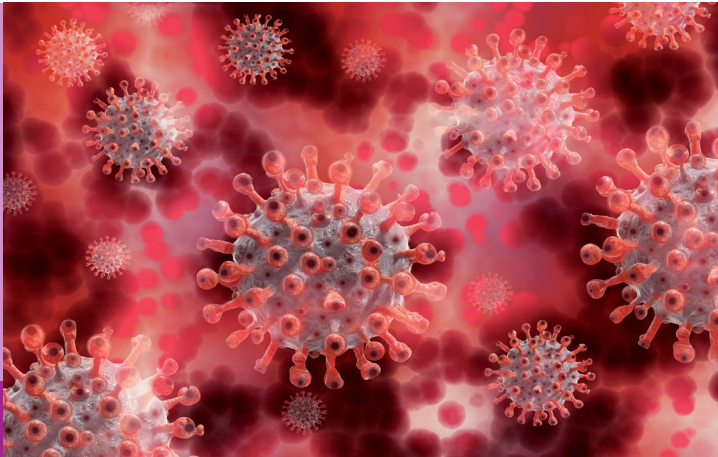


The importance of Drug Delivery in the combat of COVID-19



09 February 2021
Online Seminar

Course no. 6846

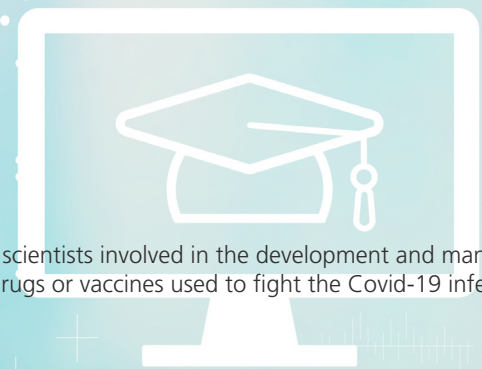


Research and Development

Target group

The course is designed for all scientists involved in the development and manufacture of drug delivery systems for drugs or vaccines used to fight the Covid-19 infection.

ONLINE SEMINAR





Objectivs

The event wants to highlight which enabling impact innovative drug delivery technologies have on the effectiveness and the applicability of APIs or vaccines in the fight against Covid-19 infection. One focus is given to different vaccines types and their requirements and options for delivery. Opportunities and challenges of the lipid nanoparticle technology for vaccine delivery will be shown.

Furthermore, a critical consideration of stability and cold chain supply requirements for mRNA and vector-based vaccines will be presented.

As another way of administration technologies enabling inhaled therapies will be introduced.

Moderator



Peter van Hoogevest
Head Scientific Department, Lipoid GmbH

Peter van Hoogevest, is a pharmacist by training (Utrecht University in The Netherlands), who got his PhD degree in biochemistry 1984 at the Utrecht University in The Netherlands. In 1994 he received the degree of Privat Dozent (adjunct professor) in pharmacy at the University of Basel, Switzerland.

His industrial career started at the Biovet Group of the Animal Health Division of Ciba-Geigy Ltd. (Basel) in 1984. Shortly thereafter he obtained a position at the Novel Dosage Form Department of Pharmaceutical Development of the Pharmaceuticals Division of Ciba-Geigy Ltd. After having several positions at this department at Ciba Ltd. and Novartis Ltd. he founded in 1998 together with colleagues of the Pharmaceutical Development Department and reputed industrial managers and scientists the company ADD Advanced Drug Delivery Technologies (Muttentz, CH) and became CEO of this company and was member of the Board of Directors. In 2000 he joined Phares Drug Delivery AG (Muttentz, CH), a company specialized in the delivery of poorly water soluble drug substances, as Managing Director and COO and member of the Board of Directors. Since 2012 he is Managing Director of the Phospholipid Research Center, Heidelberg and Head of the Scientific Department (including the Development Department) of Lipoid GmbH, Ludwigshafen am Rhein, Germany.

Programme

Tuesday, 09 February 2021, 13:00 - 18:30 h (CET)

Welcome address

Peter van Hoogevest, PhD, Head Scientific Department, Lipoid GmbH

Our only hope: Vaccines, an introduction.

Professor Gerrit Borchard PharmD, PhD, Section of Pharmaceutical Sciences, Institute of Pharmaceutical Sciences of Western Switzerland – ISPSO, University of Geneva, Switzerland

Addressing the cold reality of mRNA and viral vector based COVID-19 vaccine stability.

Professor Daan Crommelin, PhD, Emeritus Professor of Pharmaceutics University of Utrecht, Netherlands

Lipid nanoparticle technology enabling therapeutics and vaccines for COVID-19.

Dominik Witzigmann, PhD, Nano Medicines Innovation Network (NMIN), Canada

Overcoming challenges of manufacturing and fill/finish of lipid nanoparticles for mRNA delivery

David Jung, Manager - Process Equipment Design, Evonik Canada Inc, Canada

Rationale for the development of inhaled therapies for the prevention and treatment of COVID-19.

David Cipolla, PhD; MS Chemical Engineering, Vice President of Research, Insmid Incorporated, USA

Remdesivir drug product manufacturing response to the COVID-19 pandemic

Laura Bauer, Research Scientist II, Gilead Sciences Inc, USA

Discussion

This conference is kindly organised by the
APV focus group Drug Delivery

The importance of Drug Delivery in the combat of COVID-19

Online Seminar

Course no.

6846

Date

09 February 2021
13:00 - 18:30 h (CET)

Registration fee

Industry	400,00 EUR
Authority/University	200,00 EUR
Students*	50,00 EUR

(free of VAT according to § 4,22 UStG)

* Limited places for full time students available; written evidence must be submitted.

Registration

If you have decided on the APV seminar, you can easily register online. We will process your registration immediately and will be happy to help you if you have any questions.

Directly to the online form:
<https://www.apv-mainz.de/seminare/pharma-veranstaltungen/seminaranmeldung/seminarnr/736/>

An invoice/registration confirmation will be sent to you by email after you have successfully registered online.

Registration: www.apv-mainz.de/seminare

