



BioprocessOnline.com Editorial Themes

- ▶ Upstream process operations (APIs, assays, bioreactors, cell culture media, expression, fermentation, outsourced development, perfusion)
- ▶ Downstream process operations (chromatography, filtration, outsourced manufacturing, separation/purification, viral clearance)
- ▶ Regulatory considerations for early-stage biopharmas
- ▶ CMC foundations for the clinic & beyond
- ▶ CGMP: FDA quality baselines for biopharma
- ▶ Clinical design in a new era of regulatory flexibility
- ▶ Process considerations for emerging cell therapies
- ▶ Process considerations for emerging gene therapies
- ▶ Possibilities and pitfalls of outsourced biologics development
- ▶ New therapeutic modalities: where they fall on the biologic spectrum
- ▶ Biopharma market dynamics in a post-pandemic world
- ▶ Facilities design & bioprocess equipment selection
- ▶ Process intensification in practice
- ▶ Single use systems trends
- ▶ Biopharma supply chain: opportunities and constraints
- ▶ Biopharma 4.0: The marriage of computational science and biology
- ▶ IP & legal protections for new biopharma entities
- ▶ Profiles in biopharma leadership
- ▶ Early-stage biopharma financing and finance management
- ▶ Organizational development / startup management
- ▶ Sustainable sourcing: Ensuring self-sufficiency in APIs, process consumables & equipment
- ▶ Navigating government's role in the biologics market: Manufacturing, pricing, & more



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