Department of Biotechnology
GURU NANAK DEV UNIVERSITY, AMRITSAR
organizes
International meet and Golden Jubilee Workshop on
Basic and Translational Research in Health Sciences
February 20-22, 2019

Who Should attend
* Faculty from reputed academic and technical institutions.
* Students at all levels (B.Sc./M.Sc./M.Tech/Ph.D.) of Life sciences including Biotechnology, Bioinformatics, Biochemistry and molecular biology, Botany, Microbiology, Human genetics, Zoology etc.
* Researchers / Post-doc / Research associate from Universities, Govt. and R&D laboratories.

No Registration Fee:
The candidates are required to register in the prescribed format and submit the registration form through email: bicamritsar@yahoo.com

Website & Links:
http://online.gndu.ac.in/conference-and-seminars_Organised.aspx

Speakers

Dr. Amit NARGOTRA
Senior Scientist & Head
Discovery Informatics Division
CSIR IIIM, Jammu, India.
Topic: Application of Cheminformatics in Translational Research

Dr. Prakash Chandra MISHRA
Assistant Professor
Department of Biotechnology
GNDU, Amritsar.
Topic: Understanding Protein Structure and its Application in Drug Discovery

Mr. Amit Kumar JHA
Director
AR Aquaformatics Private Limited, New Delhi.
Topic: Entrepreneurship and Life Sciences

Dr. Ravi SHANKAR
Senior Scientist
Studio of Computational Biology & Bioinformatics
CSIR-IIHBT, Palampur.
Topic: Understanding RNAI Binding Protein RNA Interactions through Big and High Throughput Data

Dr. Ashok KUMAR
Assistant Professor
System Biology & Bioinformatics, UIEAST
Panjab University, Chandigarh.
Topic: Application of Systems Biology in Drug Discovery

Dr. Priya MAHAJAN
DBT- Research Associate
Department of Biotechnology, GNDU, Amritsar.
Topic: Significance of Computer-Aided Drug Designing in Drug Discovery Process

Dr. Sunil KAUL
Chief Senior Research Scientist
BMRI, AIST, Japan
Topic: Health Care and Cure Potentials of Indian Ayurvedic Herb Ashwagandha: Molecules, Mechanisms, Merits to Society

Dr. Renu WADHWA
Prime Senior Researcher and Head DAILAB
BMRI, AIST, Japan
Topic: CARF is a Key Regulator and Molecular Bridge Between Cellular Senescence and Malignant Transformation: Discovery, Diagnostics and Drug Target

Dr. Ajaikumar B. KUNNUMAKKARA
Associate Professor,
Department of Biosciences and Bioengineering
IIT, Guwahati.
Topic: Role of Store Operated Calcium Channels in Oral Squamous Cell Carcinomas to Society

Coordinator:
Dr. Pratap Kumar Pati
Professor and Head
M: 9915091910, e-mail: pkpati@yahoo.com

Deputy Coordinator:
Dr. Prakash Chandra Mishra
Assistant Professor
M: 9888384495, e-mail: pm.biotech@gndu.ac.in

DEPARTMENT OF BIOTECHNOLOGY, GURU NANAKDEV UNIVERSITY, AMRITSAR, PUNJAB.
PHONE: 0183-2258802-09 EXT. 3218
International meet and Golden Jubilee Workshop on
“Basic and Translational Research in Health Sciences”
Department of Biotechnology
Guru Nanak Dev University, Amritsar- 143 005, India
on
February 20th – 22nd 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.00 am to 9.45 am</td>
<td>Registration of the Participants</td>
</tr>
<tr>
<td>9.45 am to 10.00 am</td>
<td>Floral Welcome of Guests and Lighting of Lamp</td>
</tr>
</tbody>
</table>
| 10.00 am to 10.45 am | Dr. Amit Nargotra  
Senior Scientist & Head  
Discovery Informatics Division  
CSIR – IIIM, Jammu, India.  
Email: amitnargotra@yahoo.com  
Topic : Application of Cheminformatics in Translational Research |
| 10.45 am to 11.30 am | Dr. Prakash Chandra Mishra  
Assistant Professor  
Department of Biotechnology, GNDU, Amritsar, India.  
Email: pm.biotech@gndu.ac.in, mypcm@yahoo.co.in  
Topic : Understanding Protein Structure and its Application in Drug Discovery |
| 11.30 am to 12.00 pm | High Tea                                               |
| 12.00 pm to 12.45 pm | Mr. Amit Kumar Jha  
Director  
AR Aquaformatics Private Limited, New Delhi, India.  
Email: bamit5000@gmail.com  
Topic : Entrepreneurship and Life Sciences |
| 12.45 pm to 2.00 pm | Lunch                                                  |
| 2.00 pm to 3.30 pm & 3.50 pm to 5.30 pm | Practical session  
Dr. Priya Mahajan, Ms. Abha and Ms. Ritu  
Department of Biotechnology, GNDU, Amritsar, India.  
Topic : Protein Structure Visualization, Prediction, Validation and Dynamics |
<p>| 3.30 pm to 3.50 pm | Tea                                                    |</p>
<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Speaker</th>
<th>Title</th>
</tr>
</thead>
</table>
| 21/02/2019| 10.00 am to 10.45 am | Dr. Ravi Shankar  
Senior Scientist  
Studio of Computational Biology & Bioinformatics  
CSIR-IHBT, Palampur, India.  
Email: ravish@ihbt.res.in; ravish9@gmail.com | Topic : Understanding RNA Binding Protein RNA Interactions through Big and High Throughput Data |
|           | 10.45 am to 11.30 am | Dr. Ashok Kumar  
Assistant Professor  
System Biology & Bioinformatics, UIEAST  
Panjab University, Chandigarh, India.  
Email: ashokkumar@pu.ac.in, ashokbiotech@gmail.com | Topic : Application of Systems Biology in Drug Discovery |
|           | 11.30 am to 12.00 pm | Dr. Priya Mahajan  
DBT- Research Associate  
Department of Biotechnology, GNDU, Amritsar, India.  
Email: priyabio.rsh@gndu.ac.in, priya.mahajan06@gmail.com | Topic : Significance of Computer-Aided Drug Designing in Drug Discovery Process |
| 22/02/2019| 10.00 am to 10.45 am | Dr. Sunil Kaul  
Chief Senior Research Scientist  
BMRI, AIST, Japan.  
Email: s-kaul@aist.go.jp | Topic : Health Care and Cure Potentials of Indian Ayurvedic Herb Ashwagandha: Molecules, Mechanisms, Merits to Society |
|           | 10.45 am to 11.30 am | Dr. Renu Wadhwa  
Prime Senior Researcher and Head  
BMRI, AIST, Japan.  
Email: renu-wadhwa@aist.go.jp | Topic : CARF is a Key Regulator and Molecular Bridge Between Cellular Senescence and Malignant Transformation: Discovery, Diagnostics and Drug Target |
<p>|           | 11.30 am to 12.00 pm | Tea                                        |                                                                     |</p>
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
</table>
| 12.00 pm to 12.45 pm | Dr. Ajaikumar B. Kunnumakkara  
Associate Professor  
Department of Biosciences and Bioengineering, IIT, Guwahati, Assam, India.  
Email : kunnumakkara@iitg.ac.in  
Topic : Role of Store Operated Calcium Channels in Oral Squamous Cell Carcinoma |
| 12.45 pm to 2.00 pm  | LUNCH                                     |
| 2.00 pm to 3.00 pm  | CERTIFICATE DISTRIBUTION                  |