

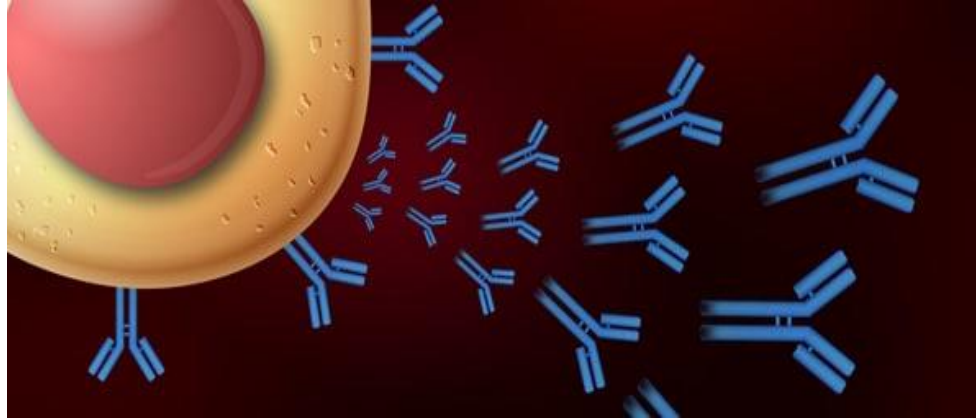


# ***Downstream purification for continuous processing of biotech therapeutics***

***Project no.: 2019-2-15***



**Prof. Anurag Rathore**  
Dept. of Chemical Engg.



**Dr. Manidipa Banerjee**  
KSBS



**Anupa, PhD  
Scholar**  
M.Sc. Biotechnology,  
University of Pune  
B.Sc. (H) Microbiology,  
University of Delhi

*Biotech therapeutics are the drugs made from biological source i.e. a bacterial or mammalian host cell is engineered to produce a desired drug that can be used to treat cancers. It majorly involves monoclonal antibodies (mAbs). The production of these mAbs involves a process of upstream where the clone is developed which carries our gene of interest and overexpressed in a suitable host cell. It is followed by the downstream purification which employs chromatographic techniques to purify the desired product that meets the critical quality attributes and which is suitable to deliver into the patient.*