

# ONE DAY SYMPOSIUM ON

## “Microbial genome mining for finding unique genes and taxonomic classification of industrially important novel species”

**April 23, 2024**

**NIBGE, Faisalabad**

### Symposium Outlines

- An overview of microbial genomics
- Genome sequencing and assembling the raw data
- Use of WGS data in delineating new bacterial species
- Exploration of microbial genomes through mining and comparative genomics

### Organizing Committee

Dr. Kalsoom Akhtar, DCS, Director, NIBGE  
Dr. M. Hamid Rashid, DCS, Head IBD, NIBGE  
Dr. Nasrin Akhtar, PS, NIBGE (**Symposium organizer**)  
Dr. Shazia Khaliq, PS, NIBGE  
Dr. Munir A. Anwar, DCS, NIBGE

### Faculty

Dr. Kalsoom Akhtar, DCS, Director, NIBGE  
Dr. Hamid Rasheed, DCS, Head IBD, NIBGE  
Dr. Munir Ahmad Anwar, DCS, IBD, NIBGE  
Dr. Nasrin Akhtar, PS, IBD, NIBGE  
Dr. Shazia Khaliq, PS, IBD, NIBGE  
Dr. Muhammad Farooq, PS, ABD, NIBGE  
Dr. Iqra Jawad, JS, IBD, NIBGE

### For Correspondence

Send complete application form along with copy of CNIC and recent photograph to:

**Dr. Nasrin Akhtar (Symposium organizer)**

Industrial Biotechnology Division, National Institute for  
Biotechnology & Genetic Engineering (NIBGE), P.O.Box.  
No. 577, Jhang Road, Faisalabad

Or Email: [nasrin\\_379@yahoo.com](mailto:nasrin_379@yahoo.com)

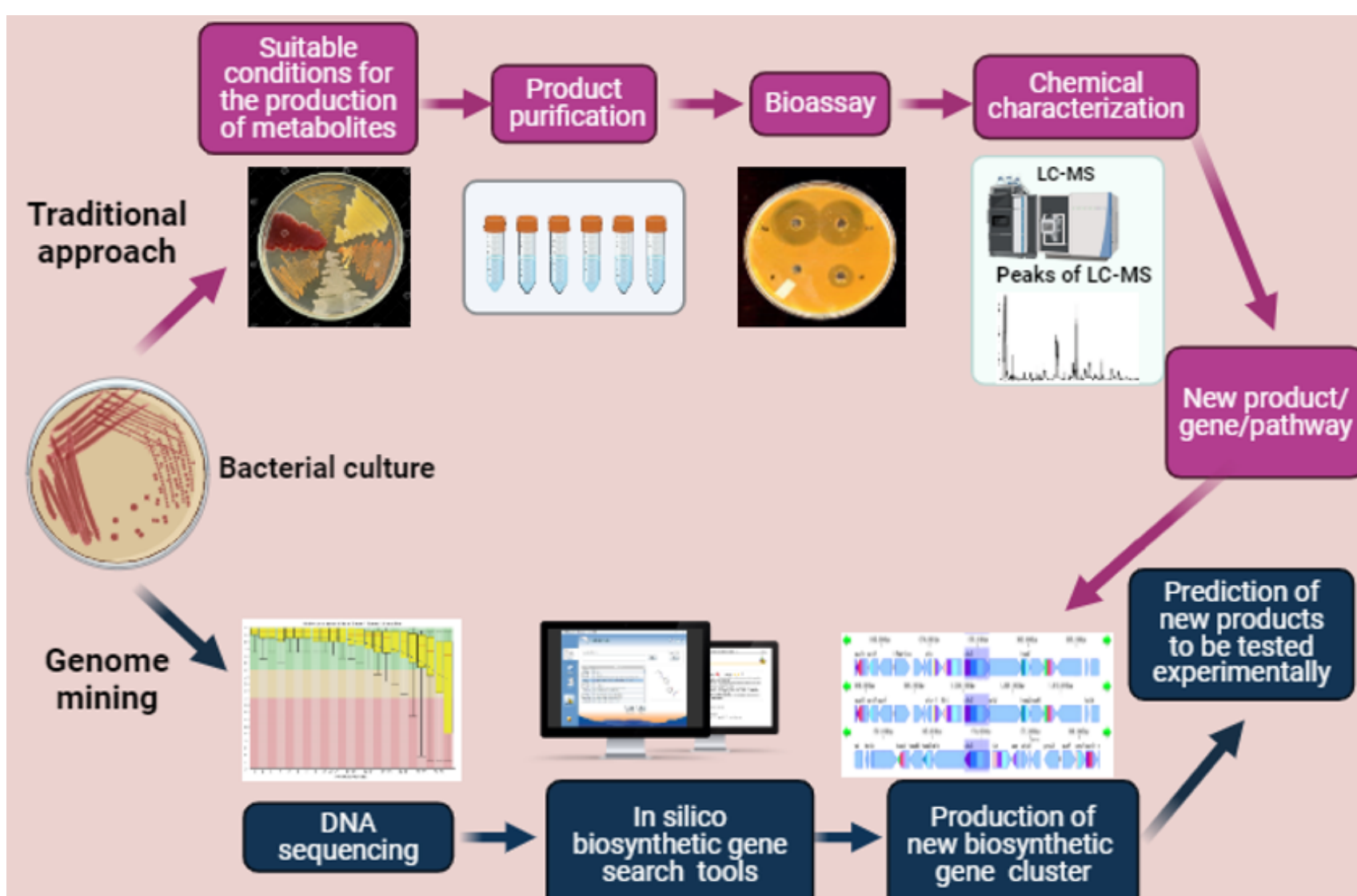
+92-41-9201316; Ext. 3226 Cell No. 03067108009

Application forms can be downloaded from:  
[www.nibge.org](http://www.nibge.org)

### Registration Closing Date

**April 18, 2024**

Genomics is one of the fastest evolving disciplines of science. Next generation sequencing (NGS) has made it possible to provide whole genome sequences (WGS) of organisms not only in limited time, but with minimal cost as well. Genomic information can provide an insight into extended view of the gene pool of a species. Moreover, it is a powerful tool for identifying the orthologous genes and candidate regions associated with a specific trait/function in diverse bacterial species. Likewise, by conducting genomic analysis, the scale of the microbial screening process can be expanded without labor-intensive growth experiments. Knowledge of entire genetic sequences opens a whole new range of possibilities for more efficient research.



### Participants: 40

Students, Researchers, Teachers and Technicians working in academia, research institutions and related areas

### Registration Fee

Rs. 1,000/- (For Students)

Rs. 2,000/- (For Employees)

Registration fees will be paid at the time of registration

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