

Bioreactor Off-load Filtration Using Cellulose-Based Lenticular Depth Filters

By George Quigley – President, ErtelAlsop

Abstract:

Bioreactor offloads contain various levels of cell debris which need to be removed. Depending on the source material, the size and nature of these particles can vary greatly. Due to the typically high volumes of solids and the range of particle sizes, selecting the proper filter media can be challenging. Cellulose based lenticular depth filters in multiple stages can provide a cost effective means of reducing solids loading to protect downstream separation steps.

Biography:

George Quigley is the President of ErtelAlsop and has been in the filtration industry for 20 years. He is a member of ISPE and PDA and he currently chairs the PDA Cellulose-Based Depth Filtration Task Force. George holds a Bachelors of Science in Computer and Systems Engineering from Rensselaer Polytechnic Institute. He, his wife, and three children live in upstate New York.