IPI Academy

MANAGEMENT forum



Presented by
Management Forum

The Future of Bioplastics in the Medical Industry

10 March 27
+ 28 September 27

Master regulatory compliance and material selection as healthcare shifts towards sustainable bioplastics.

Format:
Live online

CPD:
3 hours for your records

Certificate of completion

Overview

This course provides a structured introduction to the evolving role of plastics in healthcare. It examines upcoming regulatory changes and market trends that will shape material selection in medical and pharmaceutical applications.

Participants will gain a clear understanding of the regulatory landscape (recycled content targets, carbon footprint reduction, critical substance restrictions, green public procurement) and the resulting implications for material compliance. The session also covers the current state and future potential of bio-based and recycled plastics in healthcare, their strengths and limitations regarding product performance, patient safety, availability, and compliance with standards such as VDI 2017 for medical grade plastics. Practical distinctions between mass balance and physically bio-based approaches are explained, along with their relevance for different types of development projects – from material changes in existing products to the design of new devices and packaging.

Benefits of attending

- **Understand** upcoming regulatory and market drivers affecting plastic use in healthcare
- **Gain** clarity on compliance requirements for sustainable materials under VDI 2017 and related frameworks
- **Learn** how bio-based and recycled plastics perform in terms of safety, availability, and quality standards
- **Distinguish** between mass balance and segregated feedstock approaches and their practical implications
- **Identify** opportunities and challenges for integrating sustainable materials into existing and new product development

Who should attend?

- R&D and product development professionals in medical technology, pharmaceuticals, and diagnostics
- Regulatory affairs and material compliance specialists
- Procurement and sustainability managers in healthcare supply chains
- Quality assurance and risk management professionals working with medical plastics
- Business development and strategy personnel evaluating sustainable product portfolios

Presenter



Julian Lotz

Dr. Julian Lotz is Co-Founder and CEO of BIOVOX GmbH, a German company at the forefront of developing sustainable medical-grade plastics from renewable resources. With a PhD in mechanical and process engineering from Technische Universität Darmstadt and extensive experience in product development, he works on enabling circular, regulation-ready solutions for healthcare and laboratory applications. Julian has collaborated on sustainable materials projects with both large corporations and SMEs, including hidden champions in the industry, helping diverse partners realize innovative, high-quality and safe materials that align with evolving regulatory and sustainability goals.

Course dates

10 March 27	**Live online** 09:00-12:30 **UK (London)** (UTC+00) *Course code 17045*	GBP **350** ~~400~~ EUR **490** ~~560~~ USD **562** ~~640~~ **Until 13 Jan**
28 September 27	**Live online** 09:00-12:30 **UK (London)** (UTC+01) *Course code 17365*	GBP **350** ~~400~~ EUR **490** ~~560~~ USD **562** ~~640~~ **Until 03 Aug**

How to book

Online:
ipi.academy/3118

Alternatively contact us to book, or if you have any queries:

Email:
info@ipiacademy.com

Phone:
+44 (0)20 7749 4749

Discounts

- Booking more than one delegate on any one date qualifies for a **30% discount** on the second and subsequent places.
- Most events qualify for an **early booking discount** prior to 6 weeks before the course date. Be sure to check on our website, where the latest discounts will be shown.

Further information

Fee
The fee includes all meals and refreshments for the duration of the course (for venue-based courses) and a complete set of course materials (provided electronically). If you have any particular requirements, please advise customer services when booking.

Please note
IPI Academy (and our training partners) reserve the right to change the content and timing of the programme, the speakers, the date and venue due to reasons beyond their control. In the unlikely event that the course is cancelled, we will refund the registration fee and disclaim any further liability.

Terms and conditions
The rest of the our terms, the event cancellation policy and the terms and conditions are on our website, please visit ipi.academy/content/terms-and-conditions

Run this programme in-house for your whole team

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With over 600 trainers, all practitioners and experts across a huge range of fields, we can provide the training you need, where you need it, when you need it, and at a price which suits your budget. Our approach to tailored learning and development consists of designing and delivering the appropriate solution for each client.

For your FREE consultation and to find out more about how we can work with you to solve your training needs, please contact our training advisers:



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IPI Academy

IPI Academy is a training initiative of Falconbury and Management Forum; leading providers of industry training for over 30 years, based in the UK.

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