

Fall 11-2-2015

Continuous countercurrent tangential chromatography for purification of high value therapeutic proteins

Andrew Zydney

The Pennsylvania State University, zydney@engr.psu.edu

Oleg Shinkazh

Chromatan Inc

Boris Napadensky

Chromatan Inc

Amit Dutta

Chromatan Inc

Follow this and additional works at: http://dc.engconfintl.org/biomanufact_ii



Part of the [Biomedical Engineering and Bioengineering Commons](#)

Recommended Citation

Dutta AK, Tran T, Napadensky B, Teella A, Brookhart G, Ropp PA, Zhang AW, Tustian AD, Zydney AL, Shinkazh O. 2015. Purification of monoclonal antibodies from clarified cell culture fluid using protein A capture continuous countercurrent tangential chromatography. J Biotechnol (in press).

This Conference Proceeding is brought to you for free and open access by the Proceedings at ECI Digital Archives. It has been accepted for inclusion in Integrated Continuous Biomanufacturing II by an authorized administrator of ECI Digital Archives. For more information, please contact franco@bepress.com.

Purified
Product

3-Stage Elution Step Schematic

