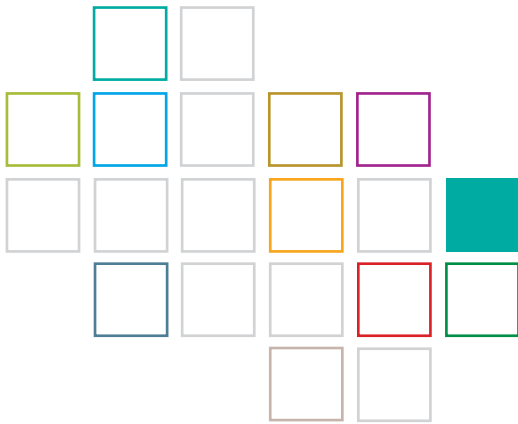


# 2<sup>nd</sup> APV Continuous Manufacturing Conference



18 to 19 February 2020  
Freiburg, Germany

Course no. 6794



## Pharmaceutical Manufacturing

### Target group

People working in formulation & process development, engineering, quality, commercial manufacturing, academia and authorities.

### Conference is built up out of three session topics

- Regulatory perspective on continuous manufacturing
- Quality and PAT
- Particle engineering

Kindly supported by



Pfizer Manufacturing Deutschland GmbH





A seminar organised by the focus group Solid Dosage Forms

## Objectives

- Learn about the current regulatory perspective on CM from health authorities and from industrial point of view
- Learn about the approaches for control strategies in continuous manufacturing from different pharmaceutical companies
- Learn about the impact of particle engineering of APIs and excipients on CM
- Visit the Pfizer CM plant in Freiburg and learn about their PCMM (Portable-Continuous-Miniature-Modular) approach
- Exchange ideas at the posters and table tops

A conference kindly supported by the APV Task Force Continuous Manufacturing.

## Committee

- Giustino di Pretoro, Janssen Research&Development, Belgium
- Dejan Djuric, Bayer, Germany
- Horst Dieter Friedel, Bayer, Germany
- Geert Verreck, Janssen Research&Development, Belgium
- Peter Kleinebudde, Heinrich-Heine University Düsseldorf, Germany



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## Programme

Tuesday, 18 February 2020

9:00-18:00 h

**Welcome and introduction**  
by the programme committee

### Plenary lecture

**Continuous manufacturing in the future**  
Markus Krumme, Novartis, Switzerland

### Session 1: Regulatory perspective on continuous manufacturing

**FDA - guidance for industry continuous manufacturing**  
Thommas O'Connor, FDA, United States

**Update on ICH Q13**  
Wendy Zwolenski-Lambert, Novartis and EFPIA EWG, Switzerland

**Eli Lilly - experiences with approval processes in different countries / HA**  
Ahmad Almaya, Eli Lilly, United States

**Janssen - experiences with approval processes in different countries / HA**  
Kim Boue, Janssen, Belgium

### Session 2: Quality and PAT

**Continuous manufacturing from QA perspective**  
Eric Meier, Novartis, Switzerland

**Control of continuous granulation**  
Martin Maus, Boehringer Ingelheim, Germany

### Real time release

- Gabriella Dahlgren, Janssen, United States
- Frank Streil, Teva, Germany

Welcome reception kindly sponsored by



Networking dinner

# 2<sup>nd</sup> APV Continuous Manufacturing Conference

## Programme

Wednesday, 19 February 2020 9:00-17:00 h

### Plenary lecture

**Pfizer Continuous Manufacturing Container Model - PCMM**  
Gunther Bechmann, Pfizer, Germany

### Session 3: Particle engineering

**Application of Flow Chemistry and Biocatalysis as State-of-the-art Technologies in the Manufacture of a Key Intermediate of Entresto**  
Francesco Venturoni, Novartis, Switzerland

**Enabling continuous manufacturing of tablets through API particle engineering**  
Calvin Sun, University of Minnesota, United States

**IQ consortium on particle engineering for CM**  
Ivan Marziano, IQ consortium, United States

**Optimal Properties of Excipient Materials in the Context of Continuous Powder Processing**  
Theresa Hörmann, RCPE, Austria

**The role of functional excipients and their properties in various continuous manufacturing process steps**  
Bastiaan Dickhoff, DFE Pharma, Netherlands

**How to make excipients more suitable for continuous manufacturing**  
Christian Mühlenfeld, Ashland, Germany

**Development and characterisation of excipients for continuous processing of solid dosage forms**  
Ali Rajabi-Siahboomi, Colorcon, United States

## Facility tour\* to Pfizer

- \* Facility tour completely booked out!
- \* First 40 participants will have the opportunity of a costless visit to the Pfizer CM facility!
- \* Accomplishment of the lab visit is dependent on environmental influences.
- \* Please note that due to competition reasons, individual participants may be excluded from the factory tour.

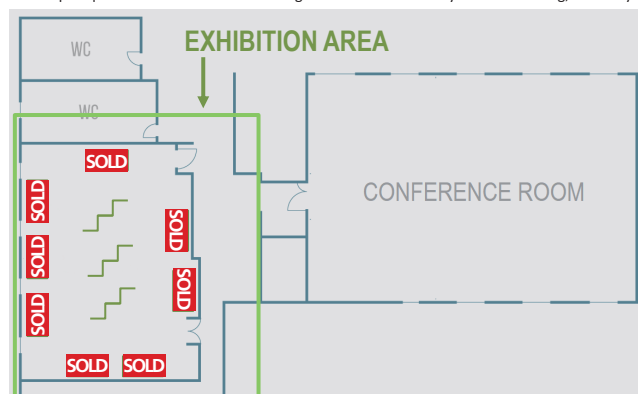
*Programme subjected to be changed.*

## Sponsor



## Exhibition

Floorplan | 2nd Continuous manufacturing conference in February 2020 in Freiburg, Germany



Exhibition sold out.

Exhibitors:



## Our service for you



We provide transfers from the Stadthotel Freiburg to the Pfizer company plant.

If you have any further question please do not hesitate to contact the APV headquarter:



Martin Bornhöft  
Managing Director  
phone +49 61 31 97 69 30  
mail mb@apv-mainz.de

# Registration by fax +49 6131 97 69 69 or by email [apv@apv-mainz.de](mailto:apv@apv-mainz.de)



## Location

Stadthotel Freiburg  
Karlstraße 7  
79104 Freiburg, Germany  
phone 0049 761 3193 0

## Registration fee

Early bird until 30 November 2019  
Industry 1490 EUR  
Authority/University 745 EUR  
Students 230 EUR  
(free of VAT according to § 4,22 UStG)  
  
Rate from 01 Dezember 2019  
Industry 1590 EUR  
Authority/University 795 EUR  
Students 270 EUR  
(free of VAT according to § 4,22 UStG)  
  
Coffee breaks, luncheon, dinner and  
electronic proceedings included.  
  
\* Limited places for full time  
students available; written evidence  
must be submitted.

## Registration

APV-Geschäftsstelle  
Kurfürstenstraße 59  
55118 Mainz/Germany  
Phone: 0049 6131 97 69 0  
Fax: 0049 6131 97 69 69  
E-mail: [apv@apv-mainz.de](mailto:apv@apv-mainz.de)  
Web: [www.apv-mainz.de](http://www.apv-mainz.de)

You will receive a confirmation of  
your registration with the invoice.

I herewith repealable authorise  
the organizers to use my e-mail  
address to send me relevant material  
including current programme  
information. My acceptance can be  
cancelled at any time in writing.

## Hotelreservation

Stadthotel Freiburg  
Karlstraße 7  
79104 Freiburg, Germany  
phone 0049 761 3193 0  
Single room from 95 €/night incl.  
breakfast. Participants should make  
their own hotel reservation referring  
to the APV seminar.

INVITE Hotel Löwen Freiburg  
Kappler Str. 120  
79117 Freiburg, Germany  
phone 0049 761 89 186  
Single room from 89 €/night incl.  
breakfast. Participants should make  
their own hotel reservation referring  
to the APV seminar.

Conference rates valid until 06 Jan 2020.

## Date

Course No. 6794  
from 18 February 2020 09:00 h  
to 19 February 2020 17:00 h

## 2<sup>nd</sup> APV Continuous Manufacturing Conference, 18 to 19 February 2020, Freiburg, Germany, Course no.: 6794

### Registration

As soon as you have found a seminar of your interest,  
it is very easy to register for it via fax, e-mail or online.  
We will process your registration promptly and  
certainly are available for any questions that may arise.

### Registration confirmation

After your registration was successfully processed, you  
will receive a confirmation.

### Before the event

A few days before the event starts, you will receive  
important information about the seminar, such as  
time, date, addresses etc.

### After the event

You will receive a certificate confirming your  
participation. Furthermore, we would like to ask you  
to fill-in our evaluation sheet to make sure we get  
better every time.

### Follow-up

After the event, we are open to receive any suggestions  
and critique that might arise during the seminar and  
will certainly help you with further questions you may  
have.

## Declaration of consent in respect of data protection

☐ By registering for this seminar, I agree that  
the APV uses my data for the purpose of  
processing the order and provides me with all  
relevant information.

☐ I also agree that APV may contact me for the  
purpose of exchanging similar information by  
email or post.

Your data will not be shared with third parties. You  
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giving reasons.

All other information can be found in our privacy  
policy  
([www.apv-mainz.de/en/imprint/data-protection-statement/](http://www.apv-mainz.de/en/imprint/data-protection-statement/)).

Title, first name, last name \*

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Location

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E-mail-address participant \*

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International Association for Pharmaceutical Technology

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