10th Global
DDF Summit
Drug Delivery & Formulation
11 - 13 March 2019 | Berlin

Innovations in pharmaceutical development
Europe’s premier drug delivery and formulation event

Summit Brochure
“Great! Very interesting and highly diverse talks”
Benjamin Franzmann
Senior Technician, Boehringer Ingelheim

“Confirmation that DDF Summit is a great place for networking and learning what’s running in the Drug Delivery space”
Luigi Boltri
R&D Director, Adare Pharmaceuticals

“Very good mix – academia, pharma industry and technology providers. High quality presentations with relevant case studies. Good networking opportunity”
Olaf Queckenberg
Head of Chemical and Pharmaceutical Development, Bayer

“The DDF Summit is an important event worthy of being attended in the years to come!”
Danilo Aleo
Head of Drug Development, Medivis
The perfect mix. The DDF Summit brings together leading formulation development and drug delivery scientists from both industry and academia to share and discuss their latest work.

Quality content. The agenda is packed with carefully selected talks on topics as diverse as the challenges you face.

Invaluable networking. The DDF community is open, friendly and represents an incredibly valuable network of scientists working at the forefront of their field. There is ample networking time built in to help you make and strengthen connections.

Tailor your experience. 4 parallel streams give you the chance to personalise your agenda and delve deep into the topics pertinent to your challenges. Choose from Small Molecules, Biologics, Technology & Innovation or Device Development.

The right size. This year the DDF Summit will be limited to just 500 people, in order to maintain the quality of the networking and comfort for participants. This means that there will only be 250 delegate tickets available. So, don’t waste time in getting yours.

Key themes for 2019 include:

• Analytical techniques for biotherapeutics
• mAb and bispecific formulation development
• Oral delivery of biologics and other routes
• Device development and next generation biotherapeutics
• Nanoparticle formulations
• Continuous manufacturing
• Integrating human factors into device development

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Stream Highlights: Biologics

How Next-Generation Biotherapeutics will Influence Formulation and Device Development
Kerstin Walke
Head of Pharmaceutical Development Biologicals
Boehringer Ingelheim

Analytical Techniques for Biopharmaceutical Evaluation
Marc-Antoine Fabre
Global Head Biopharmacy
Sanofi

Novels Tool for Peptide and Protein Conjugations
Thomas Hoeg-Jensen
Scientific Director
Novo Nordisk

Current Research on GLP-1 with a Special Focus on Semaglutide Oral Delivery
Jesper Lau
Vice President, Protein and Peptide Chemistry
Novo Nordisk

Fill & Finish of Bispecific MaBs
Stephanie Greco
Head of Laboratory in Pharmaceutical Engineering
Sanofi

Polysorbate Degradation: Implications and Control
Satya Krishna Kishore Ravuri,
Senior Group Leader, Early-Stage Pharmaceutical and Processing Development
Roche

Mind the Gap - How to Assure Data Integrity in a High-Throughput Formulation Screening for Biotherapeutics
Sabine Eichling
Senior Scientist II, NBE High Throughput and Advanced Formulation Sciences Drug Product Development
AbbVie

PS80 Oxidation Case Study: Any Impact on mAb Stability
Heloise Audat
Head of Late Stage Formulation Development Unit, Biologics
Sanofi

Bispecifics Drug Product Development; Challenge of Low Concentration Analysis and Formulation
Sachin Dubey
Head of Formulation and Analytical Development
Glenmark

Click here for the full agenda
Stream Highlights: **Small Molecules**

- **Future Trends in Pharmaceutical Development**  
  Olaf Queckenberg  
  Head of Chemical & Pharmaceutical Development  
  Bayer

- **Nanoparticle Formulation Development: A Closer look at Pharmaceutical Fabrication Methods**  
  Ben Van Hove  
  Associate Director Drug Product Development, Oral Solid Dosage Forms  
  Janssen

- **Advances in Supersaturating Drug Delivery Systems**  
  Prof Rainer Jordan  
  Professor of Macromolecular Chemistry  
  TU Dresden

- **Evaluation of Dry Powder Formulation Approaches for the Improvement of Lung Pharmacokinetics of Poorly Water-Soluble NCEs in Preclinical in-vivo Experiments**  
  Alessandro Fioni  
  DMPK Senior Scientist  
  Chiesi

- **Understanding Material Properties for HME Process Optimization in ASD Formulations**  
  Samuel Kyeremateng  
  NCE Formulation Sciences Senior Scientist  
  Abbvie

- **Application of New Drying Techniques for OSD**  
  Sune Andersen  
  Principal Scientist Spray Drying  
  Janssen

- **Control Strategy Approaches in Continuous Manufacturing of Oral Solid Dosage Forms**  
  Jacqueline Maximilien  
  Senior Scientist  
  Janssen

- **Overcoming Barriers of Acetylcholinesterase inhibitors for Alzheimer’s Disease**  
  Dr. Yogeshwar Bachhav  
  Associate Director Pharmaceutical Development  
  AiCuris Anti-infective Cures

Click here for the full agenda.

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Stream Highlights: **Technology & Innovation**

- **More Than Just Down-Scaling – Miniaturization of Methods in a High-Throughput Setting Requires Creative Concepts and Holistic Thinking**
  - Dr. Martin Hüelsmeyer
  - Head of HTS Operations & Analytics NBE Formulation Sciences, Principal Research Scientist
  - AbbVie

- **Penetrating the Blood Brain Barrier (BBB) Using Novel Nanoplatforms**
  - Johannes Khinast
  - Director
  - Research Center Pharmaceutical Engineering

- **Design, Translation and Development of Polymeric Nano-Medicines**
  - Harivardhan-Reddy Lakkireddy
  - Head of Drug Delivery Technologies & Innovation - Nanotechnologies
  - Sanofi

- **In vitro Models of the Blood Brain Barrier and Their Use in Drug Delivery Studies**
  - Birger Brodin
  - Faculty of Health and Medical Sciences Department of Pharmacy CNS Drug Delivery and Barrier Modelling
  - University of Copenhagen

Stream Highlights: **Device Development**

- **Roadmap of Lifecycle Management for a Rare Disease Designated Combination Product**
  - Steve Bowman
  - Device Program Lead
  - Shire

- **Drug Devices for Innovative Parenterals and Biosimilars: Patient-Centered Technical and Business Opportunities**
  - Corinna Sonderegger
  - Head Portfolio Management Device Development & Commercialization
  - Novartis

- **Human Factors Engineering for Medical Device Development**
  - Rémy Vomscheid
  - Director, Device Development & Technologies
  - Ipsen

- **Benefits of Early Integration of Human Factors: A BYDUREON® BCise case study**
  - James Meehan
  - Associate Principal Scientist – Human Factors
  - AstraZeneca

[Click here for the full agenda]
Speakers

Advait Badkar
Senior Director
Pfizer

Alan S Harris
Senior VP, Global R&D Life Cycle Management
Ferring

Alessandro Fioni
DMPK Senior Scientist
Chiesi

Anacelia Ríos Quiroz
Scientist - Group Leader Particle Lab Biologics
Roche

Anette Müllertz
Professor, Director of The Bioneer-FARMA Center
University of Copenhagen

Ben Van Hove
Associate Director Drug Product Development, Oral Solid Dosage Forms
Janssen

Birger Brodin
Faculty of Health and Medical Sciences
Department of Pharmacy CNS Drug Delivery and Barrier Modelling
University of Copenhagen

Christer Tannergren
Associate Principal Scientist in Biopharmaceutics
AstraZeneca

Corinna Sonderegger
Head Portfolio Management Device Development & Commercialization
Novartis

Daniel Latham
Head – Device Development & LCM Device Development & Commercialisation
Novartis

Dr. Elisabeth Kersten
Lab Head Early Formulation Development
Bayer

Gerhard Wenz
Professor
Saarland University

Harivardhan-Reddy Lakkireddy
Head of Drug Delivery Technologies & Innovation – Nanotechnologies
Sanofi

Heloise Audat
Head of Late Stage Formulation Development Unit, Biologics
Sanofi

Jacqueline Maximilien
Senior Scientist
Janssen

Jesper Lau
Vice President, Protein and Peptide Chemistry
Novo Nordisk

Johannes Khinast
Scientific Director
Research Center Pharmaceutical Engineering (RCPE)

Kerstin Walke
Head of Pharmaceutical Development Biologicals
Boehringer Ingelheim

Marc Du Jardin
Associate Director
Janssen

Marc-Antoine Fabre
Global Head Biopharmacy
Sanofi

Mark R.H. Krebs
Head of Formulation Development
Janssen

Dr. Martin Hüelsmeyer
Head of HTS Operations & Analytics
NBE Formulation Sciences, Principal Research Scientist
AbbVie

Michael Siedler
Head of NBE Formulation Development - NBE Formulation Sciences & Process Development
AbbVie
Speakers continued

Mostafa Nakach
Head of Pharmaceutical Engineering
Sanofi

Olaf Queckenberg
Head of Chemical & Pharmaceutical Development
Bayer

Patrick Garidel
Associate Director Protein Science
Boehringer Ingelheim

Prof Rainer Jordan
Professor of Macromolecular Chemistry
TU Dresden

Rémy Vomscheid
Director, Device Development & Technologies
Ipsen

Prof. Dr. Robert Luxenhofer
Chair of Chemical Technology of Materials Synthesis
Wuerzburg University

Sabine Eichling
Senior Scientist II, NBE High Throughput and Advanced Formulation Sciences Drug Product Development
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Sachin Dubey
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Glenmark

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Device Program Lead
Shire

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Senior Scientist
Abbvie

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Roche

Tim Rouse
Senior Scientist
Chiesi

Dr. Yogeshwar Bachhav
Associate Director Pharmaceutical Development
AiCuris Anti-infective Cures

Simon Bjerregaard
Senior Research Scientist
Ferring

Stephanie Greco
Head of laboratory in Pharmaceutical Engineering
Sanofi
Commercial Partners

If you’re interested in becoming an official partner for the DDF Summit, please contact
Alexandra Krcho
alexandra.krcho@markallengroup.com +44 (0) 203 874 9205.
Commercial Partners continued

- Halo Labs
  www.halolabs.com

- Losan Pharma
  www.losan-pharma.de

- Munit
  www.munit.com

- PMC Isochem
  www.pmcisochem.fr

- Tesa Labtec
  www.tesa-labtec.com

- Hovione
  www.hovione.com

- LTS Lohmann
  www.ltslohmann.de

- Oakwood Labs
  www.oakwoodlabs.com

- Quotient Sciences
  www.quotientsciences.com

- W.L. Gore & Associates
  www.gore.com/pharmbio

- leon-nanodrugs
  www.leon-nanodrugs.com

- MedPharm
  www.medpharm.com

- Pensatech Pharma
  www.pensatechpharma.com

- Roquette
  www.roquette.com

- LONZA
  www.lonza.com

- Merck KGaA
  www.merckgroup.com

- Pfanstiehl Inc.
  www.pfanstiehl.com

- Shin-Etsu Pharma & Food Materials Distribution
  www.se-pfmd.com
Who attends the DDF Summit?

The 2018 summit was the biggest to date with over 420 senior pharmaceutical development leaders joining us in Berlin for the 3 days. Here’s how they breakdown:

By job function:

- R&D: 27.1%
- Business Development: 15.1%
- Drug Development: 21.1%
- Formulation: 12.3%
- Technical: 4.4%
- Device Development: 4.1%
- Marketing: 2.7%
- CMC: 4.4%
- Quality: 3.6%
- Professor: 5.2%

By seniority:

- Scientist: 24.06%
- Director: 21.05%
- Manager: 20.80%
- Head: 12.28%
- Specialist: 5.76%
- VP: 3.26%
- C-Level: 2.51%
- Leader: 5.51%
- Principal Scientist / Engineer: 4.76%

By company type:

- Pharmaceuticals: 59.7%
- Delivery /Formulation Services: 31.3%
- Universities: 8.5%
Who attends the DDF Summit? continued

By country:

Top 10 countries:

1. Germany 24.8%
2. United Kingdom 11.8%
3. United States 9.3%
4. Switzerland 7.8%
5. France 6.8%
6. Belgium 5.8%
7. Denmark 5.3%
8. Italy 4.3%
9. Sweden 3.3%
10. Spain 3.0%

Other countries represented:
- Netherlands
- Finland
- Austria
- Portugal
- Israel
- Slovenia
- Ireland
- Canada
- Wales
- Jordan
- Greece
- Turkey
- Hungary
- Poland
- Czech Republic
- Brazil
- Scotland
- Malta
- China
- Japan
- Nigeria
- Norway
- South Korea
- Latvia

By investment priorities:

<table>
<thead>
<tr>
<th>Stability</th>
<th>Polymers</th>
<th>Bioavailability</th>
<th>Injection</th>
<th>Oral delivery</th>
<th>Excipients for injectables formulations</th>
<th>Extended release</th>
<th>Pre-formulation</th>
<th>Solubility</th>
<th>Excipients for solid dosage forms</th>
<th>formulations</th>
</tr>
</thead>
<tbody>
<tr>
<td>62.6%</td>
<td>54.5%</td>
<td>51.5%</td>
<td>50.5%</td>
<td>46.5%</td>
<td>46.5%</td>
<td>45.5%</td>
<td>44.5%</td>
<td>41.4%</td>
<td>37.4%</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Local Drug Delivery: Implants, Film, Fiber Shapes, etc.</th>
<th>36.4%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nanotechnology</td>
<td>36.4%</td>
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<tr>
<td>Innovative platforms</td>
<td>36.4%</td>
</tr>
<tr>
<td>Hot melt extrusion</td>
<td>34.3%</td>
</tr>
<tr>
<td>Dissolution</td>
<td>32.3%</td>
</tr>
<tr>
<td>Continuous manufacturing</td>
<td>32.3%</td>
</tr>
<tr>
<td>Laboratory equipment</td>
<td>31.2%</td>
</tr>
<tr>
<td>Excipients for semi-solids and liquids formulations</td>
<td>30.3%</td>
</tr>
<tr>
<td>Intellectual property</td>
<td>30.3%</td>
</tr>
<tr>
<td>Spray drying</td>
<td>28.3%</td>
</tr>
</tbody>
</table>

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How to register

**Delegate registration** is open to companies with a drug development pipeline or proprietary drugs in the market and academic / non-profit / government institutions.

If you work for a **technology, service or solution provider** then you can only attend as a commercial partner. Please go to the next page for more information.

**A delegate ticket includes:**

- Access to all presentations on all 3 days
- Access to exhibition hall
- Potential for 2 pre-arranged 1-2-1 meetings with suppliers most likely to solve your challenges
- A light breakfast, full buffet lunch and refreshments on all 3 days
- 2 evening drinks receptions with canapes
- A discounted room rate at the venue hotel
- Access to all presentations made available by speakers after the summit
- Opportunity to submit a poster to the poster competition
- Access to the official summit app

**Prices:**

**Super Early Bird Price:** £895 + VAT (until Friday 30th November)

**Full Price:** £1,495 + VAT

In order to maintain a comfortable and valuable networking experience, this year the summit will be limited to **500 attendees**. This means there are only **250 delegate places available** to purchase.

**To register, please**

Visit: [www.ddfevent.com/delegate-registration](http://www.ddfevent.com/delegate-registration)

Email: maxconferences@markallengroup.com

Call: +44 (0) 207 738 5454
Become a Commercial Partner

As an official DDF Summit commercial partner, you can benefit from:

- **3 days of varied networking opportunities** - providing you with ample time to meet and get to know the 300+ pharma development leaders in attendance
- **Speaking positions within targeted, highly technical streams** - guaranteeing you a relevant and engaged audience
- **Exposure** in the pre- and post-summit marketing campaigns
- The chance for your team to get up to speed with the **latest innovations** and **advances** in drug delivery and formulation

There are a variety of options available to meet your business needs:

**Business Development Package** – a powerful injection of high quality leads into your pipeline

**Thought Leadership Package** – Intrigue, challenge and inspire with your innovative ideas and solutions

**Bespoke Package** – Tailored to suit your targets, goals and vision

Contact Alexandra for more information on the remaining opportunities.

Alexandra Krcho, Account Director  
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Venue

**Maritim proArte Hotel Berlin**
Friedrichstrasse 151
10117 Berlin
Germany

+49 30 20 335

Website

Accommodation

This is not included in your delegate ticket. You will need to arrange your own accommodation. However, we have arranged a discounted rate for all attendees at the Maritim proArte – more information is available [here](#).

Contact us

If you’d like to speak to us about anything at all then please use the details below:

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