

Special Issue on Advanced Methods for the Biopharmaceutical Purification and Characterization

Call for Papers

Resulting from the exciting discoveries, biopharmaceutical purification and characterization have emerged as one of the most innovative, dynamic, and promising scientific fields. The development of new technologies and apparatus and products such as biopharmaceutical drugs and vaccines, antibodies, biosensors, plasmid DNA, and recombinant proteins are important and continuous.

The increase of biomolecules production has, as a result, an increase of demand of purification and characterization technologies of quality to meet the ongoing demands to answer increasingly stringent regulatory standards at process scales.

The efficient process of purification and characterization is conjoint with the development of effective technologies for high specificity and/or high throughput delivery.

We invite authors to present original research articles as well as review articles that will stimulate the continuing efforts in advancing purification and characterization technologies, focusing on new innovations in these fields. Potential topics include, but are not limited to:

- Purification methods and new purification media (design, characterization, application, and evaluation)
- Process optimization and development, scale up and down
- High throughput screening, membrane chromatography, filtration or alternative
- Precipitation and crystallization processes
- Virus elimination, virus purification, and very large molecules purification
- Lab on chip, SPR, biosensors, analysis, application, and technology
- UHPLC and alternative
- Analysis and control of posttranslational modifications for recombinant proteins

Before submission authors should carefully read over the journal's Author Guidelines, which are located at

<http://www.hindawi.com/journals/jamc/guidelines/>. Prospective authors should submit an electronic copy of their complete manuscript through the journal Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/jamc/apcb/> according to the following timetable:

Manuscript Due	Friday, 8 August 2014
First Round of Reviews	Friday, 31 October 2014
Publication Date	Friday, 26 December 2014

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