

MONTHLY ROUNDUP – OCTOBER 2019

NEWS

PAT: cornerstone for continuous manufacturing

In this October article, Martin Gadsby, director at Optimal Industrial Technologies, looks at why Process Analytical Technology (PAT) provides the cornerstone to continuous manufacturing.

www.pandct.com/media/shownews.asp?ID=54485

CPI, University of Strathclyde, GSK and AZ start work on continuous platform

CPI and University of Strathclyde (with GSK and AstraZeneca) have begun work on their Grand Challenge 1 project - developing a continuous direct compression platform at the new Medicines Manufacturing Innovation Centre.

<https://www.uk-cpi.com/news/the-medicine-manufacturing-innovation-centres-grand-challenge-1-will-develop-platform-to-accelerate-optimisation-of-oral-solid-drug-formulations>

Sanofi opens digital facility using continuous biologics production

Sanofi has opened its new digital manufacturing facility in Framingham, Massachusetts, USA, marking one of the world's first digital facilities using intensified, continuous biologics production technology.

<https://www.multivu.com/players/English/8627651-sanofi-new-digital-manufacturing-facility/>

GEA and Merck study highlights robustness of continuous for long runs

GEA and Merck & Co. conducted a study on using a GEA continuous system for a 120-hour production run. GEA's James Holman, Head of New Development and Innovation, Pharma talks to Manufacturing Chemist about the process robustness and operational considerations during the trial.

https://manufacturingchemist.com/news/article_page/Testing_the_limits_of_dosage_production_with_continuous_direct_compression_technology/158759

EVENTS

Flow Chemistry Asia

14-15 November, 2019 Tokyo, Japan

This [conference](#) brings together researchers from academia and industry from Europe, Asia-Pacific and USA to address the most timely topics in this expanding field. The event is co-located and held concurrently with the SelectBIO Microfluidics and Organ-on-a-Chip Asia 2019. An exhibition showcasing technologies and product offerings runs alongside the conference.

Australian Flow Chemistry Symposium 2019

2-3 December, 2019 Melbourne, Australia

Organised by CSIRO, this [symposium](#) is aimed at fostering exchange between chemists, chemical engineers, material scientists and other disciplines active in flow chemistry and microreactor technology. It will feature presentations on the latest advances in areas such as continuous processing for pharmaceutical, fine chemical and polymer manufacturing, flow electrochemistry, flow photochemistry, flow catalysis, microreactor technology, flow chemistry in space, among many more.

Flow Chemistry Europe

3-4 March, 2020, Wellcome Genome Conference Centre, Hinxton, Cambridge, UK

Topics at this [event](#) will include chemical synthesis in flow, as well as the preparation of polymers for materials science and medicinal chemistry. The impact of machine-learning, self-optimising systems and novel analytical techniques in flow will also be featured. Running alongside the conference will be an exhibition covering the latest technological advances in the area of flow chemistry with companies from Europe, the US and Asia.

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