



- ▶ 12+ Program Hours
- ▶ WORKSHOP
- ▶ Networking
- ▶ Panel Discussions | Q & A
- ▶ Video Recording



**3rd Annual**

# **PHARMACEUTICAL LYOPHILIZATION SUMMIT 2021**

**29-30 July 2021**

● **VIRTUAL CONFERENCE**

12:00 - 19:00 CEST (Prague - UTC/GMT +2 hours)





**Michael Dekner**  
Innovation & External Collaborations  
Takeda, AT



**Mostafa Nakach**  
Head of formulation and process  
development section within  
Biologics drug product development  
Sanofi R&D, FR



**Dr. Andrea Weiland-Waibel**  
Managing Director  
Explicat Pharma GmbH, DE



**Diego Zurbruggen**  
Technical Account Manager  
West Pharmaceutical Services, USA



**Dr. Mattia Cassanelli**  
Technical Manager – Consultancy  
Biopharma Group, UK



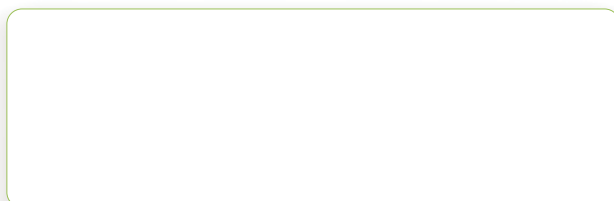
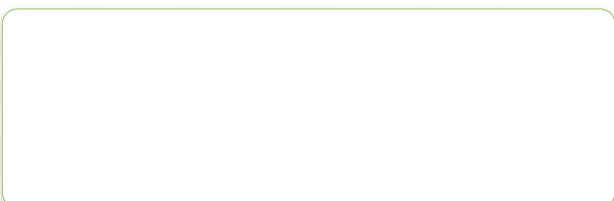
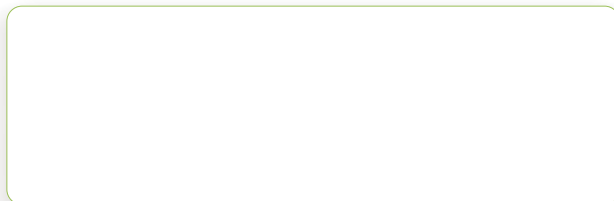
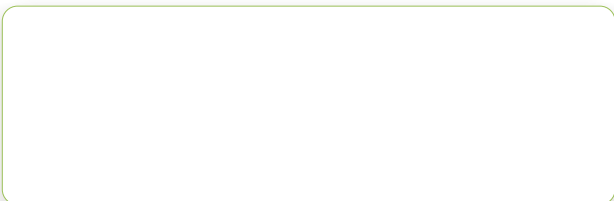
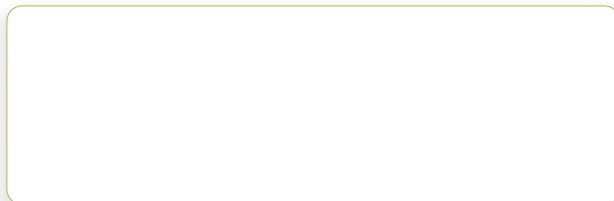
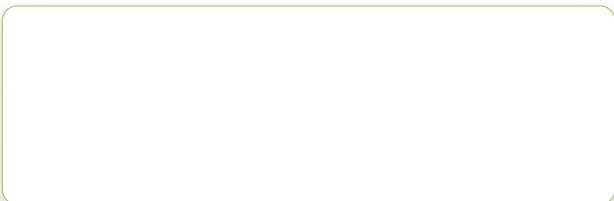
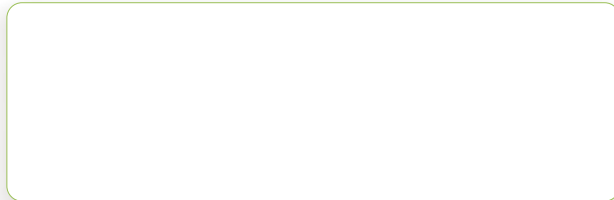
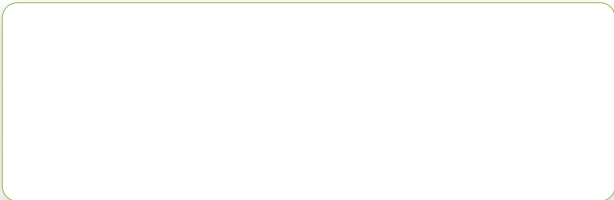
**Ian Blackham**  
Business Development Executive –  
Instruments  
Biopharma Group, UK



**Dr. Simon Kervyn**  
Manager Materials Development  
Datwyler Pharma Packaging  
International NV, BE



**Georg Frinke, Dipl.-Ing. (FH)**  
Senior Manager Engineering  
Ferring GmbH, DE



## SNAPSHOT OF ATTENDEES - VIRTUAL 2nd Annual Extractables & Leachables Conference 2020:

3P Biopharmaceuticals, ES - Abbott Healthcare Products B.V., NL - Abbvie Deutschland GmbH & Co. KG, DE - Accord-UK Ltd, UK - Advent Consulting Canada, CA - ALK, DK - Alkermes Pharma Ireland Limited, IE - Alphamed Formulations PVT LTD, IN - Apotex Research Pvt Ltd., IN - Aspen Holdings, ZA - Aspen Pharmacare, ZA - B.Braun medical SA, CH - Bavarian Nordic, DK - Becton Dickinson, CN - Becton Dickinson, FR - Biogen, USA - Boston Analytical, USA - Claudia Cusa, d.i., IT - CSL Behring AG, CH - Datwyler Pharma Packaging International NV, BE - DuPont, USA - DuPont-Asahi Flash Spun Products, JP - EirGen Pharma, IE - Eli Lilly and Company, USA - EMS SA, CH - Eurofins Analytical Science Laboratories, Inc., JP - Fujifilm Diosynth Biotechnologies, UK - GSK, US - GSK Vaccines, BE - Hall Analytical, UK - Hemofarm AD, RS - HTL-Strefa S.A., PL - Intertek (Schweiz) AG, CH - Janssen, USA - Kora Healthcare, IE - LEO Pharma, IE - Maven E&L Ltd, UK - Medline Industries, USA - Merck KGaA, DE - MilliporeSigma a business of Merck KGaA, USA - Novartis, CH - Novartis Pharma Stein AG, CH - NOVAVAX CZ a.s., CZ - Orexo AB, SE - Orion Corporation - FI, Philips, NL - Polifarma İlaç San. ve Tic. A.Ş., TR - PPD, IE - Rentschler Biopharma SE, DE - Safetree Consulting e.U., AT - Sandoz Manufacturing Inc., CA - Sanofi, FR - Sanofi, DE - Sanofi Pasteur, CA - Sartorius Stedim Biotech GmbH, DE - SCHOTT AG, DE - SCIEX, UK - Selvita S.A., PL - Septodont, FR - SGS, CN-TW - SGS Institut Fresenius GmbH, DE - Solvias AG, CH - Sthree, BE - Swedish Biomimetics 3000 Ltd, UK - Takeda Pharmaceuticals, USA - Vet-Agro Sp. z o.o., PL - West Pharmaceutical Services, USA - Wockhardt Ltd, IN - and others.

Agenda: <https://qepler.com/agendas/agenda-2nd-extractables-and-leachables-20.pdf>

## SNAPSHOT OF ATTENDEES - 2nd Annual Pharmaceutical Lyophilization Summit 2020:

Allergan - Aptar Pharma - AZBIL TELSTAR TECHNOLOGIES SLU - Baxalta Manufacturing Särl - Bayer AG - BB-NCIPD Ltd. - Biopharma Process Systems Ltd - BLAC-BioPharma UG - Boehringer Ingelheim - Datwyler Pharma Packaging International NV - De Montfort University - DendroPharm GmbH - Elm o Sanat University - Freie Universität Berlin - Ghent University - INDICAL BIOSCIENCE GmbH - Janssen - KSHM-Rezonanca - Lek Pharmaceuticals d.d. - Lonza AG - Martin Christ Gefriertrocknungsanlagen GmbH - Masaryk University - MSD - MSD International - Novartis Global Drug Development / Technical Research & Development - Pensatech Pharma - Pfeiffer Vacuum GmbH - Pfizer - PharmaCept GmbH - Polpharma SA - Rhine Waal University - Sanofi - SCHOTT AG - Shire Austria GmbH now part of Takeda - Surface Measurement Systems Ltd. - Takeda - Tempris GmbH - VLB Berlin - West Pharmaceutical Services Deutschland GmbH & Co KG and others.

Agenda: <https://qepler.com/agendas/pharmaceutical-lyophilization-summit-2020.pdf>

## POSITIONS

- ▶ C-Level, Presidents, Chairs, Members of the Board & VPs
- ▶ Vice presidents, Directors, & Heads
- ▶ Leaders & Managers
- ▶ Principals, Engineers, Analysts & Scientists
- ▶ Instructors & Trainers & Teachers
- ▶ Advisors, Coordinators, Auditors & Consultants
- ▶ Other Professionals, Experts & Specialists

## DIVISIONS

- ▶ Lyophilization
- ▶ Pharmaceutical Manufacturing, Engineering & New Technologies
- ▶ Laboratory Management
- ▶ R&D
- ▶ Formulation
- ▶ Containment
- ▶ Pharmaceutical & Processing Development
- ▶ Process Design, Technology, Analytics, Testing, Monitoring & Control
- ▶ Aseptic Production, Cleaning & Sterilisation
- ▶ Bioprocessing
- ▶ QA/QC
- ▶ Characterisation
- ▶ Regulatory Affairs
- ▶ Stability
- ▶ Standardisation
- ▶ Qualification & Validation
- ▶ Scale-up & Technology Transfer
- ▶ Cycle Management
- ▶ Facility & Site Design & Management
- ▶ PAT, QbD
- ▶ Media Fills
- ▶ Visual Inspection
- ▶ Filling & Materials
- ▶ Materials Development
- ▶ Container Development & Container Closures
- ▶ Vials, Stoppers & Dual Chamber Systems
- ▶ Devices & Application Systems
- ▶ Product Development & Control
- ▶ Parenteral Production
- ▶ Injection Systems
- ▶ Vaccines
- ▶ Corporate & Business Development
- ▶ External Supply
- ▶ Sales & Marketing
- ▶ Outsourcing
- ▶ Partnerships & Alliances
- ▶ Strategic Development
- ▶ Other

## INDUSTRIES

- ▶ Pharmaceutical
- ▶ Biotechnology
- ▶ Chemical
- ▶ Medical Devices
- ▶ CDMOs
- ▶ CMOs
- ▶ CROs
- ▶ NOPS
- ▶ Regulatory Agencies
- ▶ Bioprocessing services and equipment
- ▶ Equipment suppliers
- ▶ Training providers
- ▶ Other



## PROPOSED TOPICS

- ▶ Latest regulatory updates in lyophilisation. Preparation for the regulatory review and inspection.
- Regulatory considerations.
- ▶ Lyophilisation and critical quality attributes and process parameters: analysis, testing, validation and regulatory implementation.
  - ▶ Media fills and regulations.
  - ▶ Sterilization in place requirements and considerations.
  - ▶ Fundamentals of lyophilization. Different phases of a lyophilization process.
- Practical example of the lyophilization use in pharmaceutical production.
- ▶ Lyophilisation process development. Process optimisation, monitoring, and control.
- Model-based process engineering.
- ▶ Lyophilization cycle development, optimisation and improvement: real practical examples.
  - ▶ Application of a risk-based approach to lyophilization process.
  - ▶ Primary packaging for lyophilization.
  - ▶ Scale-up development and validation of lyophilization processes.
  - ▶ Technology transfer from one lyophilization model to another. Predictive models of lyophilization Process.
  - ▶ Media Fill design. Validation of lyoprocess. Requirements. Current trends.
  - ▶ QbD and PAT approaches. Space design for lyophilization.
- QbD aspects and determination of critical process parameters.
- ▶ Continuous freeze drying.
  - ▶ Strategies for GTIs analysis.
  - ▶ Lyophilizer in aseptic production.
  - ▶ Innovations in formulation development.
  - ▶ Lyophilized formulation: prediction and optimization of stability.
  - ▶ Secondary drying and residual moisture monitoring.
  - ▶ IPressure and video monitoring.
  - ▶ Freeze drying of novel products: mAbs, bacterial, viral or gene therapy-based products.
- Challenges in cycle development. New excipients.
- ▶ Lyophilization of high potent and sensitive biological material. Critical limits evaluation.
- Cleaning validation. Containment.
- ▶ New Developments in materials and devices. Advanced vials and novel vial identification approaches.
  - ▶ Lyophilisation in dual chamber cartridges. Process challenges, design and control.
  - ▶ Automatic loading and unloading technologies and robotics. Reasonable limits of automation.
- Upgrading possibilities.
- ▶ Controlled nucleation techniques. Recent developments. Challenges. Experimental and stability data.
- Impact on quality and stability of lyophilized biologics.
- ▶ Vacuum-induced surface freezing.
  - ▶ Wireless Technologies. Wireless multipoint temperature sensors for lyophilization monitoring.
  - ▶ Atmospheric spray freeze drying.
  - ▶ Green technology and environmental considerations.
  - ▶ Other new innovations in lyophilization applications.



## July 29 | 1<sup>st</sup> DAY

Central European Time (CEST, Prague, UTC/GMT +2 hour)

12:00 - 12:20

 Registration

12:20 - 12:30

 Opening Address from the Chairman

12:30 - 13:00

A 2020 hindsight look at how COVID-19 has affected the freeze drying industry and what we have learned from it.



Dr. Mattia Cassanelli | Technical Manager – Consultancy  
Biopharma Group, UK



13:00 - 13:10

 Q & A

13:10 - 13:40

Freeze drying-Scaling up



Mostafa Nakach | Head of formulation and process development section  
within Biologics drug product development | Sanofi R&D, FR



13:40 - 13:50

 Q & A

13:50 - 14:00

 Break

14:00 - 14:30

Aseptic Process Simulation for Lyophilization – Best Practice, an Industry Opinion



Michael Dekner | Innovation & External Collaborations  
Takeda, AT



14:30 - 14:40

 Q & A

14:40 - 15:10

Case Study #4

15:10 - 15:20

 Q & A



**July 29 | 1<sup>st</sup> DAY**

Central European Time (CEST, Prague, UTC/GMT +2 hour)

15:20 - 15:50

Sponsorship presentation

**SPONSOR**

15:50 - 16:00

 Q & A

16:00 - 16:10

 Break

16:10 - 16:40

Case Study #5

16:40 - 16:50

 Q & A

16:50 - 17:20

Case Study #6

17:20 - 17:30

 Q & A

17:30 - 18:30

Panel discussion

18:30 - 18:40

 Closing remarks and end of Day 1



## July 30 | 2<sup>nd</sup> DAY

Central European Time (CEST, Prague, UTC/GMT +2 hour)

12:00 - 12:20

Registration

12:20 - 12:30

Opening Address from the Chairman

12:30 - 13:00

Case Study #1

13:00 - 13:10

Q & A

13:10 - 13:40

Sponsorship presentation

**SPONSOR**

13:40 - 13:50

Q & A

13:50 - 14:00

Break

14:00 - 15:00

**WORKSHOP:** Role and measurement of mechanical properties in lyobeads technology.



Ian Blackham | Business Development Executive – Instruments  
Dr. Mattia Cassanelli | Technical Manager – Consultancy  
**Biopharma Group, UK**



15:00 - 15:10

Q & A



**July 30 | 2<sup>nd</sup> DAY**

Central European Time (CEST, Prague, UTC/GMT +2 hour)

15:10 - 15:40

Sponsorship presentation

**SPONSOR**

15:10 - 15:20

Q & A

16:00 - 16:10

Break

16:10 - 16:40

Case Study #2

16:40 - 16:50

Q & A

16:50 - 17:20

Case Study #3

17:20 - 17:30

Q & A

17:30 - 18:00

Case Study #4

18:00 - 18:10

Q & A

18:10 - 18:20

Closing remarks and end of summit





## SPEAKER'S BIOGRAPHIES



**Dr. Mattia Cassanelli**  
Technical Manager – Consultancy  
Biopharma Group, UK



**Michael Dekner**  
Innovation & External  
Collaborations  
Takeda, AT



**Dr. Simon Kervyn**  
Manager Materials Development  
Datwyler Pharma Packaging  
International NV, BE



**Georg Frinke**  
Senior Manager Engineering  
Ferring GmbH, DE

Mattia joined Biopharma Group in February 2018 and he currently works as a Technical Manager of the Consultancy Division, providing support through desktop study, cycle audit, characterisation of the material pre- and post- process, formulation development, optimisation of the freeze drying cycle and tech transfer/scale-up.

Mattia's background includes a PhD focussed on drying mechanisms of hydrocolloids in the food industry from a microstructural point of view at the University of Birmingham.

He also gained a Master's Degree in material engineering, and a Bachelor's Degree in industrial engineering completed at the University of Trento, Italy.

10/2017 – present: Head Fill&Finish Life Cycle Management support. Leading a team of senior manufacturing scientists responsible for process monitoring, technical product stewardship and process development, audit support, knowledge brokers, risk management (QbD) and linking to industrial and academic networks.

04/2015 – 10/2017: Shire (Baxalta), Innovation Manager, Lead Enhanced Process Control establishing innovation management process, communication, development of technology strategy and roadmap for real time release, technology scouting, linking to industrial and academic networks.

02/2014 – present: Lecturer for University of applied sciences Campus Wien, Downstream Processing - Lyophilization.

10/2011 – 04/2015: Baxter Bioscience AG, Supervisor Lyophilization and Crimping LA24B, aseptic processing, lyophilization, crimping, material flow, trouble shooting and maintenance, change management, NCR, leading 26 FTEs, coordination of an internal community of practice (Lyophilization), SME in projects on lyophilization and crimping, presenting at audits (FDA, ...), continuous improvement.

06/2006 – 09/2011: f-star Biotechnologische Forschungs und Entwicklungs Ges.m.b.H; Scientist - screening, selection, expression and purification of binding antibody fragments, cell culture, protein engineering, immunology, analytics, microbial cultivation, cell sorting, molecular biology, fire safety, biological safety.

04/2006 - 05/2006: University of Natural Resources and Life Sciences, Vienna / Department of Biotechnology, Scientist - strain improvement

09/2004 - 03/2006: Biomin Gesunde Tierernährung International Ges.m.b.H, Scientist - enzyme production, fluidized bed coating, large scale cell cultivation, enzyme analytics, scientific support of master students

05/2004 - 05/2006: Lecturer for University of applied sciences Wiener Neustadt / Tulln, Biotechnology and Applied Microbiology.

Simon Kervyn graduated as a PhD in organic chemistry and materials from the University of Namur, Belgium in 2012. After research stays at National Institute of Materials Sciences in Tokyo and at UCLA, Los Angeles, he worked at the Coatings Research Institute in Belgium.

He is now working for Datwyler as manager materials development. In this position he performs customer's dedicated research to optimize the selection of rubber components to their applications. Furthermore, he works on the development of coated products for the Datwyler portfolio.

Georg holds an Engineering degree (Technical University/Cologne). He works as facility & process engineer at Bayer Pharma and with responsibility responsible for the technical operation of the parenteral facility. Previously, he worked as Process Engineer for Optima (Klee) and GEA Lyophil / Steris. Among others, he is specialized in the development of customized Freeze-Drying processes (particularly upscaling with PAT) and in the qualification (FAT, SAT, IQ, OQ, PQ) of pharmaceutical freeze dryers.

**SUMMIT NAME:** VIRTUAL - 3rd Annual Pharmaceutical Lyophilization Summit 2021

**REGISTRATION DATE:** \_\_\_\_\_

PACKAGE NAME	Standard price
Individual ticket - 1 <sup>st</sup> Day (29 <sup>th</sup> July 2021) - (*includes 1 <sup>st</sup> Day's post-event conference materials distribution)	€195
Individual ticket - 2 <sup>nd</sup> Day (30 <sup>th</sup> July 2021) - (*includes 2 <sup>nd</sup> Day's post-event conference materials distribution)	€195
Individual ticket - 2 Days - (*includes complete post-event conference materials distribution)	€295
Group ticket - 2 Days (*2-3 delegates) - (*includes complete post-event conference materials distribution)	€215
Group ticket - 2 Days (*4+ delegates) - (*includes complete post-event conference materials distribution)	€145
Documentation package - (*if you have no plans to join the live conference)	€495
Promotional materials distribution	€445
SPEAKER SPONSOR - €995	PARTNER SPONSOR - €1295
	GOLD SPONSOR - €1695

**CONFERENCE MATERIALS:**

All participation tickets, already contains complete conference materials distribution package, including - slides, list of participants, stream and video recording. You don't need to order an additional «Documentation Packages». Documentation package will be sent to the attendees within 72 hours after the event. The presentation content is subject to speaker's companies approval for distribution.

ATTENDEE DETAILS	1 <sup>ST</sup> ATTENDEE	2 <sup>ND</sup> ATTENDEE	3 <sup>RD</sup> ATTENDEE	4 <sup>TH</sup> ATTENDEE	5 <sup>TH</sup> ATTENDEE	6 <sup>TH</sup> ATTENDEE
Title:						
Name:						
Surname:						
Company:						
Country:						
Job Title:						
Direct phone:						
Email:						
Special Requirements: (If you have any special dietary requirements or other needs that would enhance your enjoyment of this summit, please specify)						

**INVOICE DETAILS:**

Title: \_\_\_\_\_ Name: \_\_\_\_\_ Surname: \_\_\_\_\_

Job Title: \_\_\_\_\_

Direct Phone: \_\_\_\_\_ Mobile: \_\_\_\_\_ Email: \_\_\_\_\_

Company: \_\_\_\_\_ Country: \_\_\_\_\_ City: \_\_\_\_\_ EU VAT #: \_\_\_\_\_

Address: \_\_\_\_\_ Postcode: \_\_\_\_\_

**Payment Method:**

Bank Transfer

Credit Card

Pay Pall

**TERMS & CONDITIONS:**

**REGISTRATION & PAYMENT**

Upon receiving the signed registration form, we will process your application. The registration confirmation and the invoice will be sent to you within one (1) working day with the relevant payment instructions and terms. The registration fee includes access to all sessions and conference materials. Payment is due 14 working days from the invoice date. Payment should be made by Credit Card, Pay Pall or by Bank Transfer. The delegate is responsible for any bank charges/fees associated with the payment.

**CANCELLATION & SUBSTITUTION POLICY**

You may substitute a delegate at any time and at no extra cost. Cancellations must be in a written notice. Cancellations made 30 days or more before the event start date will be refunded less than 50% of the registration fee. Cancellations made less than 30 days before the event start date will receive no refund. If you cannot attend an event due to illness or other unforeseen circumstances, you may transfer your delegate pass to another upcoming event within one year from original event start date.

**EVENT CHANGES & CANCELLATIONS**

While all effort will be made to adhere to the advertised package, Qepler s.r.o. reserves the right to change event dates, sites or location, omit event features, or merge the event with another event as it deems necessary without penalty. In such situations no refunds, part refunds or alternative offers will be made. In the event that Qepler s.r.o. permanently cancels the event for any reason, and provided that the event is not postponed to a later date nor is merged with another event, you will receive a credit note or refund for 100% of the conference fee paid. Please note, Qepler s.r.o. will not be held liable for any accommodation or associated travel costs should the event be canceled or rescheduled.

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The personal information provided by you will be held in the Qepler database. It may be used to inform you about other Qepler products and services. Unless you click here \_\_\_\_\_, your details may be made available to third parties for marketing purposes. For data update please write to [databasemanager@qepler.com](mailto:databasemanager@qepler.com).

**Signature:**

«I agree to be bound by Terms and Conditions of registration»



## ONLINE PACKAGES:

If you are unable to attend, you may purchase these packages

PACKAGE NAME	PRICE
<b>DOCUMENTATION</b> (*if you have no plans to join the live conference) Post-event presentations with video records, list of participants and other materials. The presentation content is subject to speaker's companies approval for distribution.	€495
<b>PROMOTIONAL MATERIALS DISTRIBUTION</b> Distribution of your company's promotional materials to all attendees	€445

## SPONSORSHIP PACKAGES:

BENEFITS	SPEAKER €995	PARTNER €1295	GOLD €1695
Number of passes included	1	2	3
Registration fee for additional company representatives	€195	€145	€95
Link to Landing Page/Video Presentation through the live event translation.		•	•
Link to Virtual Exhibition Page through the live event translation.			•
Opening keynote presentation			15 min
Speaking slot	20 min	30 min	30 min
Workshop slot			40 min
Recognition in chairman's opening address		•	•
Opening & closing speech			•
Chairman of Day 1			•
Chairman of Day 2		•	
Logo and URL on summit website, agenda and pre/post-summit communication activities	•	•	•
Recognition on Qepler social media channels (LinkedIn/Facebook/Twitter/Instagram)	•	•	•
Color advert placed on agenda		1/2 Page	1 Page
Online distribution of your company's promotional materials to all attendees		•	•

## MARKETING CAMPAIGN

► Website ► Email Marketing ► Digital Advertising ► Social Marketing ► Press ► Direct Sales

## PARTICIPATION FEE

Fees are inclusive of the complete summit materials, online post-event documentation/presentation package, list of participants, video records, and certificate of participation.

## TRANSLATION

The event translation link will be announced online and sent to the delegates within a reasonable period before the summit start date.

## POST-EVENT DOCUMENTATION

Presentations and other materials will be sent to the attendees within 72 hours after the event. The presentation content is subject to speaker's companies approval for distribution.

## DISCOUNTS

Early booking discounts are not valid in conjunction with any other offers.

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 INHALATION - ASEPTIC PROCESSING - MDR - CMC - QRM - PFS - DDC - EM

- |   |   |
|---|---|
| <p><b>Highly Potent APIs Webinar Day</b> ..... June 25, 2021</p> <ul style="list-style-type: none"> <li>• VIRTUAL</li> </ul> <p>Enhance expertise sharing in developing pre-filled syringes and provide attendees with ample networking opportunities.<br/> <a href="https://qepler.com/pdf/vhpapi21.pdf">https://qepler.com/pdf/vhpapi21.pdf</a><br/> <b>REGISTRATION IS OPEN</b></p>  | <p><a href="#">AGENDA</a> <a href="#">WEB</a></p> |
| <p><b>Medical Device Regulations Summit</b> ..... July 8-9, 2021</p> <ul style="list-style-type: none"> <li>• VIRTUAL CONFERENCE</li> </ul> <p>Exploring EU MDR and IVDR updates and preparing company for new requirements implementation.<br/> <a href="https://qepler.com/pdf/vmldr21.pdf">https://qepler.com/pdf/vmldr21.pdf</a><br/> <b>REGISTRATION IS OPEN</b></p>   | <p><a href="#">AGENDA</a> <a href="#">WEB</a></p> |
| <p><b>2<sup>nd</sup> Genotoxic Impurities in Pharmaceuticals Summit</b> ..... July 15-16, 2021</p> <ul style="list-style-type: none"> <li>• VIRTUAL CONFERENCE</li> </ul> <p>GTI strategies &amp; new methodologies: analysis, in silico &amp; regulations. Challenges &amp; opportunities.<br/> <a href="https://qepler.com/pdf/v2gti21.pdf">https://qepler.com/pdf/v2gti21.pdf</a><br/> <b>REGISTRATION IS OPEN</b></p>             | <p><a href="#">AGENDA</a> <a href="#">WEB</a></p> |
| <p><b>3<sup>rd</sup> Annual Pharmaceutical Lyophilization Summit</b> ..... July 29-30, 2021</p> <ul style="list-style-type: none"> <li>• VIRTUAL CONFERENCE</li> </ul> <p>Discuss best practices in tech &amp; regulatory updates, process, formulation, testing, monitoring, new products development.<br/> <a href="https://qepler.com/pdf/v3lyo21.pdf">https://qepler.com/pdf/v3lyo21.pdf</a><br/> <b>REGISTRATION IS OPEN</b></p> | <p><a href="#">AGENDA</a> <a href="#">WEB</a></p> |
| <p><b>2<sup>nd</sup> Annual Inhaled Drug Delivery Summit</b> ..... August 5-6, 2021</p> <ul style="list-style-type: none"> <li>• VIRTUAL CONFERENCE</li> </ul> <p>Assess and harness novel approaches to the development of inhaled drug products for enhanced patient care.<br/> <a href="https://qepler.com/pdf/v2idd21.pdf">https://qepler.com/pdf/v2idd21.pdf</a><br/> <b>REGISTRATION IS OPEN</b></p>                            | <p><a href="#">AGENDA</a> <a href="#">WEB</a></p> |
| <p><b>3<sup>rd</sup> Annual Highly Potent APIs Summit</b> ..... October 7-8, 2021</p> <ul style="list-style-type: none"> <li>• VIRTUAL CONFERENCE</li> </ul> <p>Assess and reduce manufacturing and handling challenges for highly potent active pharmaceutical ingredients.<br/> <a href="https://qepler.com/pdf/v3hpapi21.pdf">https://qepler.com/pdf/v3hpapi21.pdf</a><br/> <b>REGISTRATION IS OPEN</b></p>                        | <p><a href="#">AGENDA</a> <a href="#">WEB</a></p> |
| <p><b>3<sup>rd</sup> Annual Extractables &amp; Leachables Summit</b> ..... October 20-21, 2021</p> <ul style="list-style-type: none"> <li>• VIRTUAL CONFERENCE</li> </ul> <p>Get the latest updates in regulation, analytical testing, risk &amp; safety assessment, biocompatibility.<br/> <a href="https://qepler.com/pdf/v3el21.pdf">https://qepler.com/pdf/v3el21.pdf</a><br/> <b>REGISTRATION IS OPEN</b></p>                    | <p><a href="#">AGENDA</a> <a href="#">WEB</a></p> |
| <p><b>3<sup>rd</sup> Annual Drug/Device Combination Products Summit</b> ..... December 2-3, 2021</p> <ul style="list-style-type: none"> <li>• VIRTUAL CONFERENCE</li> </ul> <p>Get up to date with the regulatory and quality compliance strategies for combination product development.<br/> <a href="https://qepler.com/pdf/v3ddcp21.pdf">https://qepler.com/pdf/v3ddcp21.pdf</a><br/> <b>REGISTRATION IS OPEN</b></p>              | <p><a href="#">AGENDA</a> <a href="#">WEB</a></p> |



## CONTACTS

Please send your session title and summit name to:



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