



## **CONTINUOUS/DISTRIBUTED MANUFACTURING**

### **MONTHLY NEWS ROUNDUP – FEBRUARY 2019**

#### **US FDA takes steps to advance continuous manufacturing**

The US Food & Drug Administration (FDA) has issued guidance on continuous manufacturing to accelerate the technology's adoption and encourage those who are yet to decide. FDA Commissioner Scott Gottlieb said continuous manufacturing, along with other new methods, can help to further support the development of new drugs.

<https://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm632043.htm>

#### **Nalas partnership with Nitech Solutions announced**

In a move to enhance its capabilities to serve North American markets, NiTech has installed its continuous reaction and crystallisation technologies at Nalas Engineering. Nalas said the **partnership** is an ideal fit and having NiTech's DN15 crystalliser/reactor will facilitate successful demonstrations for those US-based customers seeking to evaluate and develop their proprietary chemistry in continuous flow.

<http://www.nalasengineering.com/news/nalas-partnership-with-nitech-solutions-announced/>

#### **Laboratory mixer uses continuous processing to test formulations**

Readco Kurimoto has introduced a compact, tabletop continuous mixing processor. The company has developed the plug-and-play RK-1 continuous processors to test new and existing formulations using a continuous process in a controlled, laboratory environment.

<http://www.pharmtech.com/laboratory-mixer-designed-testing-formulations-using-continuous-processing>

## EVENTS

### WEBINAR: Benefits of using high-functionality excipients in a continuous process

13 March 2019, 10am EDT | 2pm GMT | 3pm CET  
On demand available after airing until 13 March 2020.

**Speaker:** Ossi Korhonen, Associate Professor, University of Eastern Finland, School of Pharmacy

#### Key Learning Objectives:

- Learn how high-functionality excipients provide enhanced blending characteristics over traditional excipients, both in batch processing and continuous manufacturing applications
- Simplify continuous manufacturing by using an all-in-one co-processed composite in tablet formulation
- Learn about the best lubricant of choice for continuous manufacturing applications due to its low impact on tablet hardness and API dissolution

Register free: <https://tinyurl.com/y2ccorw4>

### The reality of continuous pharmaceutical manufacturing

26-28 March 2019, Durham, UK

GEA, Siemens and Perceptive Engineering will host an inaugural three-day conference to examine the fact and fiction of continuous manufacturing in the pharmaceutical industry. The event will include presentations from early adopters, one of which will take place at the National Formulation Centre in Sedgefield, UK, courtesy of the Centre for Process Innovation (CPI), along with a chance to visit MSD's Cramlington plant.

<https://www.gea.com/en/events/continous-pharmaceutical-manufacturing-conference/index.jsp>

### Flow chemistry and continuous processing conference

8-9 April, 2019, Royal Sonesta Hotel Boston, Cambridge, Massachusetts, USA

Flow chemistry and continuous processing have undergone a renaissance over the past decade, offering unique control of key process parameters such as temperature and mixing, increased process safety and potentially access to new reaction space. This two-day conference focuses on case studies from process chemists and engineers, who give their insights, examples and opinions.

[https://www.scientificupdate.com/conference\\_events/flow-chemistry-and-continuous-processes-conference/20190408/](https://www.scientificupdate.com/conference_events/flow-chemistry-and-continuous-processes-conference/20190408/)