unwire lung cancer relevant signaling and drug resistance mechanisms <i>Dr. Ramesh Ummanni, CSIR-IICT, Hyderabad</i>
10.20 AM to 10.30 AM	O-05:	A comprehensive proteome map of Pashmina fibre by combining multiple protein extraction methods and



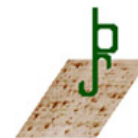
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		proteogenomics approach <i>Ms. Sakshi Kaith, ICAR-NDRI, Karnal</i>
10.30 AM to 10.40 AM	O-06:	Data exploration and in-silico analysis of human proteome for development of web-based targeted proteomics framework <i>Ms. Manika Singh, Institute of bioinformatics, Bangalore</i>
10.40 AM to 11.00 AM	Break	Exhibition & High Tea
Session 4: <u>Metabolomics and Integration of omics</u>		
	Session Chair	1. Dr. Subhra Chakraborty, NIPGR, New Delhi 2. Dr. Akhilesh Pandey, Johns Hopkins University, USA
11.00 AM to 11.20 AM	KN-08:	Integrative multiomics analysis of vivax malaria <i>Dr. Sanjeeva Srivastava, IIT, Mumbai</i>
11.20 AM to 11.40 AM	KN-09:	Integrated omics implied the endogenous protease inhibitors influence protease gene expression in <i>Helicoverpa armigera</i> <i>Dr. Ashok Giri, CSIR-NCL, Pune</i>
11.40 AM to 12.00 PM	KN-10:	Proteomic and metabolomic profiling towards candidate markers for Breast cancer <i>Dr. Srikanth Rapole, NCCS, Pune</i>
12.00 PM to 12.15 PM	IL-08:	Asthma-COPD overlap syndrome (ACOS) - a new disease or a variant of asthma or COPD? A (1H)-NMR based metabolomics study <i>Dr. Koel Chaudhary, IITK, Kharagpur</i>
12.15 PM to 12.30 PM	CL-01:	Integrated Biology Approach for comprehensive understanding of Biological systems: Tools and challenges <i>Dr. Saurabh Nagpal, Agilent Technologies, Manesar</i>
12.30 PM to 12.45 PM	CL-02:	SWATH acquisition: A robust methodology to address various biological questions <i>Dr. Dipankar Malakar, Sciex, Gurgaon</i>
12.45 PM to 12.55 PM	O-07:	Integrated proteomic and miRNA profiling analyses in oral keratinocytes in response to cigarette smoke <i>Mr. Mohd Younis Bhat, Institute of bioinformatics, Bangalore</i>
12.55 PM to 01.05 PM	O-08:	Plant responses and global significance: Elevated CO ₂ and temperature effects on <i>Picrorhiza kurroa</i> <i>Dr. Rajiv Kumar, CSIR-IHBT, Palampur</i>
01.05 PM to 03.00 PM	Break	Lunch and Poster session II



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Session 5: Post-translational modifications (PTMs)

	Session Chair	1. Dr. Stephan Pennington, UCD Conway Institute, Ireland 2. Dr. Srikanth Rapole, NCCS, Pune
03.00 PM to 03.20 PM	KN-12:	Abundance and glycation status of albumin determines hemoglobin glycation <i>Dr. Mahesh Kulkarni, CSIR-NCL, Pune</i>
03.20 PM to 03.40 PM	CL-03:	The timsTOF Pro with PASEF: Digging deeper into the proteome with record-breaking speed, sensitivity and robustness. <i>Dr. Lucy Ann Woods, Bruker Daltonik GmbH, Germany</i>
03.40 PM to 03.50 PM	O-09:	Complexity and diversity of mucin-type O-glycosylation of CD43 revealed by electron transfer dissociation mass spectrometry <i>Ms. Vandita Dwivedi, NII, New Delhi</i>
03.50 PM to 04.00 PM	O-10:	Phospho T693 EGFR: a prognostic marker of recurrent non-functioning pituitary adenoma <i>Mr. Ashutosh Rai, PGIMER, Chandigarh</i>
04.00 PM to 04.15 PM	Break	Exhibition & High Tea

Session 5: Human Proteome Project-CHPP/B-DHPP

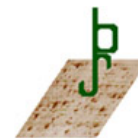
	Co-ordinator:	1. Dr. Ravi Sirdeshmukh, IOB, Bangalore
04.15 PM to 06.00 PM	PD-1:	Panel Discussion: HPP: Missing proteins and beyond Panellist: Dr. Ravi Sirdeshmukh, IOB, Bangalore Dr. Gil Omenn, University of Michigan, USA Dr. Sanjeeva Srivastava, IIT, Mumbai Dr. Sanjeev Shukla, IISER, Bhopal Dr. Srikanth Rapole, NCCS, Pune Dr. Mahesh Kulkarni, CSIR-NCL, Pune Dr. Debasis Dash, CSIR-IGIB, New Delhi

Plenary Session 4

	Session Chair	Dr. D. R. Mani, Broad Institute, USA
06.00 PM to 06.40 PM	PL-5:	Proteomics for Patients 'From protein biomarker discovery to the development of diagnostic tests' <i>Dr. Stephan Pennington, UCD Conway Institute, Ireland</i>
07.30 PM to 08.30 PM		Cultural Program
08.30 PM to 10.00 PM		Dinner



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Day 3: Saturday 2nd December 2017

Time		Title of the Talk and Speaker Name
Plenary Session 5	Session Chair	Dr. Utpal Tatu, President, PSI & IISc, Bengaluru
09.00 AM to 09.40 AM	PL-6:	Dissecting interactomes using proximity-dependent biotinylation <i>Dr. Akhilesh Pandey, Johns Hopkins University, USA</i>
Session 7: <u>Interaction proteomics & protein networks</u>		
	Session Chair	1. Dr. Palok Aich, NISER, Bhubaneswar 2. Dr. D. V. Singh, ILS, Bhubaneswar
09.40 AM to 10.00 AM	KN-13:	Structural Investigation of Plant Seed Proteome <i>Dr. Dinakar M. Salunke, ICGEB, New Delhi</i>
10.00 AM to 10.20 AM	KN-14:	Integrative Omics and Biomolecular Network Analysis Dissect Host-Specific Immune Dynamics in Fusarium disease <i>Dr. Subhra Chakraborty, NIPGR, New Delhi</i>
10.20 AM to 10.40 AM	KN-15:	Identifying Protein Networks to evade High Altitude Illnesses: A Proteomics Approach <i>Dr. Kalpana Bhargava, DIPAS, Delhi</i>
10.40 AM to 11.00 AM	Break	Exhibition & High Tea
11.00 AM to 11.15 AM	IL-09:	To understand the role of Mycobacteria glyconetwork in tuberculosis <i>Dr. Avinash Sonawane, KIIT, Bhubaneswar</i>
11.15 AM to 11.30 AM	IL-10:	Suppression of apoA1 2b in arsenic exposed carp <i>Labeo rohita</i> indicates efficacy of curcumin against arsenicosis <i>Dr. Bimal P. Mohanty, ICAR-CIFRI, Kolkata</i>
11.30 AM to 11.45 AM	IL-11:	Oncogenic splicing switch and glucose metabolism in breast cancer <i>Dr. Sanjeev Shukla, IISER, Bhopal</i>
11.45 AM to 11.55 AM	O-11:	Dehydration induced mitochondrial defence response by catabolism of reactive oxygen species in rice <i>Dr. Dipak Gayen, NIPGR, New Delhi</i>
12.00 PM to 01.00 PM		Valedictory function
01.00 PM to 02.30 PM	Break	Lunch