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8th International Bioprocessing India Conference to open at CSIR-NCL

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Recent advancements and application in bioprocessing for biosimilars, vaccines and bioenergy



The International Bioprocessing India Conference, the 8th one in the series dedicated to the presentation and discussion of the latest scientific developments in this fast-moving field, will be held in person at CSIR-National Chemical Laboratory (NCL) between December 16 and 18, 2022. The scientific programme aims to highlight the state-of-the-art technologies in

Bioprocessing for Biosimilars, Vaccines and Bioenergy and trigger discussions on how to progress further in this field.

The integrity of a bioprocess is multifactorial and ultimately determines the quality of the biotherapeutic. Bioprocessing starts from design and development of cell lines and continues until the product is manufactured. The methods and strategies form essential learning to every scientist, engineer or manager in the biopharma industry.

Programme highlights:

The event will kick off with an inaugural talk by Dr Cyrus Karkaria, President of the Biotechnology division of Lupin Pharma followed by plenary lectures by Prof. Abraham Lenhoff, the Allan P. Colburn Professor of Chemical Engineering at University of Delaware, USA and Dr Umesh Shaligram, Executive Director & Board Member of Serum Institute of India.

The 2.5 day meeting expects to cover basic and applications of cutting edge research and development in both academia and industry. The areas covered would include classical themes and modern advancements in biopharma industry.

Some key areas of industrial interest including upstream and downstream processing for recombinant protein therapeutics, scale up, and biomanufacturing along with biophysical and analytical characterization will form a major part of the conference.

Another major focus will be biocatalysis, biotransformation, metabolic engineering for bioenergy. Basic scientific concepts of protein folding, refolding, aggregation, protein engineering, in-silico and mechanistic modelling critical to the success of vaccine and the biopharmaceutical industry will be focused on in some sessions.

Biosensing and diagnostics will be discussed in some detail. Nutraceuticals and natural product chemistry will also be touched upon. State-of-the-art synthetic biology approaches and ideas on stem cell technology, gene therapy and drug delivery will also be a part of these deliberations.

With 70 invited talks from academia and industry, 50 student talks and posters, 2 exciting startup stories and numerous workshops, this will be a melting pot of knowledge, ideas and discussions and collaborations.

Come join our network at CSIR-NCL for BPI 2022.

Website details: https://bioprocessingsociety.com/bpi-2022/