

Profession Training series:

# Industrial Bioprocessing Training 2021

UMass, Lowell, MA  
Feb 1 - Mar 5, 2021

## Course Description:

- This course teaches key principles and concepts of industrial bioprocessing of protein, cell and gene therapies. The course covers recent technologies and practices of upstream, downstream and analytical tool in bioprocessing industry. In addition, FDA initiatives of PAT (Process Analytical Technology), Quality by Design, and Emerging Technology will be covered.
- The training will be held online for 5 weeks. Materials and recordings for each module will be available along with live QnA & Networking session.

## Instructors:

- Industry professionals from BMS, Pfizer, MilliporeSigma, UMass Biologics and UMass experts.

## TARGET AUDIENCE:

- Scientist, Senior Research Scientist, Bioprocess Engineer, or equivalent in Pharmaceuticals, Biopharmaceuticals.
- Attendees from academia and regulatory agencies may also benefit depending on their areas of interest and level of experience.

## COURSE OBJECTIVES:

At the completion of this course, the participant will be able to:

- Understand the recent technologies of upstream, downstream and analytical tools used in the bioprocessing industry
- Explore advantages, disadvantages and various applications in actively-emerging cell and gene therapies along with their bioprocessing practices
- Learn Quality by Design (QBD) in regulatory and big data analytics used in biopharmaceutical development and manufacturing field.



## REGISTRATION:

- Register [here](#)
- Cost of attendance is \$3,750

[Professional Training Series](#)

## INDUSTRIAL BIOPROCESSING TRAINING 2021

Leading the Way for Antibody Drugs, Cell and Gene Therapies of the Future

Registration: <http://sites.uml.edu/syoon/short-course>

Feb 1 – Mar 5, 2021 University of Massachusetts, Lowell

