

## Accepted Manuscript

Title: Large Scale monoclonal antibody purification by continuous chromatography, from process design to scale-up

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## Highlights

A chained process including 2 SMCC steps and a polishing step was implemented for mAb purification

Better process performance was achieved operating in SMCC mode compared with that in batch mode

The SMCC development was proved to be not as complicated as expected compared with that for batch

A better process understanding is expected through the implementation of SMCC

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