



Guru Nanak Dev University
Amritsar



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

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-IHBT, 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.

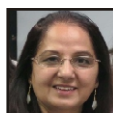
Topic: Significance of Computer-Aided Drug Designing in Drug Discovery Process



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 Carcinomaitis to Society

Who Should attend

- * Faculty from reputed academic and technical institutions.
- * Student 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



Coordinator :

Dr. Pratap Kumar Pati

Professor and Head

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Deputy Coordinator :

Dr. Prakash Chandra Mishra

Assistant Professor

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**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**

20/02/2019	9.00 am to 9.45 am	Registration of the Participants
	9.45 am to 10.00 am	Floral Welcome of Guests and Lighting of Lamp
	10.00 am to 10.45 am	Dr. Amit Nargotra Senior Scientist & Head Discovery Informatics Division CSIR – IIM, 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
	3.30 pm to 3.50 pm	Tea

21/02/2019	10.00 am to 10.45 am	<p>Dr. Ravi Shankar Senior Scientist Studio of Computational Biology & Bioinformatics CSIR-IHBT, Palampur, India. Email : ravish@ihbt.res.in; ravish9@gmail.com</p> <p>Topic : Understanding RNA Binding Protein RNA Interactions through Big and High Throughput Data</p>
	10.45 am to 11.30 am	<p>Dr. Ashok Kumar Assistant Professor System Biology & Bioinformatics, UIEAST Panjab University, Chandigarh, India. Email : ashokkumar@pu.ac.in, ashokbiotech@gmail.com</p> <p>Topic : Application of Systems Biology in Drug Discovery</p>
	11.30 am to 12.00 pm	Tea
	12.00 pm to 12.45 pm	<p>Dr. Priya Mahajan DBT- Research Associate Department of Biotechnology, GNDU, Amritsar, India. Email : priyabio.rsh@gndu.ac.in, priya.mahajan06@gmail.com</p> <p>Topic : Significance of Computer-Aided Drug Designing in Drug Discovery Process</p>
	12.45 pm to 2.00 pm	Lunch
	2.00 pm to 3.30 pm & 3.50 pm to 5.30 pm	<p>Practical session</p> <p>Mr. Nitesh Kumar Research Scholar Studio of Computational Biology & Bioinformatics CSIR-IHBT, Palampur, India.</p> <p>Topic : NGS Data Analysis for Transcriptome Discovery</p>
	3.30 pm to 3.50 pm	Tea
22/02/2019	10.00 am to 10.45 am	<p>Dr. Sunil Kaul Chief Senior Research Scientist BMRI, AIST, Japan. Email : s-kaul@aist.go.jp</p> <p>Topic : Health Care and Cure Potentials of Indian Ayurvedic Herb Ashwagandha: Molecules, Mechanisms, Merits to Society</p>
	10.45 am to 11.30 am	<p>Dr. Renu Wadhwa Prime Senior Researcher and Head BMRI, AIST, Japan. Email : renu-wadhwa@aist.go.jp</p> <p>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

	12.00 pm to 12.45 pm	<p>Dr. Ajaikumar B. Kunnumakkara Associate Professor Department of Biosciences and Bioengineering, IIT, Guwahati, Assam, India. Email : kunnumakkara@iitg.ac.in</p> <p>Topic : Role of Store Operated Calcium Channels in Oral Squamous Cell Carcinoma</p>
	12.45 pm to 2.00 pm	LUNCH
	2.00 pm to 3.00 pm	CERTIFICATE DISTRIBUTION