

Registration Form

Name & Designation :

Affiliation:

Address:

Areas of interest:

E-mail :

Fax : Phone :

Accommodation required: YES/NO
(Please tick the type of accommodation required)

Guest House ☐

Hotel ☐

The Guest House / Hotel accommodation charges
will have to be paid directly by the participant
at the time of check-out.

Payment Details:
Registration Fee: Rs.2500/-

NEFT No. Dated.

For further details please contact :

Chief Executive Officer
Biotech Park

(Near Biotech Square) Sector 'G' Jankipuram,
Kursi Road, Lucknow-226 021, UP (INDIA)

Tel: +91-522-4012091/2365050-Ext.104

Telefax: +91-522-4012081

Email: bic@biotechpark.org.in

Website : www.biotechpark.org.in

Workshop Contents

Bioinformatics and Application

Biological Database

Disease Pathway Analysis

Biomarker Databases

In-silico Biomarker Discovery

Biomarkers in Drug - Discovery
and Development

Metabolomics

RNAi Technology

Biotech Park, Lucknow

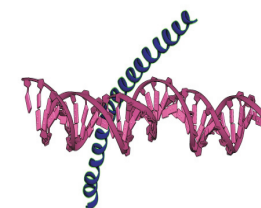
Where Cutting Edge Science Prospers



Workshop On

*Discovering Biomarkers of Diseases:
A Bioinformatics Approach*

March 1- 3, 2017



Sponsored By

**Department of Biotechnology
Govt. of India**

Organised By

Biotech Park, Lucknow



About the Biotech Park, Lucknow

The Biotech Park, Lucknow, located in the city of Nawabs, decorates Lucknow with a futuristic State-of-the-art facility for biotechnology-led enterprises. It is the only functional biotechnology park in North India, serving the State of Uttar Pradesh to bring biotechnology as a way of cultivating crops, living a healthy life and enriching skills for boosting the biotech industry. The Park was set up jointly by the Department of Biotechnology, Govt. of India and Department of Science & Technology, Govt. of Uttar Pradesh. In a short time, it has fulfilled not only the dreams the country had in 2002 when Lucknow was declared as "Biotechnology City", but has also enabled the State to provide a platform for the "Make in India" mission

About the Workshop

Bioinformatics, a combination of biology, mathematics and computer science, is an emerging area of science. Computational biology plays a significant role in the discovery of new biomarkers, analyses of disease states and validation of potential biomarkers. Biomarkers are objectively measured and evaluated as indicators of normal biological processes, pathogenic processes or pharmacological responses to a therapeutic intervention. Biomarkers may be used to perform a clinical assessment as well as to monitor and predict health states in individuals or across populations so that appropriate therapeutic intervention can be planned. They are being exclusively developed and validated for use in drug development too. Systems biology is an approach to the science that views biology as an information science and studies biological systems as a whole and their interactions with the environment.

This approach has particular power in the search for informative diagnostic biomarkers of diseases as it focuses on the fundamental causes and keys for identification and understanding of disease-perturbed molecular networks. Metabolomics is fast gaining ground as a powerful tool for biomarker discovery and as an important component of systems biology research. It offers new opportunities for biomarker discovery in complex diseases and may provide pathological understanding of diseases beyond traditional technologies. The disease biology may provide biomarkers useful for identification of early stage diseases, potentially addressing an important clinical need.

The Workshop Aims:

To familiarize researchers and students with:

I) In-silico bioinformatics tools and databases for biomarker discovery, validation and implementation.

II) Systems Biology and Metabolomics approaches for biomarker discovery and disease pathway analysis.

The participants of the workshop will be accessing online and offline bioinformatics resources for disease pathway analysis for discovering biomarkers and study of the progress of disease, so as to predict the treatment outcome and clinical trial. The practical knowledge gained through this workshop will help in enhancing their skills in application of these tools in basic and industrial research.

Registration Fee

Rs 2,500/- per participant. The registration fee includes Lectures/presentation handouts, stationary, lunch and tea. Fee is paid by online NEFT (National Electronic Funds Transfer)**

Bank Name: Indian Overseas Bank

Branch Address: Sector-G, Jankipuram, Kursi Road, Lucknow

Account No. : CA-68 (179202000000068),

IFSC code: IOBA0001792,

***It is mandatory to enclose the online transaction printout of successful NEFT transfer for verification*

Completed registration form along with the fee should reach, CEO, Biotech Park on or before February 24, 2017.

Accommodation

Persons desiring hotel accommodation are advised to book their accommodation directly. For Guest House accommodation contact us by E-mail or by phone. Name of some nearby hotels:

- Taj Residency (www.vivanta.tajhotels.com)
- Gemini Continental(www.geminicontinental.com)
- Hotel Sagar International (www.hotelsagar.com)
- Hotel Clarks Avadh (www.clarksavadh.com)
- Sapna Clarks Inn (www.clarksinn.in)
- Vijay Paradise (www.vijayparadise.com)

For any queries please contact us:

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