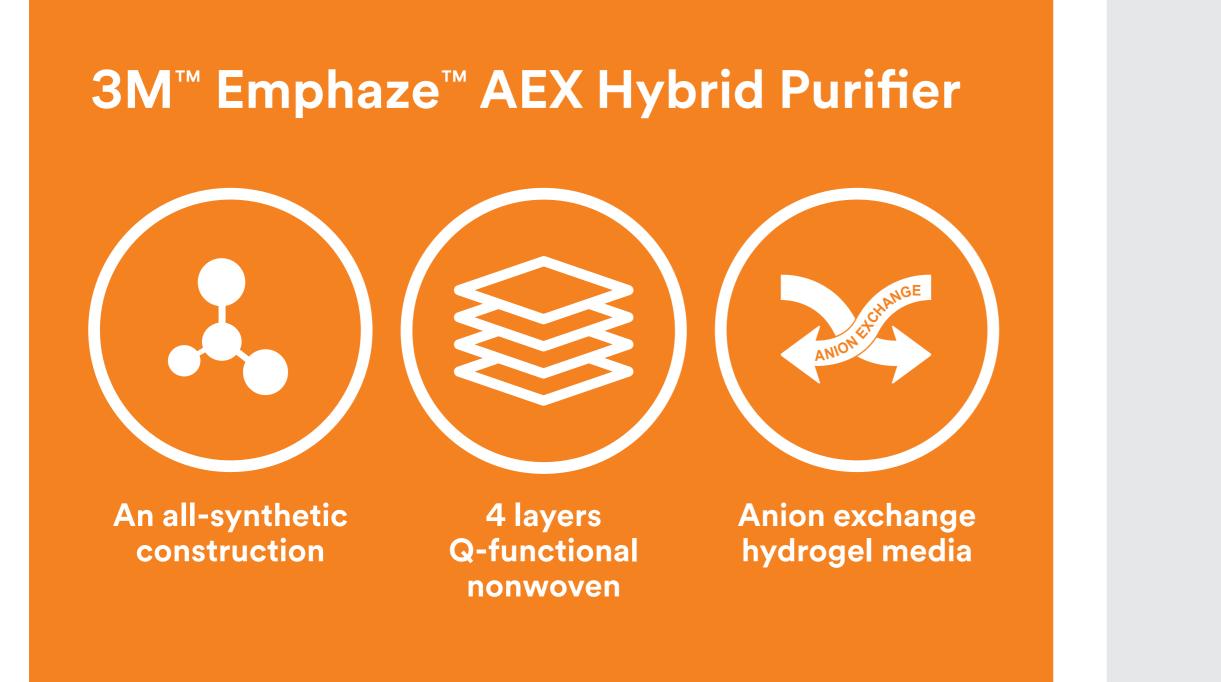
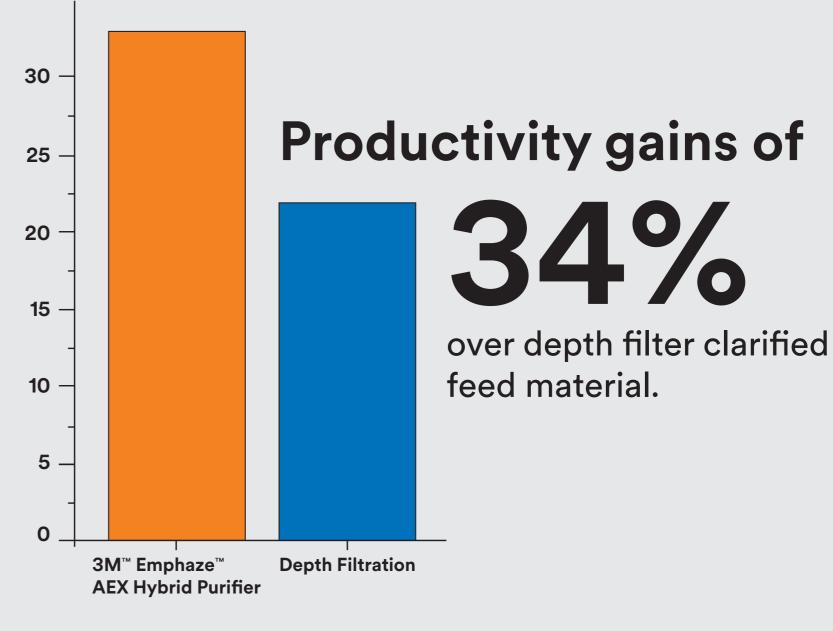
BAN Science. Applied to Life.[™]

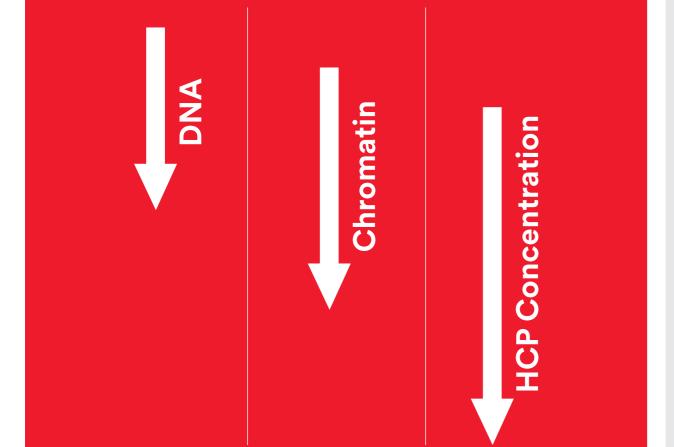
Chromatographic clarification enhances periodic counter-current (PCC) protein A chromatography performance

Ref: El-Sabbahy et al. The effect of feed quality due to clarification strategy on the design and performance of protein A periodic counter-current chromatography, Biotechnology Progress 2018





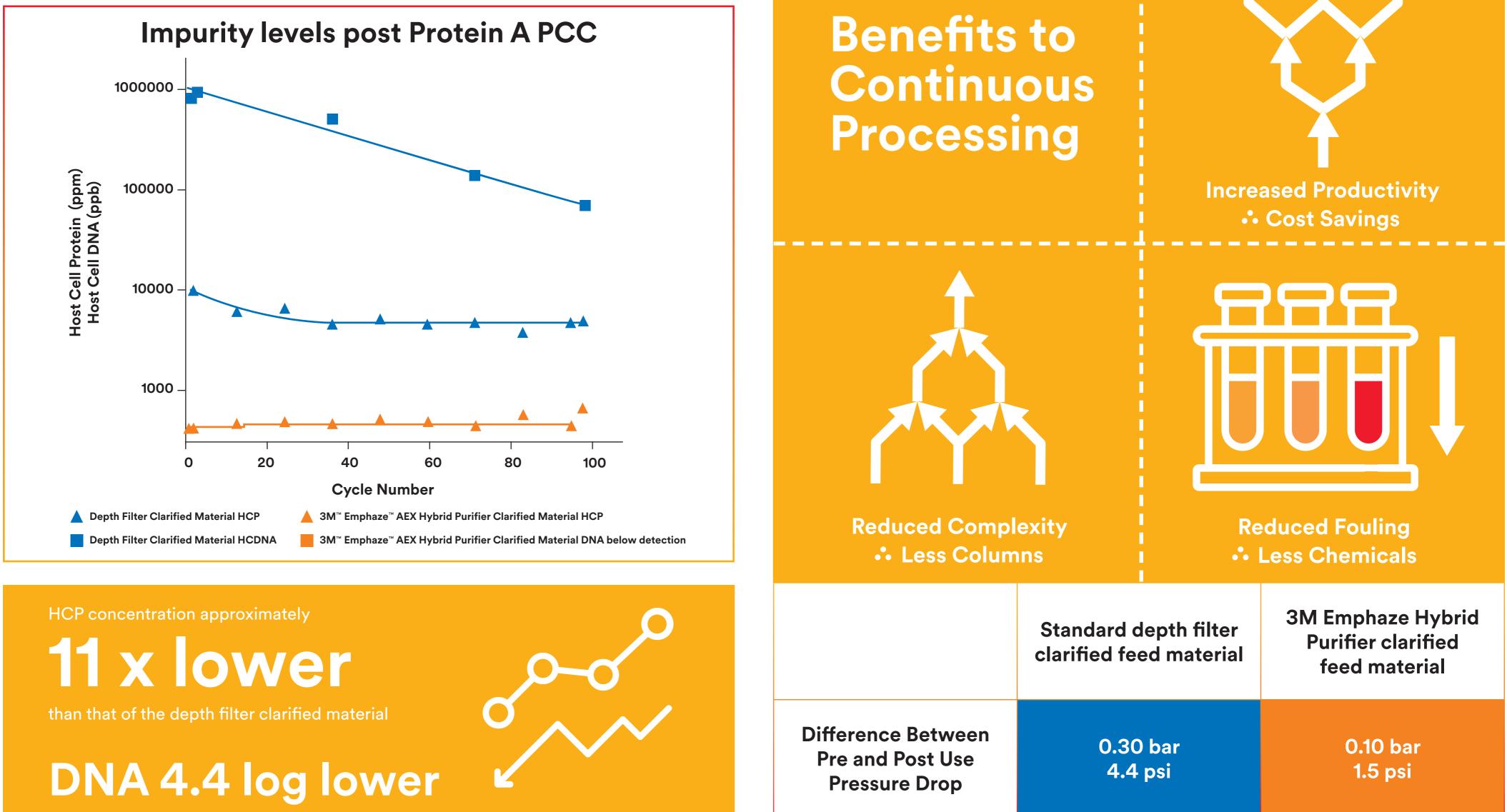


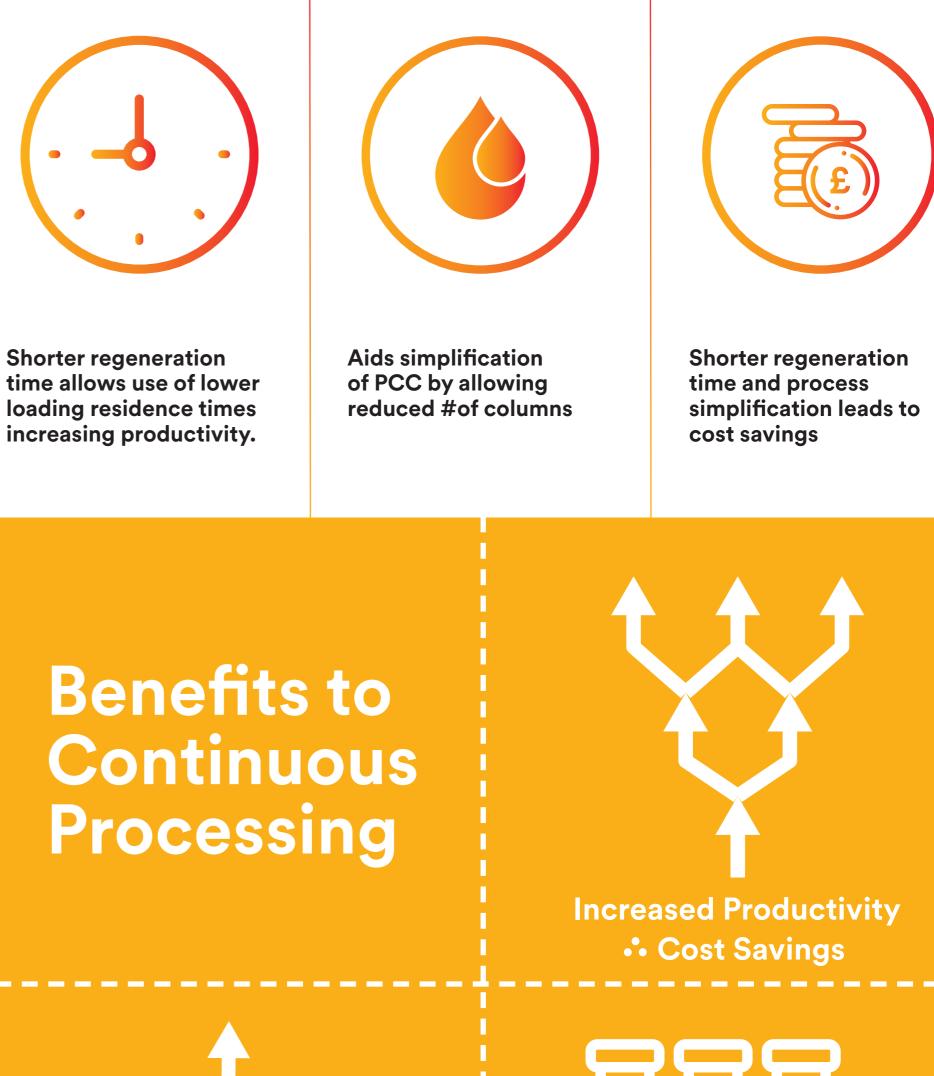


shorter regeneration time



on protein A column





Data based on research outputs of a collaborative research project between UCL and 3M.

The results outlined here were achieved using the 3M[™] Emphaze[™] AEX Hybrid Purifier which can be easily incorporated into a batch or continuous process,

in a scalable fashion, without adding additional separate unit operations. Further detail available in research article form on request.

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