



mini-BIOMAN: Downstream Processing of mAbs
June 26, 27 & 28, 2018, Mount Wachusett Community College, Gardner, MA
Registration Application

Recent trends have seen a rise in the use of monoclonal antibody therapeutics (mAbs) as the medical community strives towards a more personalized approach to treating diseases such as cancer and autoimmune disorders. Monoclonal Antibodies continue to be the top category of biologic drug on the market, accounting for over \$52 billion in annual sales in the US. In 2016, five of the top ten revenue producing drugs were mAbs. This trend looks set to continue, and will demand a skilled technical workforce as new facilities are built to meet market needs.

Production of mAbs in Chinese Hamster Ovary (CHO) cells is a common practice in pharmaceutical companies. This miniBIOMAN hands-on workshop will cover the downstream processing stage of the mAb manufacturing process. Participants will follow standard operating procedures (SOPs) and production batch records to perform each stage of the process, including tangential flow filtration, Protein A affinity chromatography, and ELISA assays.

At the conclusion of the mini-BIOMAN, participants will have a comprehensive, ready-to-insert curriculum module to utilize in their own classrooms. Curricular materials include PowerPoint slides and links to helpful resources and references, as well as hands on activities. Breakfast and lunch are provided each day of the conference, and transportation to off-site venues is included. Participation in all three days of the workshop is required.

** A limited number of \$500 travel stipends are available for out-of-town participants.*

** Registration will remain open until all participant positions are filled.*

To register, complete this form and return to Matt Marshall, NBC2 Program Manager, at mmarshall@mc3.edu. Registrations will be accepted on a first-come, first-served basis, contingent on review by NBC2 leadership.

First Name _____

Last Name _____

Email Address _____

Phone Number _____

Job Title _____

School/Organization _____

Street Address _____

City _____

State _____

Zip _____



Have you previously attended a professional development event hosted by NBC2? If yes, please list the event(s) and indicate whether you received a travel stipend.

Do you currently have a biotechnology/biomanufacturing program at your institution? If so, which relevant courses do you currently teach or have you taught in the past?

Briefly describe your level of experience with biofuel product manufacturing.

Briefly describe your plans for incorporating the biomanufacturing curriculum materials provided and your anticipated time-frame for doing so.

For reporting purposes, NBC2 will issue an evaluation survey immediately following the conference and 6 months after the conference. Are you willing to complete these surveys?

Would you like to be considered for a \$500 travel stipend from NBC2?

YES _____ NO _____