



विज्ञान एवं प्रौद्योगिकी विभाग  
DEPARTMENT OF  
SCIENCE & TECHNOLOGY  
भारत सरकार  
GOVERNMENT OF INDIA



DST-SERB: Accelerate Vigyan – Karyashala (High-End Workshop)

# BIOSIMILAR WORKSHOP

DIGITAL EDITION

presents  
Mass Spectrometry Training Program  
under  
Accelerate Vigyan Scheme

## MASS SPECTROMETRY FOR ANALYSIS OF CRITICAL QUALITY ATTRIBUTES OF BIOLOGICS/BIOSIMILAR

# 01-07 MARCH 2021

## Lecture and Demonstration series

### KEY LEARNING OBJECTIVES

- Fundamentals of mass spectrometry
- The principles of PTMs and Glycosylation process
- Factors affecting glycosylation
- Data interpretation of mass spectrometry

### SPEAKER LIST\*

- Prof. Utpal Tatu, IISc Bangalore
- Dr. Sanjeeva Srivastava, IIT Mumbai
- Prof. Rainer Bischoff, University of Groningen
- Dr. Babu Ponnusamy, Intaspharmaceuticals
- Dr. Pauline Rudd, NIBRT, Dublin
- Dr. Jayaprakash Natarajan, Stelis Biopharma

\*Tentative speaker list

Mass Spectrometry is the key analytical technology in current monoclonal antibody characterization and plays an increasingly important role for both global and fine structural characterization of therapeutic candidates. Modern mass spectrometers generate large amount of high quality data that in turn allows protein sequencing and identification. The effort here is to educate and motivate students to take up challenging task in biopharmaceutical research as well as educate them on global scientific advances. This workshop will deal with some of the basic concepts and current approaches in the analysis of mass spec data in protein characterization.



Mode of Workshop:  
**Virtual (Zoom platform)**

Certification Course with  
**No Registration Fees**

Contact Details – Email: [biosimilarworkshop@nano-medicine.co.in](mailto:biosimilarworkshop@nano-medicine.co.in) | Mobile: +91-937 281 5842

For more details and registration visit: [www.biosimilarworkshop.com](http://www.biosimilarworkshop.com)