

Meet the Expert



Dr. Sue Behrens has over 20 years of experience in cGMP manufacturing environments, including upstream, downstream and aseptic operations. Her global experience encompasses all aspects of scale-up and production of vaccine biopharmaceutical, and sterile products.

Sue's exceptional ability to develop and implement supply chain strategies in order to fulfill market needs makes her a valuable asset to clients defining project requirements. She adeptly conducts root cause analysis in order to resolve production issues and identify innovative opportunities for improvement.

Sue has extensive experience in Europe and Asia and has led projects for new product commercialization, for pilot scale manufacture of clinical supplies and for business strategy for global supply chain design. She has been critical in driving technology transfer from designing lab-scale development studies to pilot-scale clinical manufacture in Indonesia for a whole cell pneumococcal vaccine. Sue has supported the evaluation of novel disposable technologies, compliance assessments and due diligence reviews for capital investments. In addition, she has authored IND CMC sections and the EU Environmental Risk Assessment for novel vaccines, including adjuvants.

With broad experience across multiple manufacturing platforms, Sue has shared her understanding through presentations at several forums, including "Technology Trends & Challenges for Vaccine Manufacturing" at IMVACS 2013, "Regulatory CMC Strategies to Optimize Time to Submission and Prepare for Successful BLA/MAA" at CMO Consulting Summit 2014 and "How to Decide - Stainless Steel or Single Use?", INTERPHEX 2015.

Previously, Sue held senior leadership roles at Merck & Co, Inc. including biologics manufacturing science & commercialization, sterile process technology & engineering, vaccine operations, vaccine regulatory & analytical sciences, pharmaceutical R&D and bioprocess technical operations.

Dr. Sue Behrens earned her Bachelor of Science degree in Chemical Engineering from University of Michigan and a PhD degree from the University of California-Berkeley with completion of her thesis "A Novel Optical Technique for Measuring Protein Diffusion in Polymer Matrices".

Sue Behrens, PhD Bioprocess Engineer

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Areas of Expertise

- Vaccine, Biologics and Sterile Products Manufacturing
- Bioprocess Facility Design
- Aseptic Fill/Finish Facility Design
- Supply Chain Strategy
- Process Development
- Technology Transfer
- CMC Regulatory File Preparation
- Investigations & Deviation Management
- Six Sigma Executive Belt