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**News Release**

**FOR IMMEDIATE USE BEFORE OCTOBER 8, 2018**

**Avantor® Experts to Present Latest on Single-use Technology, Raw Materials Management, Other Topics at BioProduction Congress in Dublin**

*Avantor, also one of the sponsors of the event, is a leading global provider of integrated, tailored solutions for the life sciences and advanced technologies industries*

**Radnor, Pa. (USA) – October 3, 2018** – [Avantor®](#) experts will be presenting at multiple technical sessions during [BioProduction Congress](#) October 8-10 in Dublin, Ireland. Avantor will also be one of the sponsors of the event, which covers topics across the entire bioprocessing industry.

**Technical Presentation**

On Wednesday, October 10, at 12:10 p.m., Avantor Vice President of R&D, **Dr. Nandu Deorkar**, will participate in the *Manufacturing Strategy & Technology* session with a presentation titled "Managing Raw Materials and Auxiliary Components Supply with In-time Delivery and Release to Enable Continuous Biomanufacturing."

"Typical biologic manufacturing consumes hundreds of raw materials including media, supplements, process chemicals, filters, resins, and excipients," said Deorkar. "Managing the flow and timely release and use of these components is a daunting task, especially while meeting all quality requirements. We'll discuss available technologies and various options with a risk and benefit analysis to overcome some of these challenges."

**Scientific Posters**

In the scientific poster display area, Avantor will also present case studies on single-use solutions for bioprocessing. Posters from the company will include:

- "Designing Novel Fluid Sampling Systems for GMP Operations," highlighting the Avantor OmniTop product, a patented conical tube cap design, and a novel multi-tube sampling platform that was customized to replace traditional sampling tools and processes. It will also cover various design considerations for a customized single-use system, methods used to validate a system, and pre-use integrity tests that verify the efficacy of each system on a batch-to-batch basis.
- "Implementation of Single-Use Powder Delivery Systems in Continuous Biomanufacturing Processes: A Case Study," demonstrating the significant efficiency gains, decrease in material cross-contamination and, ultimately, the reduction in millions

of dollars of annual manufacturing costs when integrating a [J.T.Baker® Direct Dispense](#) single-use powder dispensing system into a continuous biomanufacturing facility.

### **Exhibit Stand #51**

Avantor will also showcase a broad selection of products, services and solutions the company now offers since acquiring VWR in November 2017. Operating as a single entity, with VWR as the company's proven sales channel brand, Avantor provides biopharmaceutical production solutions spanning the full range of bioprocessing requirements—from upstream to downstream and fill and finish. As part of Avantor, VWR offers a variety of standard and customized single-use solutions through its [channel and e-commerce site](#).

The booth will feature a complete portfolio, including:

- **Single-use Solutions** - including tank liners, tube sets, manifolds, connectors and filtration systems for upstream, downstream and final fill and finish
- **Sera** - including fetal bovine serum and calf serum sourced from a fully certified supply chain for traceability by the International Serum Industry Association (ISIA)
- **Production chemicals** of the highest quality and consistency, including cell culture supplements, buffers, surfactants, process chromatography resins and a full array of excipients

For more information about Avantor, visit: [www.avantorinc.com/](http://www.avantorinc.com/) or [twitter.com/avantor\\_news](https://twitter.com/avantor_news) or [www.facebook.com/AvantorInc](https://www.facebook.com/AvantorInc).

### **About Avantor**

Avantor® is a global manufacturer and distributor of high-quality products, services and solutions to professionals in the life sciences and advanced technology industries. As our channel brand, VWR offers an integrated, seamless purchasing experience that is optimized for the way our customers do business. Operating from over 30 countries worldwide, the company seeks to enable customer success in the biopharmaceutical, pharmaceutical, medical device, diagnostics, healthcare, educational, industrial, government, aerospace & defense, and semiconductor industries. For more information, visit [www.SettingScienceInMotion.com](http://www.SettingScienceInMotion.com).

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