


OTHER ACTIVITIES-i: IPLS CONFERENCE 2015

Venue: Calcutta University Rowing Club, 31st January 2015

IPLS CONFERENCE 2015

INTERDISCIPLINARY PROGRAMME IN LIFE SCIENCES (DBT-CU-IPLS)



Organising Committee

President
Prof. Dhruvajyoti Chattopadhyay

Vice President
Prof. Maitrayee Dasgupta & Prof. Maitree Bhattacharyya

Convener
Dr. Alok Kr. Sil, Dr. Gopal Chakrabarti & Dr. Sanjay Ghosh

Event Organizer
Dr. Koustubh Panda & Dr. Anirban Siddhanta

Academic
Dr. Soumalee Basu, Dr. Geetanjali Sundaram & Dr. Ishani Deb

Advisory Committee
Prof. Indu Bhusan Chatterjee, Prof. Anjan Kumar Dasgupta,
Prof. Mrinal Kanti Poddar, Prof. Krishanu Chakroborty,
Prof. Santasree Mazumder, Prof. Prashanta Kumar Bag,
Dr. Sangamitra Sengupta, Dr. Sagarmoy Ghosh,
Dr. Anindita Ukil, Dr. Anindita Seal,
Dr. Sukhendu Mandal

Organising Support

Finance: Boni Halder
Academic: Souvik Roy & Pratip Saha
Management: Amaresh Panigrahy & Sourav Chakroborty
Food: Arijit Pal

DATE: 31st JANUARY, 2015

VENUE: CALCUTTA UNIVERSITY ROWING CLUB

PARTICIPATING DEPARTMENTS:

DEPARTMENT OF BIOCHEMISTRY
DEPARTMENT OF BIOTECHNOLOGY &
DEPARTMENT OF MICROBIOLOGY

Conference Schedule

Session 1
Chair Person: Dr. Sanjay Ghosh & Dr. Sagarmoy Ghosh

Session 2
Chairperson: Dr. Anirban Siddhanta & Dr. Koustubh Panda

Session 3
Chairperson: Prof. Maitree Bhattacharyya & Dr. Rajat Banerjee

<http://www.caluniv.ac.in/dbt-ipls>



Prof. Maitrayee Dasgupta during her interactive session with the participants



Prof. Dj Chattopadhyay distributing certificates to the participants

PARTICIPATING SCHOLARS IN IPLS CONFERENCE 2015

SL. NO	Name of Scholar	Name of PI	Title of Talk
1	Prodipta Sarkar	Prof. Prasanta Kumar Bag	Intracellular and membrane damaging activities of methyl gallate isolated from <i>Terminalia chebula</i> against multi-drug resistant <i>Shigella</i> species
2	Sohini Guha	Prof. Maitrayee Dasgupta	Endosymbiotic and endophytic Bradyrhizobia segregate into nod dependent heterotrophs and nod divergent autotrophs
3	Purnima Gupta	Dr. Anindita Ukil	<i>Leishmania donovani</i> targets AKT/ β -catenin/FOXO-1 pathway to inhibit pro-inflammatory responses and host cell apoptosis
4	Anirban Dasgupta	Dr. Alok Kumar Sil	Role of Nitrogen Dynamics during wastewater purification in a single pond system at East Kolkata Wetland
5	Anmol Banerjee	Prof. Santasree Mazumder	Efficacy and safety profile Garcinia cambogia (Vrikshamala) on hyperlipidemic rats
6	Priyanka Biswas	Dr. Rajat Banerjee	Fluorimetric Studies on Asparaginyl-tRNA synthetase from the eukaryotic pathogen <i>Entamoeba histolytica</i>
7	Madhurima Paul	Dr. Geetanjali Sundaram	Novel role of the MAPK Spc1 in regulating CDK activity and mitotic entry in fission yeast <i>Schizosaccharomyces pombe</i>
8	Amit Ghosh	Dr. Anirban Siddhanta	Subcellular localization of interacting proteins in the symbiotic nodule of <i>Lotus japonicus</i>
9	Kakali Ghoshal	Prof. Maitree Bhattacharyya	Diabetes, dyslipidemia and cardiovascular disorders: A multidimensional reward for changing lifestyle
10	Sucharita Das	Dr. Soumalee Basu	Generation of novel leads against BACE1 using Fragment-based designing
11	Latika Nagpal	Dr. Koustubh Panda	A Novel <i>in-vivo</i> Probe for Longitudinal Monitoring of Inducible Nitric-Oxide Synthase Expression

12	Shinjini Ganguly	Prof. I. B. Chatterjee	Initiation and prevention of cigarette smoke-induced urothelial dysplasia
13	Sanmitra Basu	Dr. Sanghamitra Sengupta	Role of epigenetic dysregulation of mismatch repair genes in prostate carcinogenesis
14	Surela Bhattacharya	Dr. Gopal Chakraborti	Nmk-Td-100, A Microtubule Modulating Agent Induces Ros And Nitric Oxide Dependent Prosurvival Autophagy In A549 Cells
15	Dibyajnan Chakraborty	Dr. Sagarmoy Ghosh	G- quadruplex modulates a nucleolytic ribozyme in epsilon motif of Hepatitis B Virus RNA.
16	Sufi.O.Raja	Prof. Anjan Dasgupta	Diamagnetic Memory for Weak Fields in Cellular and Sub-cellular Systems-a New Paradigm in Quantum Biology
17	Pranjal Biswas	Dr. Sanjay Ghosh	Nitrosative stress induces a novel intra S checkpoint pathway in fission yeast (<i>Schizosaccharomyces pombe</i>) involving phosphorylation of Cdc2 by Wee1 which is independent of Cdc25
18	Dipanjan Ghosh	Prof. Dhruvajyoti Chattopadhyay	Targeted genome editing by CRISPR Cas



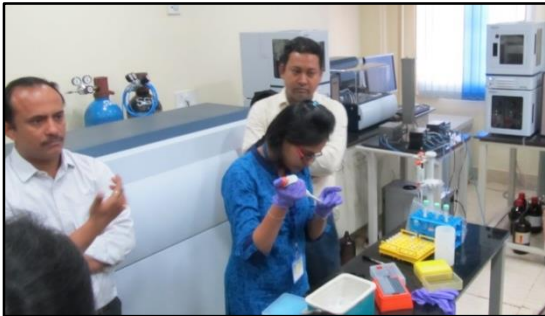
**OTHERS ACTIVITIES-ii: NATIONAL WORKSHOP ON PROTEOMICS
(ITC and MASS SPECTROMETRY)**

Venue: Calcutta University 23rd – 27th February, 2015

NWP-IPLS 2015		
INTERDISCIPLINARY PROGRAM IN LIFE SCIENCE (DBT-CU-IPLS)		
 Department of Biochemistry Department of Biotechnology Department of Microbiology Organizes	National Workshop on Proteomics 23rd-27th February 2015	
Mass Spectrometry (23rd-27th February, 2015), Isothermal Titration Calorimetry (23rd-25th February, 2015)		
Organizing Committee Chief Patron & Advisor Prof. Dhrubajyoti Chattopadhyay Director, Centre for Modern Biology University of Calcutta President Prof. Maityee Dasgupta Co-ordinator, (DBT-CU-IPLS) Mass Spectrometry Committee Dr. Gopal Chakrabarti Prof. Maityee Dasgupta Dr. Alok Kr. Sii Dr. Sanjay Ghosh Dr. Koustubh Panda Dr. Anirban Siddhanta Dr. Geetanjali Sundaram Dr. Ishani Deb Organising Support Boni Halder (IPLS) Sourav Chakraborty (IPLS) Jaydeep Das (IPLS)	Module1 Mass Spectrometry Course-Coordinator Dr. Gopal Chakrabarti Experts Prof. Amit Kumar Mandal, St John's Research Institute, Bangalore Dr. Shantanu Sengupta, CSIR-IGIB, Delhi Dr. Koustubh Panda, Calcutta University Dr. Sanjay Ghosh, Calcutta University Company Representative (Bruker Daltonics) Dr. Sivaramaiah Nallapeta Rajesh Vashisth Sudhindra Nath Roy (GE Healthcare, Life Science) Dr. Sallish Bajpai Dr. Sougata Sinha Ray Technical support Arijit Pal (IPLS) Amaresh Panigrahy & Pratip Saha (Bruker Representative)	Module2 Isothermal Titration Calorimetry Course-Coordinator Prof. Maitree Bhattacharyya Experts Prof. Bhabatarak Bhattacharyya, Bose Institute, Kolkata Prof. Raghavan Varadarajan, IISC, Bangalore Prof. Siddhartha Roy, Bose Institute, Kolkata Prof. Nikhil Guchhait, Calcutta University Technical Support Souvik Roy (IPLS)



Hands on Training & demonstration in workshop



OTHERS ACTIVITIES-iii: Initiation of scholars Journal club 2015

Serial No.	Month	Name of scholar	Name of PI concerned	Department
1	February	Gairik Mukherjee	Dr. Anindita Seal	Biotechnology
2	March	Puranjoy Kar	Dr. Sanjay Ghosh	Biochemistry
3	April	Abhishek Bhattacharya	Dr. Anjan Kumar Dasguta	Biochemistry
4	May	Latika Nagpal	Dr. Koustubh Panda	Biotechnology
5	June	Anirban Dasgupta	Dr. Alok Sil	Microbiology

OTHERS ACTIVITIES-iv: Introducing MS as practical course 2015

- (i) Department of Biochemistry : Determination of a protease accessible site by Mass spectrometry
- (ii) Department of Biotechnology : Identification of unknown protein through 2D gel electrophoresis based differential analysis

OTHERS ACTIVITIES-v: Faculty Seminar Series 2014-15**(From 10/12/2014 to 12/8/2015)**

<i>24th Seminar Series</i>	<i>10.12.14</i>	<i>Dr. Gopal Chakraborti</i>
<i>25th Seminar Series</i>	<i>07.01.15</i>	<i>Dr. Geetanjali Sundaram</i>
<i>26th Seminar Series</i>	<i>13.03.15</i>	<i>Dr. Koustubh Panda</i>
<i>27th Seminar Series</i>	<i>08.04.15</i>	<i>Dr. Alok Kr. Sil</i>
<i>28th Seminar Series</i>	<i>06.05.15</i>	<i>Dr. Soumalee Basu</i>
<i>29th Seminar Series</i>	<i>10.06.15</i>	<i>Dr. Rajat banerjee</i>
<i>30th Seminar Series</i>	<i>08.07.15</i>	<i>Dr. Anindita Ukil</i>
<i>31st Seminar Series</i>	<i>12.08.15</i>	<i>Dr. Anindita Seal</i>

