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(54) **Title:** METHODS OF PROCESSING A FLUID

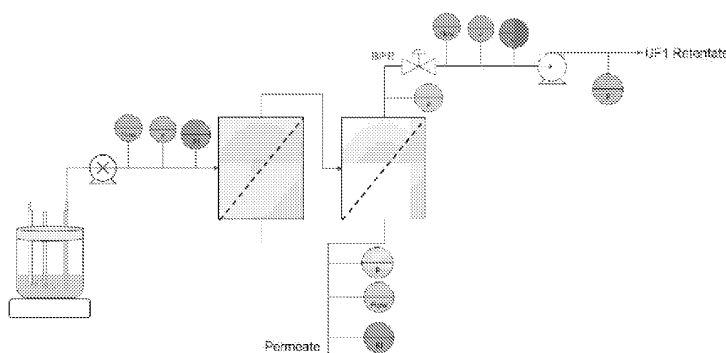


FIG. 1A

(57) **Abstract:** Provided herein are methods of processing a fluid comprising a recombinant therapeutic protein that include the use of a bioprocessing system comprising integrated unit operations, including cell removal, cell retention, chromatography, virus inactivation, virus filtration, TFF, and formulation. Also provided are bioprocessing systems that include these unit operations.



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