



# Global innovation for local solutions

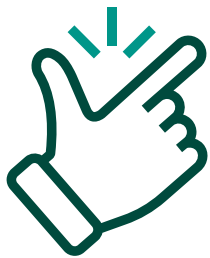
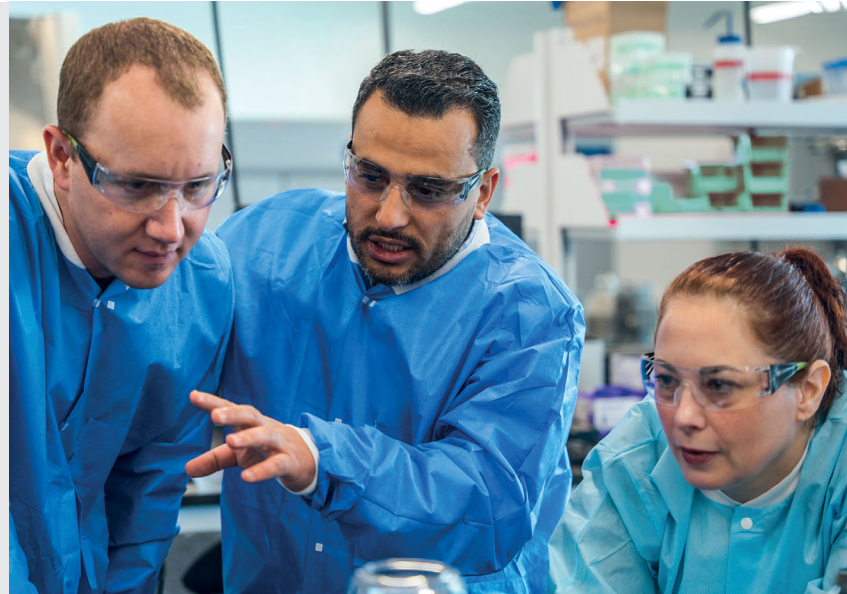
Solventum bioprocess application specialists

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[go.Solventum.com/bioprocessing](https://go.Solventum.com/bioprocessing)  
Solventum, formerly 3M Health Care

# New applications, simplified

When you're developing a new biopharmaceutical product, you want to focus on bringing your solution to patients — and that takes solving challenges in research, development and manufacturing as soon as they arise. Our global network of Solventum bioprocess application specialists help you troubleshoot filtration issues and simplify your process, no matter where you are in your product journey.



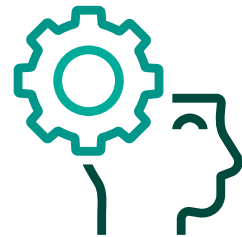
## Simplicity

Receive well defined service and support, including trial reports, analytical tools and onsite technical consultation.



## Responsiveness

Experience fast services that help you hit tight timelines and be competitive in your field. With an expected response time of 24-48 hours, you can count on a timely response.



## Subject matter expertise

Get connected with our customer-focused team to solve problems and investigate new applications. With an average of 10 years of industry experience, you can have confidence that you're in the right hands.



## Global Solventum collaboration, locally supported

**71**  
Countries

**85**  
Laboratories

**51**  
Customer technical  
centers

# Global expertise, delivered locally

Global challenges require global solutions. Our bioprocess application specialists are available to provide local support in over 70 countries around the world, and we maintain an active knowledge network to help them share ideas and learn from one another. This means you always have access to the best support, whether through your local lab or our global platform.



## Tech transfers

The life sciences industry is globally interconnected, so a cross-functional network is key to helping you advance.

From internal site scale-ups to collaborating with an external partner, our strong and well-connected technical team can assist in transferring your technology.



## Connecting customers

Being a trusted partner means focusing on your needs. Our bioprocess applications specialists help facilitate collaboration between customer sites and CMOs, while connecting global projects together. We help to find new opportunities between operations.



## A well connected, international team

Our team of experts understands the complexity inherent in global operations and knows what it takes to help simplify your processes. While customers have one dedicated, direct technical contact per site, that contact leverages a global network of expertise. With over 35 bioprocess applications specialists exchanging technical solutions, our global team is committed to finding the best path forward for our customers' questions.



# Support at every phase of development

Working with you every step of the way, our bioprocess application specialists offer continuity of support – completely complementary to your organization. From technical lunch-and-learns to lab trials and demos, we can help you take your breakthrough from discovery to commercialization.



## Drug discovery & development

- Design of experiment
- Training/usage of small-scale devices
- Technology evaluation
- Technical consultation



## Preclinical

- Design of experiment
- Scaling trials and recommendations
- Implementation support and troubleshooting
- Process optimization
- Consult on product viral clearance capability



## Clinical manufacturing

- Training/usage of small and large scale device
- Scaling trials and recommendations (demo of scalability)
- Assistance on viral clearance studies
- Assistance with product quality assurance and performance
- New equipment IQ/OQ and hands-on operator training



## Commercial

- Implementation support
- Process optimization and troubleshooting
- Assistance with product quality assurance and performance
- Optimized equipment performance
- Change qualification

# With you every step of the way



*“The Bioprocess Application Specialists have always been quick to respond and their technical support is immensely valuable, and I could see yesterday that they went beyond the extra mile. That level of support will not be forgotten by me or the pilot team.”*

- Principal Scientist, Lonza



*“The Bioprocess Application Specialists have been instrumental in helping our team at Lundbeck identify and successfully incorporate new depth filtration technology. Their knowledgeable experience and willingness to come onsite to conduct sizing studies have been invaluable, and their responsiveness to our needs has been essential in facilitating timely results to guide upstream development. We are grateful for their partnership and look forward to continuing to work with them in the future.”*

- Scientist, Lundbeck Seattle BioPharmaceuticals



*“The Bioprocess Application Specialists are amazing and very knowledgeable about cell culture harvest processes using depth filtration. They have proposed and performed many bench-scale harvest optimization studies to help my team and our clients determine the best filter grade as well as the harvest throughput for each process. Their invaluable assistance is essential for the scale-up success of many harvest processes in our manufacturing facilities.”*

- Senior Development Scientist, AGC Biologics

# One step makes a real difference

See how our solutions can help improve your bioprocessing line.

	Drug discovery & development	Preclinical	Clinical manufacturing			Commercial
	Early process development	Preclinical manufacturing	Phase 1	Phase 2	Phase 3	Commercial manufacturing
3M™ Zeta Plus™ Depth Filter		■	■	■	■	■
3M™ Harvest RC Chromatographic Clarifier	■	■	■	■	■	■
3M™ Emphaze™ AEX Hybrid Purifier	■	■	■	■	■	■
3M™ LifeASSURE™ Membrane Filter		■	■	■	■	■
3M™ Polisher ST	■	■	■	■	■	■



# Explore our biopharmaceutical purification portfolio



## 3M™ Zeta Plus™ Depth Filter

3M™ Zeta Plus™ Depth Filters include a wide selection of single-use depth filters, featuring a full range of pore sizes and media types. The encapsulated filters deliver high contaminant capacity and throughput, eliminating a cleaning step and cleaning validation, and shorten setup in encapsulated systems.

[Scan the QR code to learn more](#)



## 3M™ Emphaze™ AEX Hybrid Purifier

3M™ Emphaze™ AEX Hybrid Purifiers reduce the harvest and clarification steps by replacing the second depth filter, accelerating operations and delivering high purity. Containing a Q-functional anion exchange media and a fine particle, bioburden reduction membrane, the 3M™ Emphaze™ AEX Hybrid Purifier consistently and efficiently reduces DNA, HCP, endotoxin levels and cell debris during manufacturing and downstream processing.

[Scan the QR code to learn more](#)



## 3M™ Harvest RC Chromatographic Clarifier

3M™ Harvest RC Chromatographic Clarifier is the first one-step fiber chromatographic clarifier that accelerates the mAB harvest and clarification process by improving process efficiencies — like replacing the centrifuge and depth filters while delivering improved yield and purity.

[Scan the QR code to learn more](#)



## 3M™ Polisher ST

3M™ Polisher ST is a fully encapsulated, scalable, single-use anion exchange (AEX) product with two complementary functionalized media for downstream processing. The AEX-functional membrane with novel ligand combined with AEX-functional non-woven fiber allows it to perform in high salt conditions, delivering efficient removal of residual contaminants (HCP, DNA) and viral clearance under turbid conditions.

[Scan the QR code to learn more](#)



## 3M™ LifeASSURE™ PDA Membrane Filter

3M™ LifeASSURE™ PDA Membrane Filters leverage single-use products to help control bioburden and deliver process efficiencies through high capacity, fast flow rates and reliable filtration performance across gamma compatible and sterile formats.

[Scan the QR code to learn more](#)



## 3M™ Encapsulated Systems Holder

3M™ Encapsulated System Holders are designed with operator ease and convenience in mind, accommodating a variety of 3M production capsules for biopharmaceutical processing lines. Multiple configurations of the holder designs allow for flexibility at various production scales and provide a small footprint during use and storage.

[Scan the QR code to learn more](#)



# Take the next step with us

Our service centers, quality management team and bioprocess application specialists are ready to work with you on your next challenge.

Visit [go.Solventum.com/bioprocessing](https://go.Solventum.com/bioprocessing)  
or contact your Solventum representative to get started



Connect with our bioprocess  
application specialists.



See our experts in action.

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**Solventum**  
2510 Conway Ave E  
Maplewood, MN 55144  
US

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