

TPWIS - 2018

REFLECTIONS

24th to 28th February 2018

V.M.C.C IIT Bombay



PROTEOMICS BOOT CAMP

GIAN

(24th to 28th February 2018)

MS WORKSHOP

(24th to 28th February 2018)

TARGETED PROTEOMICS

(24th to 27th February 2018)



INTERNATIONAL SYMPOSIUM

(24th to 28th February 2018)



TPWIS-2018

Targeted Proteomics Workshop & International Symposium

February 24th to 28th, 2018

Venue : VMCC, IIT Bombay

Only Rs. 500/- per Participant
for Group Registration

TARGETED PROTEOMICS INTERNATIONAL SYMPOSIUM

February 25th, 2018



INTERACTOMICS COURSE

February 24th to 28th, 2018



gīan

INSTRUCTORS

Dr. Joshua LaBaer
Arizona State University, USA

Dr. Sanjeeva Srivastava
Indian Institute of Technology Bombay, India

TARGETED PROTEOMICS WORKSHOP

February 24th to 27th, 2018

INSTRUCTORS

Mr. Brendan MacLean
University of Washington, USA

Dr. Cristina Chiva
CRG/UPF Proteomics Unit, Barcelona

Dr. Eva Borrás
CRG/UPF Proteomics Unit, Barcelona

Dr. Nathalie Selevsek
ETH Zurich, Switzerland

MS WORKSHOP

February 24th to 27th, 2018



PROTEOMICS BOOT CAMP

..... & many more speakers...

REGISTRATION LINK : <http://www.bio.iitb.ac.in/~sanjeeva/massfiitb/index.php/registration/>

CONTACT : - PROF. SANJEEVA SRIVASTAVA, LAB 304, DEPARTMENT OF BIOSCIENCES AND BIOENGINEERING,
TELEPHONE: +91 22 2576 7779, EMAIL: sanjeeva@iitb.ac.in

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PARTNERS



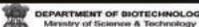
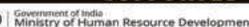
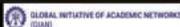
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CONVENER MESSAGE

Dear All,



It is a great pleasure to announce that the Targeted Proteomics Workshop and International Symposium (TPWIS) – 2018 has ended on a high note. A series of parallel workshops were conducted from 24th to 28th February 2018, at IIT Bombay where eminent scientists and researchers from India and abroad shared their knowledge and expertise to train the participants and familiarize them to the vast applications of proteomics. This ambitious effort of organizing a dedicated 4-day workshop on Targeted Proteomics culminated with participants in large numbers, who were greatly benefited from these emerging avenues. In addition to this, a 5-day mass spectrometry workshop and a 5 day GIAN initiative from MHRD on interactomics were also among the main highlights of the event. A one-day international symposium was also a part of the whole event wherein various researchers and scientists came forward together and educated the young audience with several approaches and applications of proteomics.

As a part of symposium section, on 25th of Feb, a cultural evening program was conducted which included a stimulating lecture followed by a few mind blowing performances by various eminent artists. These efforts could not have yielded in the valuable outputs and appreciation received from the participants without your active involvement in this endeavour. We therefore take this opportunity to thank all the speakers and invited guests for taking time off their busy schedule and providing their valuable perspectives to the participants. Their involvement has provided the global outreach that we intended to achieve, be it the Indian or the International proteomics community. We wish to extend our appreciation to all delegates for their active participation in this multi-faceted event. We also wish to thank the sponsors for being so forthcoming in terms of not only financial support but also bringing the instruments on-site along with application scientists, which have been instrumental in taking care of the logistics involved in this event and making it a grand success.

Holistically, the workshop, symposium and its allied activities, with all certainty, have had a resonating effect on the Proteomics community. The success of this event is majorly attributed to all the distinguished speakers, delegates and participants. We hope that this event has been as memorable to you, as it has been for us. We sincerely thank you for your full support in this endeavour. We hope to continue our association in future within this global proteomics family. The “Reflections” booklet is a memoir of the TPWIS-2018 and we wish that these remembrances and experiences would last you a lifetime.

Best regards,
Dr. Sanjeeva Srivastava
Convener, TPWIS-2018, IIT Bombay, Mumbai

WORKSHOP:1

TARGETED PROTEOMICS

TARGETED PROTEOMICS

Department of Biosciences & Bioengineering
Indian Institute of Technology Bombay, Mumbai, India
February 24th to 27th, 2018



INSTRUCTORS



Mr. Brendan MacLean
University of Washington,
USA



Dr. Eva Borrás
CRG/UPF Proteomics Unit,
Barcelona

**4-Days intense
hands-on Workshop**

*** Targeted
Proteomics**

*** Skyline**

*** Move from
Discovery to
Validation**



Dr. Cristina
CRG/UPF Proteomics Unit,
Barcelona



Dr. Nathalie Selevsek
ETH Zurich,
Switzerland

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TARGETED PROTEOMICS WORKSHOP

The TPWIS 2018 workshop on targeted proteomics was a four-day event comprising of enthusiasts from varied backgrounds- academia and industry alike, coming from different parts of the country. The course was conducted by four instructors - Mr. Brendan MacLean, Dr. Cristina Chiva, Dr. Eva Borrás and Dr. Nathalie Selevsek and included a series of lectures, hands-on sessions and tutorials.

Day 1 started with Mr. MacLean introducing the participants to his creation- Skyline. The presentation focussed on the growth of the skyline community and how it continues to grow stronger every year. Dr. Borrás then presented a lecture on 'Introduction to SRM and PRM' providing a clear base for the sessions to follow. This was followed by the first hands-on session on Skyline by Mr. MacLean where the participants were made to explore the different tabs and features required to set up a skyline document. The post lunch session started with a brief introduction on the tutorial by Dr. Chiva. The first tutorial on 'Setting up SRM and PRM methods' provided the participants a first-hand experience on creating a method all by themselves for use in research.

Day 2 started with a lecture on Quantitative targeted proteomics by Dr. Chiva. Next to follow was an intense hands-on session covering the topics 'Effective data analysis on skyline' and 'Statistical Peak picking model' by Mr. MacLean. The next tutorial jointly conducted by Dr. Chiva and Dr. Borrás covered the topic 'Parallel Reaction Monitoring and data analysis'. Considering the importance of the topic and the hectic schedule ahead for the instructors, the session continued post lunch and ran till the end of the day. Following a busy schedule, the participants and instructors witnessed an enthralling cultural evening with performances by flute artist Suleiman and dance performances by Talele sisters and Nrityanjali group.

Day 3 started with lectures from Dr. Selevsek and Dr. Chiva on 'Analysing post-translational modifications with PRM' and 'Advanced PRM methods', respectively introducing the participants to the wide applications and dynamic nature of the PRM technique. To follow were back to back hands-on sessions by Mr. MacLean on 'Retention time prediction using iRT in Skyline', 'External calibration curves' and 'Small molecule analysis with Skyline' keeping the participants busy throughout the day.

The final day began with the lecture on 'Introduction to data independent acquisition' by Dr. Selevsek followed by a complex and involving tutorial on 'DIA data analysis in Skyline' by Dr. Selevsek and Dr. Borrás till the lunch break. Post lunch, interested participants were given an opportunity to present slides on their work for inputs from the instructors. This was a very interactive and useful session as the presenters received key inputs from the instructors and fellow participants alike. The last activity by the group involved an exciting and challenging quiz session with the top three performers getting a chance to attend a one-day MS workshop at the MASSFIITB facility free of cost!

Thus, the four-day workshop culminated with each participant and instructor walking back with a heavy heart yet satisfying learning experience filled with unforgettable memories. The organising team TPWIS-2018 thanks all the participants and instructors for making this event a grand success!

TPW PHOTO GALLERY

Dr. Sanjeeva Srivastava felicitating Mr. Brendan MacLean



Participants paying attention to Dr. Eva Borrás Lecture



Participants following the instructions being provided by the instructors



Mr. Brendan MacLean and Dr. Sanjeeva Srivastava initiating the TPW session on the first day



Dr. Sanjeeva Srivastava felicitating Dr. Cristina Chiva



Dr. Sanjeeva Srivastava felicitating Dr. Eva Borrás



Dr. Sanjeeva Srivastava felicitating Dr. Nathalie Selevsek



The instructors of the Targeted Proteomics Workshop with the TAs from IIT Bombay

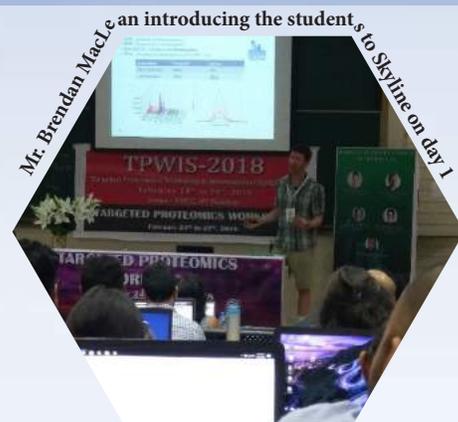


TAs for the course helping resolve minor issues during the hand-on session on day 1

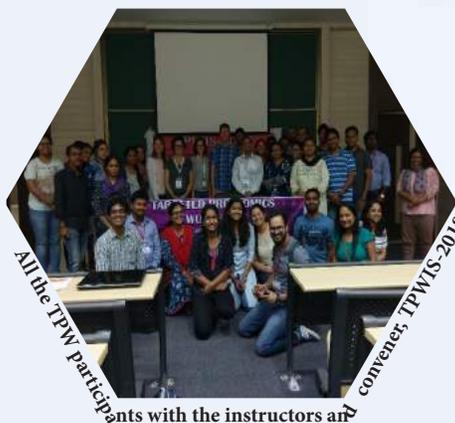




Dr. Cristina Chiva addressing the participants on day 1



Mr. Brendan MacLe an introducing the students to Skyline on day 1



All the TPW participants with the instructors and conveners, TPWIS-2018



Dr. Nathalie Selesek interacting with the participants on day 4

TPW Quiz Winners



Mr. Deeptarup Biswas
1st Prize winner
TPW quiz



Ms. Sandhini Saha
2nd Prize winner
TPW quiz



Mr. Gagandeep Jhingan
3rd Prize winner
TPW quiz

WORKSHOP:2 ***MS WORKSHOP***

MS WORKSHOP

The MS-Workshop at the TPWIS-2018 was scheduled from 24th – 28th Feb, 2018. The course was structured to accommodate only 6 participants each day, to give them more personalized training right inside the newly established mass spectrometry facility at IIT Bombay (MASSFIITB). The participants were acquainted with the basics of mass spectrometry, sample run and analysis. LC-MS based technologies has created waves in the field of clinical and application based proteomics and the workshop was aimed to acquaint them with the latest aspects and use of LC-MS. The participants were trained to inject samples in the instrument, they were also taught about the quantitative technique namely the TMT and iTRAQ-based LC-MS approach which has helped in understanding the roles of different proteins in various diseases and addressing biological questions.

The workshop also equipped the participants with the basic workflow and know-how of the Proteome Discoverer® the software that aids in the analysis of the identified proteins. The live sessions were conducted by Sandip Kumar Patel who is a Senior PhD Student at the Proteomics Lab, IIT Bombay, data analysis sessions were handled by Sandip and Dr. Akshay Bhat (Post Doc. Fellow). Mr. Pratip Saha from ThermoFischer Scientific was also present to give the students hands on training in the facility. Overall the participants received an up-close and personal exposure to the MS facility which they can later incorporate in their own research.

DAY-1, 23rd Feb. 2018- MS workshop



Day-1 participants with Prof. Srivastava



Quiz winner of Day-1, Ms. Saheli Saha with Prof. Srivastava

DAY-2, 24th Feb. 2018- MS workshop



Day-2 participants



Quiz winner of Day-2, Nishad S with Prof. Srivastava

DAY-3, 26thFeb. 2018- MS workshop



Day-3 participants



Live demo : A participant with LC-MS



Quiz winner of Day-3, Ms. Mitali Ghose with Mr. Pratip Saha

DAY-4, 27thFeb. 2018- MS workshop



Day-4 participants



Quiz winner of Day-4, Ms. Sayli Rasal with Mr. Pratip Saha

DAY-5, 28thFeb. 2018- MS workshop

Quiz Winners With Prof. Sanjeeva Srivastava



Day-5 participants



Ms. Pratiksha Dani



Mr. Chandrajeet Singh



Dr. Yogendra Singh

WORKSHOP:3 ***INTERACTOMICS***



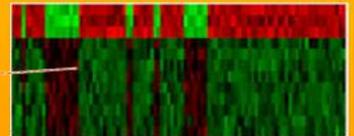
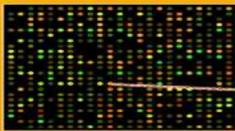
INTERACTOMICS

February 24th - 28th, 2018

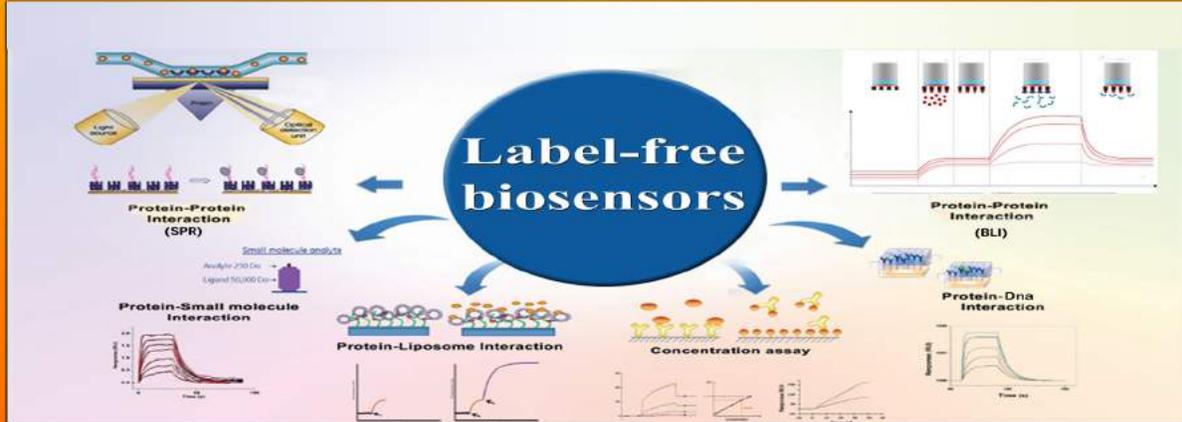
Venue : VMCC, IIT Bombay



GLOBAL INITIATIVE OF ACADEMIC NETWORKS (GIAN)



Protein Microarray



INSTRUCTOR

INSTRUCTOR



Dr. Joshua LaBaer
Executive Director, Biodesign Institute
Director, Biodesign Center for
Personalized Diagnostics
Arizona State University, USA

Registration Link
<http://www.bio.iitb.ac.in/~sanjeeva/massfiitb/index.php/registration/>

SPEAKERS



Dr. Ramesh Ummanni



Dr. Sanjay Navani

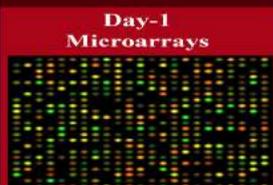


Dr. V. Prasanna



Dr. Sanjeeva Srivastava
Associate Professor, Proteomics Laboratory
Department of Biosciences & Bioengineering,
Indian Institute of Technology Bombay,
Mumbai, India

HANDS ON SESSIONS



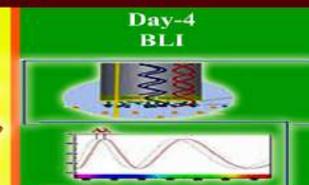
Day-1
Microarrays



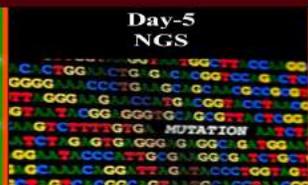
Day-2
IP-MS



Day-3
SPR



Day-4
BLI



Day-5
NGS

Contact :-

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INTERACTOMICS (GIAN)

The Interactomics course held at IIT Bombay was approved by the Global Initiative of Academic Networks (GIAN). The course was conducted from 24th to 28th February 2018 with Dr. Sanjeeva Srivastava from IIT Bombay and Dr. Joshua LaBaer from Arizona State University as the course co-ordinators. The five-day long course was filled with intensive lectures delivered by the course co-ordinators, in addition to talks by several national scientists and industry personnel; followed by hands-on/demo sessions on each day. Around 39 participants were a part of this course, which included undergraduate and graduate students, post-doctoral fellows and some faculty members as well.

The course was officially inaugurated by Dr. Ravindra Gudi, the co-ordinator for GIAN at IIT Bombay, wherein he explained the participants about the initiative and objectives of GIAN in further detail. Dr. Sanjeeva Srivastava gave an overview of the course and also explained the participants about what is 'Interactomics', with some examples from his own group. With respect to theme for day 1 that was Microarrays, the participants were given one Human Protein array each to perform a hands-on experiment for screening autoantibodies, under the assistance of trained volunteers from Dr. Srivastava's group at IIT Bombay, namely Ms. Manubhai KP, Ms. Srushti Rajyaguru, Ms. Swati Kumar and Ms. Apurva Atak. The experiment continued throughout the day, in addition to lectures from Dr. Ramesh Ummanni (IICT, Hyderabad) on Basics and applications of Reverse Phase Protein Arrays, Ms. Apoorva Venkatesh (IIT Bombay) on Cell-free expression arrays and Dr. Mukesh Jaiswal (Agilent Technologies) on Antibody signatures defined by high-content peptide microarray analysis. Dr. Joshua LaBaer concluded the session for the day by giving an overview about Biodesign Institute at Arizona State University and about his talks over the entire period of course.

Dr. Joshua LaBaer continued the session on day 2 of the course by educating the participants about basics of Nucleic Acid Programmable Protein Arrays (NAPPA) Technology, recombinant cloning and cell-free expression technologies. On day 2, the participants were exposed to other technologies of Interactomics field, including MS coupled Interactomics and MicroScale Thermophoresis (MST). They were given demonstrations for Immunoprecipitation by Ms. Rucha Gadre, Mass spectrometry by Mr. Sandip Kumar Patel, Microarray scanning by Ms. Nikita Gahoi and Ms. Manubhai KP for array printing. Additionally, Ms. Shuvolina Mukherjee (IIT Bombay) and Mr. Pratip Saha (ThermoFisher Scientific) delivered a lecture on basics of Immunoprecipitation and Mass Spectrometry respectively. Dr. Saloni Sonawala (ArrayJet) updated the participants with the Bioprinting and Iris™ Optical QC Benefits, followed by a talk and demo session by Dr. Sivaramaiah Nallapeta and Saji Menon (NanoTemper) for Biomolecular interaction analytics using MicroScale Thermophoresis (MST) and Tycho™ NT.6.

Day 3 of the course started with Dr. Joshua LaBaer further explaining the biomarker discovery and statistical analysis. Dr. Sanjay Navani from Labsurgpath, Mumbai shed light on the Human Pathology Atlas: A Pathology Atlas of the Human Transcriptome. This was followed with label-free techniques like SPR being demonstrated by Mr. Avijit Zutshi (IIT Bombay) and discussed in further detail by Dr. Uma Sinha Datta (GE Healthcare). Dr. Joshua LaBaer also gave a talk on post-translational modification based application of NAPPA Technology. Dr. Santosh Noronha (IIT Bombay) concluded the session for the day by discussing about the Multi-variate data analysis to identify potential leads from microarray datasets. The participants were also given hands-on training for using hybriwell for cell-free expression array by Ms. Apurva Atak (IIT Bombay).

Dr. Joshua LaBaer continued with the types and applications of NAPPA technology in Breast Cancer detection while Dr. Sanjeeva Srivastava further addressed the students with other Interactomics technologies during his talk on day 4 of the Interactomics course. Mr. Susheelendra Vaidya (Pall ForteBio) explained Biomolecular interactions using Bio-Layer Interferometry (BLI) through a lecture and demo session. From second half of day 4, the course was focused on Next-Gen Sequencing (NGS) Technology. Dr. Atima Agarwal and her team (Thermo Fisher Scientific) explained the basics of NGS and library preparation. Dr. Mukesh Jaiswal (Agilent Technologies) gave a demo for end-to-end sample quality control for Next-Generation Sequencing library preparation and SureSelect target enrichment on the Agilent 4200 TapeStation system.

The final day of the course started with Dr. Joshua LaBaer discussing the functional studies performed using NAPPA technology and the recent publications from his group. Dr. Prasanna Venkatraman further explained the SPR Technology, shedding light on why and when is it to be approached. Dr. Atima Agarwal and her team (Thermo Fisher Scientific) continued the demonstration for NGS Technology, followed by Dr. Mukesh Jaiswal (Agilent Technologies) for disease detection using NGS platform, target enrichment workflow for exomes, targeted panels and beyond. Dr. Rahul Solanki and his team (Premas Life Sciences) delivered a talk and demo for NGS Technology using Illumina platform.

The participants were given a short quiz based on the topics covered in the course. The winners were felicitated by Dr. Sanjeeva Srivastava and all the participants were presented a certificate by Dr. Joshua LaBaer. The course was concluded by closing remarks from course co-ordinators- Dr. Sanjeeva Srivastava and Dr. Joshua LaBaer, and a group photograph to capture the memories forever!

GIAN Interactomics Opening address by Dr. Sanjeeva Srivastava



Dr. Ramesh Unnamni explaining the basics and applications of RPPA to participants



TA's Explaining in Hands On Session



Dr. Joshua LaBaer continued with the types and applications of NAPPA technology in Breast Cancer detection while Dr. Sanjeeva Srivastava further addressed the students with other Interactomics technologies during his talk on day 4 of the Interactomics course. Mr. Susheelendra Vaidya (Pall ForteBio) explained Biomolecular interactions using Bio-Layer Interferometry (BLI) through a lecture and demo session. From second half of day 4, the course was focused on Next-Gen Sequencing (NGS) Technology. Dr. Atima Agarwal and her team (Thermo Fisher Scientific) explained the basics of NGS and library preparation. Dr. Mukesh Jaiswal (Agilent Technologies) gave a demo for end-to-end sample quality control for Next-Generation Sequencing library preparation and SureSelect target enrichment on the Agilent 4200 TapeStation system.

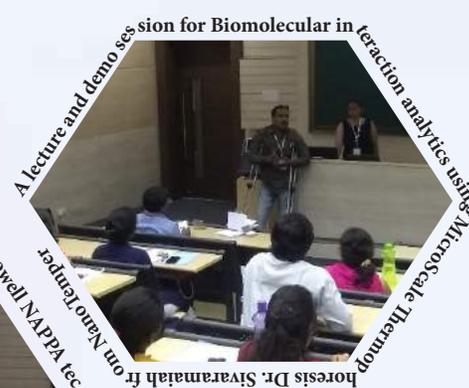
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Dr. Salomi Sonawala delivering a lecture on Bioprinting and Iris™ Optics

Dr. Joshua LaBaer explaining the concept of silicon nanopore NAPPA technology



A lecture and demo session for Biomolecular interaction analysis using MicroScale Thermophoresis (MST)



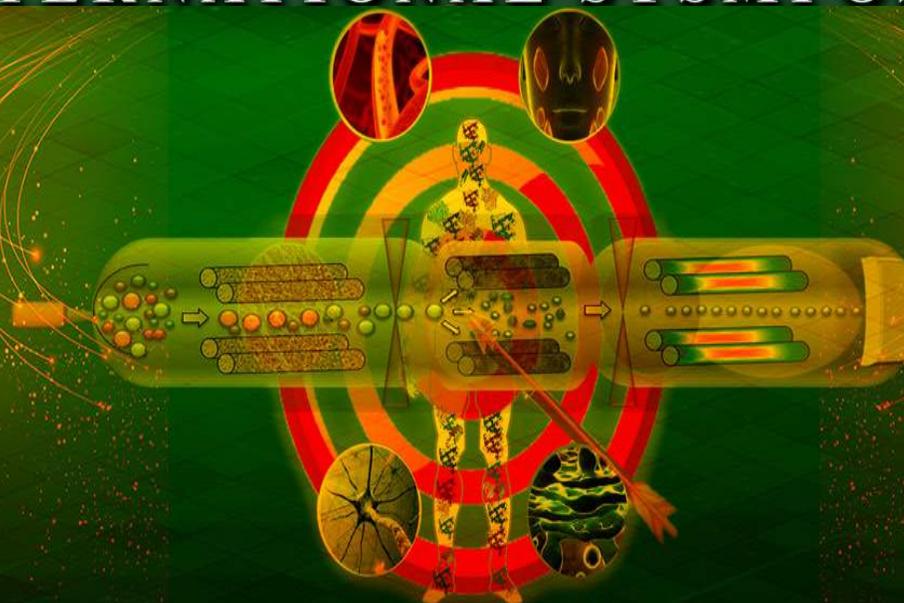
Dr. Santosh Noronha discussing about the multi-variate data analysis to identify potential leads from microarray datasets



Dr. Mukesh Jaiswal delivering a lecture on antibody signatures defined by high-content peptide microarray analysis

TERGETED PROTEOMICS INTERNATIONAL SYMPOSIUM

TARGETED PROTEOMICS INTERNATIONAL SYMPOSIUM



INSTRUCTORS / SPEAKERS



Dr. Sanjeeva Srivastava
(Convener)
IIT BOMBAY, India



Dr. Utpal Tatu
IISc, Bangalore,
India



Dr. Joshua LaBaer
Arizona State University,
USA



Dr. Ravi Sirdeshmukh
(Ex President PSI),
IOB, India



Dr. Surekha Zingde
(Ex President PSI),
India



Mr. Brendan MacLean
University of Washington,
USA



Dr. Eva Borrás
CRG/UPF Proteomics Unit,
Barcelona



Dr. Subhra Chakraborty
NIPGR,
New Delhi, India



Dr. Ramesh Ummanni
CSIR, Hyderabad
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Dr. Cristina
CRG/UPF Proteomics Unit,
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Dr. Renu Deswal
University of Delhi,
India



Dr. Kalpana Bhargava
DRDO, Delhi
India



Dr. Saloni Sonawala
UK



Dr. Niranjn Chakraborty
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Dr. Nathalie Selevsek
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Switzerland



Dr. Amol Suryavanshi
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Dr. Suman Thakur
CCMB,
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Dr. Rapole Srikanth
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EMAIL: sanjeeva@iitb.ac.in

TARGETED PROTEOMICS INTERNATIONAL SYMPOSIUM

The Targeted Proteomics International Symposium held on 25th February, 2018 at IIT Bombay was envisaged with the aim of bringing together proteomics researchers from around the world, so that the young students and college teachers can be updated with latest developments in the field of quantitative and targeted proteomics. The event was divided into five broad sessions in which several national and international scientists, well-established in the field of proteomics educated the young audience with the multifarious dimensions of proteomics applications. The event started off with the opening remarks by the convener, Dr. Sanjeeva Srivastava, who welcomed the enthusiastic audience. The first session entitled “Proteomics from discovery to function” mainly focused on familiarizing the audience with the evolution of proteomics along with an emphasis on proteomics applications in non-clinical settings. The next session dealt with several interactomics studies & other functional proteomics studies and also featured the plenary talk by Dr. Joshua LaBaer. The highlight of the symposium was the panel discussion which witnessed joint participation from clinicians and research scientists in discussing the opportunities and challenges involved in extrapolating proteomics research to routine clinical practices from the existing laboratory conditions.



Mass spectrometry, which is the current work-horse of proteomics research, was the focus of the third session which also featured a talk on HPP project. The fourth session mainly centered on the mass spectrometry-based proteomics applications in clinical studies which have come a long way from the classical gel-based approaches in global proteome analysis. The need for stringent validation and sensitive quantification leading to the development of targeted approaches were discussed in the next session. Further, plenary talk by Mr. Brendan MacLean, the inventor of Skyline, piqued the audience interests. The session was followed by a short, thought-provoking quiz for the participants which saw several top-notch performances revealing a high degree of proteomics understanding by the attendees.

The last session, an amalgamation of scientific discussion and a stimulating cultural evening along with the closing remarks concluded the event. This magnificent event provided an apposite platform for budding aspirants to have extended interactions with the world leading proteomics scientists in order to build their expertise in these areas.



International Symposium Quiz Winners



First Rankers of Symposium Quiz with Prof. Srivastava Soha Patil, Mitali Ghose and Akanksha Rajput (Left to Right)



2nd Ranker, Yessika De Leon Benito Revolko with Dr. Nathalie Selvesek



2nd Ranker, Amey Shirolkar with Dr. Nathalie Selvesek



2nd Ranker, Onkar Kadam with Dr. Nathalie Selvesek



1 2nd Ranker, Soumitra Marathe with Dr. Nathalie Selvesek



2 3rd Ranker, Saketh Kapoor with Dr. Rapole Srikanth



3 4th Ranker, Shrikant Vichare with Dr. Niranjana Chakraborty



4 4th Ranker, Ganesh Chepuri with Dr. Niranjana Chakraborty

CULTURAL EVENING



TPWIS-2018

Targeted Proteomics Workshop & International Symposium

A STIMULATING EVENING
Scientific & Cultural Session to unite open minds

25th Feb, 2018 (Sunday), 5:30PM-6:30PM, Venue:- V.M.C.C Auditorium



Short Talk on
Science Communication

Dr. Subhra Priyadarshini

Editor: Nature India



Suleiman

The 13-Year-Old Flute Player Who Won India's Got Talent 2016



Folk Dances

By Dr. Tushar Guha's Nrityanjali

ALL ARE INVITED

Convener :- Prof. Sanjeeva Srivastava , BSBE Department, Lab:- 304, Proteomics Lab, Email:- sanjeeva @iitb.ac.in

PROTEOMICS BOOT CAMP TPWIS - 2018



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Excellence in Science

Cultural evening on 25th of Feb, 2018

The cultural event was initiated with “Tell me a science story” by an impromptu act, narrated by Ms. Subhra (Chief Editor of Nature India, NPG group) and performed by Shri Girish Dalvi (a renowned Kathak dancer, part of Nrityanjali). Ms. Subhra talked about the importance of communicating science to the public by scientists. She also mentioned perceived risks and benefits of taking science out of the lab to the masses. Followed by other modes of spreading knowledge in the age of social media and blogging. The importance of country scientists’ proactive participation in the process of informing the public about science, raising awareness of their scientific disciplines and inspiring a next generation of researchers.



Followed by a Bharatnatyam performance on “Ek dantaye vakratundaye” to pay tribute to Lord Ganesha by Talele sisters. Talele sisters have learnt the art and mastered it too along their academics.

Then another wonderful performance was by **Suleiman**, a 13 year flautist, who is also the winner of a reputed talent show “India’s Got Talet-2016” won everybody’s heart with his magical flute performance. He performed on various Bollywood songs including two of the excellent compositions by A. R. Rehman’s – “Taal se Taal” and “Barso Re Megha” which wooed the audience. His performance on “Vande Matram” was so magical and a delight to ears that no one could stop themselves from giving him standing ovation. The aura and grace is so divine and indescribable when he walks in the place. Suleiman, is really an inspiration for all, for what he has achieved and the way he has achieved at such a small age!!!



Finally, after an amazing performance by Suleiman with the flute, Dr. Tushar Guha and his team from Nrityanjali performed on two different regional dance forms, one of these was traditional West Bengali folk dance, Baul. The simplicity and gracefulness of the act enthralled the audience. Followed by another performance by his group and this was on the popular Maharashtrian folk dance, Koli. This peppy performance was thoroughly appreciated by the audience and the performers were sent off stage with a standing ovation from the crowd.



Cultural event was concluded by felicitation of all the artists by Dr. Sanjeeva, Mr. Brenden and Dr. Joshua.



1 Dr. Sanjeeva Srivastava felicitating Mr. Suleman (Flute Artist)



2 Dr. Joshua felicitating Talele sisters (Classical Dancers)



3 Mr. Brenden felicitating Dr. Tushar Guha and his team (Nrityanjali)





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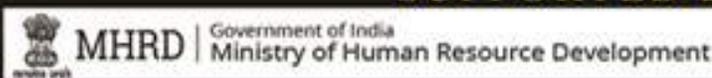
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