CPhI Discover
18th-20th May 2021

Draft Agenda – Subject to Change

Time	Format	Tuesday 18th May- Manufacturing & Outsourcing	Sponsorship
		Editorial Content	
15:00-16:00 CET 60 minutes	Live panel with Q&A	**Navigating the CDMO Market: Hurdles, Transformation & Opportunities** • CDMO market outlook, where do the most significant opportunities lie? • What does technology and innovation look like in a post-COVID-19 CDMO market? • Manufacturing vaccines at scale – what are the concerns from the CDMO side? • Onshoring API Manufacturing – can we expect more manufacturers to expand operations on home turf? • What are the key factors that will be shaping the future of the CDMO service market?	
Pre-recorded, on-demand 30 minutes	Presentation	**Drug Repurposing: A more Efficient Approach to Drug Development?** • Drug repurposing has gained traction in the past year amidst the COVID-19 vaccine race - what are the challenges & potential benefits of drug repurposing, compared to the traditional drug development process? • Who are the frontrunner players offering drug repurposing services? • What kind of actions or partnerships are most commonly adopted or taken forward by stakeholders in this industry? • What factors are likely to influence the evolution and future opportunities for this market?	
Pre-recorded, on-demand	Presentation	**Manufacturing Innovation: The Case for Continuous**	

30 minutes		Technologies with the potential to accelerate product development, reduce manufacturing costs and facilitate speed to market will be one of the leading change drivers for pharma manufacturing processes in coming years. Continuous Manufacturing has been widely touted as an approach for creating efficiencies in pharma manufacturing and accelerating commercial success. While industry adoption has been slow, more and more facilities are choosing continuous manufacturing processes when introducing a new product. • What are some of the latest breakthrough technologies being implemented by pharmaceutical manufacturers? • Guidance for Industry: Quality and regulatory Considerations for Continuous Manufacturing • Batch vs Continuous Manufacturing • Critical success factors and common pitfalls • Hybrid-type manufacturing systems? • Continuous manufacturing – a technology suited to new products and new facilities rather than existing ones?	
Pre-recorded, on-demand 60 minutes	CPhI Webinar Series – Repurposed Content	**Biomanufacturing Trends** Innovative biotherapeutics and novel technologies are currently being developed and commercialised at record levels providing practical treatments for patients with cancers and autoimmune diseases across the world. In 2019 the FDA approved 48 novel drugs, several of which represent advanced, first-in-class therapies. It comes as no surprise then to hear that venture capital funding into US-based biotech firms was $3.5 billion+ for each of the last eight quarters leading into 2020, according to Pitchbook data. Today, in the fight against the novel COVID-19 virus all eyes are on the global scientific community who have come together to work on and produce various treatments and vaccines at record speed, and we are reminded just how important scientific innovation is. Join us for the webinar Trends in Biomanufacturing and hear from industry experts to discuss the following:	**Sponsored by Alfa Sigma**

		Discussion Points: 1. Product pipeline - what's the latest overview? Which products post key manufacturing challenges? 2. Securing and sustaining the right talent pool to support growth 3. Innovation in manufacturing techniques - bioanalytical capabilities, cell line development, aseptic manufacturing, downstream/upstream 4. Continuous biomanufacturing - significant support for this in the small molecule space, what are the challenges and opportunities in the large molecule arena https://event.on24.com/wcc/r/2792026/0414D52D29E657647BBDB5DE4C20612F	
		Market Insights	
Pre-recorded, On-demand 60 minutes	Presentation	**CPhI North America: How will the New Administration Impact the US Pharma Market?** In January 2021, the U.S. Department of Health and Human Services (HHS) and the Food and Drug Administration (FDA) start operating under the new U.S. administration. The 2020 presidential campaign prioritised COVID-19 vaccines, treatment and new technologies to identify, cure and reduce the transmission of the virus. Therefore, without doubt, these topics will continue to have a significant relevance during the transition. However, there is also a great interest to see what changes lie ahead in other broader areas, namely reshoring manufacturing, drug pricing, patient access and M&A. This session will bring together US experts to analyse the US landscape, and forecast what a new Democratic administration means for Pharma. Key issues for FDA under a New Administration: Transition and differences in policies and priorities • Generic and Biosimilar Competition Landscape: ○ FDA's efforts to modernize drug manufacturing ○ Approach to patent and exclusivity issues ○ promote generic and biosimilar competition to reduce drug prices	

		• Supply Chain/ "Made in America": Plans to address shortages/disruptions and promoting domestic manufacturing capacity • COVID-19 highlights the importance of innovation in health system preparedness	
Pre-recorded On-demand 60 minutes		**Sustainability: Opportunities & challenges for a circular economy in the pharmaceutical industry** As a science-based health industry, pharmaceutical professionals are always working towards improving human health and well-being. The environmental protections needed as a result of the climate emergency are an essential factor in helping to improve the health and lives of patients. With increasing international support, the climate emergency is in motion and concerns over water consumption, pharmaceuticals in the environment (PiE), antimicrobial resistance (AMR) and the industry's reliance on fossil fuels have put pharmaceutical manufacturing practices under the spotlight as discussions around the circular economy and carbon targets dominate sustainability milestones outside of the industry. While the drive towards circularity will offer growth opportunities, natural resources efficiencies and the protection of future medicines supply, in one of the worlds most regulated industries, the pharmaceutical industry's approach to circularity is met with several challenges including the speed of transition to new innovative technologies and the supply chain. • Addressing the climate emergency's effect on public health • Reuse-Recycle- what role can waste management play in improving secondary raw materials? • Aligning goals and collaboration across the value chain • Standardizing Sustainability: Industry progresses on setting sustainability standards	
		Podcast	

Pre-recorded, on-demand	Podcast	**Podcast Series: Formulation Approaches and Techniques** **Episode 1: Solid oral dosage forms** Increasing demand for personalised medicines is transforming solid oral dosage formulation, to the extent that the limitations of conventional tableting machines are being exposed as the industry looks towards a more flexible approach to facilitate the design and production of the bespoke medicines of the future. With the rise of additive manufacturing, including 3D printing, how can formulators best utilise this promising technology to produce bespoke drug delivery devices, such as solid oral dosage forms? Does the use of additive manufacturing allow more flexibility in the design process? What are the best practice design approaches?	One sponsor for the series of three episodes
Pre-recorded, on-demand		**Custom Exhibitor Content**	
Pre-recorded, on-demand		Custom Client Webinar – present your own topic with your chosen format and speakers, maximum 60 minutes.	
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		Learning Labs	
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		Wellbeing	
		TBC	
		Bioproduction	
		TBC	
		TBC	
		TBC	
		Wednesday 19th May- Packaging & Drug Delivery	
		Editorial Content	
Pre-recorded, On-demand 60 minutes	Panel	**Delivering Vaccines to the Masses** • COVID Update: The 2021 Vaccine Line Up • Facility challenges & production quality control • Cold chain challenges • Administration solutions-what are the options vs standard injections? • Key supply chain challenges for vaccine products • Creating sustainable and resilient distribution systems. • Challenges in allocating and prioritizing vaccine supplies and distribution	
15:00-16:00 CET 60 minutes	Live Panel with Q&A	**Drug Delivery Start-Ups to Watch in 2021 and Beyond** As the pharmaceutical industry keeps on growing, and medical technology keeps on advancing, drug delivery devices are increasingly facing challenges to keep up to date and adapt accordingly. Drug delivery device manufacturers are not only increasingly looking to other industries but also to start-ups to identify novel technologies and new innovative products that are not only patient-friendly and cost-effective but also innovative and functional. Considering the growth in of the market demands and technological advancements. it is an exciting time to be a start-up working in drug delivery landscape	

		This session will feature start-ups providing novel technologies and innovative solutions to current challenges in the drug delivery technology landscape. And it will tackle some on the main trends and challenges ahead for this industry. • Emerging start-ups on the Drug delivery landscape • The role of Drug Delivery tech start-ups in improving patient access and driving innovation • A look into the future of drug delivery: regulation, capital raising, and investments	
Pre-recorded, on-demand 30 minutes	Presentation	**Crystal Clear - The Rise of Pharmaceutical Glass Packaging Solutions** • What are the emerging trends in this sector? Which ones are here to stay, or which will prove to be transitory? • Unprecedented packaging demands: the impact of COVID19 on the glass packaging market • Glass primary packaging to answer customers' requirements • Smart Containers: A new vision ahead for Pharmaceutical Packaging • How can pharma manufacturers prepare for future trends?	**Stevanato Group**
Pre-recorded, on-demand 30 minutes	PPE Webinar series – Repurposed Content	**Track & Trace Solutions for Direct-to-Patient Delivery** Building a comprehensive track-and-trace system for medicines, which is aligned with the European Falsified Medicines Directive and to ensure compliance is a must in today's environment. Pharmacies, hospitals, HCPs, caregivers and patients now expect a completely secure and traceable delivery process, which requires buy-in from pharmaceutical companies and distributors involved in the supply chain of Investigational Medicinal Products (IMP), SKU's and unique doses. This webinar provides an overview of the key trends and developments to improve the security of drug delivery direct-2-patient in 2021.	**Available for sponsorship, branding only**

		Key discussion points: - A global overview of regulations on traceability of medical devices and medicines - Technical challenges when tracking medicinal products along the product life cycle, from clinical trials to post marketing authorization - What does the future look like? The potential of delivering Direct-to-Patient unique doses	
Pre-recorded, on-demand 60 minutes	CPhI Webinar Series – Repurposed Content	**Driving Digital Transformation in Pharma** Digitalisation has already had a significant impact on how pharmaceutical and healthcare industry operates. The digital revolution has shaped how pharmaceutical companies operate in portfolio planning, drug discovery and development, patient adherence and compliance, clinical trials, reimbursement and brand awareness. Despite its promise, the pace of Pharma's digital adoption remains slow. Cybersecurity and privacy concerns, strict regulations and the need for more digital expertise are some of the roadblocks. How can pharma companies take a more aggressive approach to embracing digital innovation by anticipating to tnew challenges in the healthcare industry and engaging with start-ups and established technology companies who are hungry for new markets. In this webinar, you will get to know how well-established companies are partnering with digital disruptors to challenge current industry practices and gain an overview of what's new in the digital Pharma space. • What does digital mean for Pharma? What are the latest tangible approaches and applications? • How Covid-19 crisis triggered digital innovation in the pharma industry? • How can going digital benefit your business? • Partnering for success – how engaging with start-ups and tech companies can help acquire expertise and accelerate development • Understand the key trends to watch in the digital space	**Available for sponsorship, branding only**

		• Learn about successful solutions brought to market and their positive impact and outcomes through case studies.	
		Market Insights	
Pre-recorded On-demand 30 minutes	Presentation	**China Outlook**	
		Podcast	
Pre-recorded on-demand	Podcast	**Podcast Series: Formulation Approaches and Techniques** **Episode 2: Early Phase Formulations: Stability and Bioavailability** The use of liquid formulations of drug candidates is popular in Phase I trials due to their being faster and cheaper to develop as well as a way of maximising oral bioavailability. Focus on reformulating to a more commercially suitable format such as solid dose usually occurs in later stage studies. However, there is a growing consensus that if the two key attributes of stability and bioavailability are to be taken into full consideration, it is better to start considering the solid dose form during formulation development for first in human trials. Why are stability and bioavailability so important in early stage formulation? What are the knock-on benefits of focusing on stability and bioavailability early on?	One sponsor for the series of three episodes
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		Wellbeing	
		Thursday 20th May APIs, Ingredients & Formulation	
15:00-16:00 CET 60 minutes	Live Panel with Q&A	**The API Landscape - Reshoring, Trading & Sourcing Dynamics** • The complexity of globally interconnected pharmaceutical supply chains • Market pressures to modernize API supply chains through digitization • The advantage of increased real-time visibility into its supply chain • The role of trading in the API supply chain • Offshore vs Onshore Manufacturing • Could reshoring represent an opportunity for boosting innovation and new manufacturing technologies to compete effectively and take a greener approach?	
Pre-recorded , On-demand 30 minutes	Presentation	**Overcoming Drug Development Challenges with Nanotechnology** This fireside chat will focus on the application of nanotechnology to drug development, and it will point out several areas of opportunity where current and emerging nanotechnologies could enable entirely novel classes of therapeutics. • Gain perspective on the current status and the future growth and success of the field. • New promising nanotechnology platforms to overcome drug development challenges to rapidly progress novel drugs to market.	

		• Specific applications of emerging interest in nanotechnology-based drug development systems • The Nanotechnology role in Vaccine Development • The potential impact of Nanotechnology in the development of Personalized Medicine	
Pre-recorded, On-demand 30 minutes	Presentation	**Value Added Excipients to Unlock the Potential of APIs** • The Vital Role Excipients play in producing new drugs and consumer products. • An overview of Excipient Quality and Impact on Formulation • Excipients Added to Solid Oral Dosage Forms to Improve Drug Solubility and/or Dissolution • Latest Developments, demands & trends in the Excipients Market • Examples of some Solutions, technologies, and regulatory changes happening on a global scale	
Pre-recorded, On-demand 30 minutes	CPhI Webinar series - Repurposed	**API Manufacturing Trends –** The global market for the outlook and manufacture of APIs is shifting as more complex or potent ingredients evolve which present specific handling and manufacturing challenges. What are the latest technological approaches for these products, and how can quality, safety and cost be managed and improved upon? A key impact of the COVID-19 pandemic has been to question the reliance and dependence on Asia as the global leader of API manufacturing. Do we expect to see specific regions implement reshoring of manufacturing efforts? How will global supply chains be impacted? • Market Outlook for APIs • Can we expect a reshoring of API manufacturing? Will hubs shift from Asia? • Continuous API manufacturing –for cost, quality and safety benefits	**Available for sponsorship, branding only**

		• Manufacturing considerations for complex formulations and high potency APIs, what are the latest approaches?	
		Podcast	
Pre-recorded, on-demand	Podcast	**Podcast Series: Formulation Approaches and Techniques** **Episode 3: Large Molecule Formulation Techniques** While most biologics are delivered by injection, the industry is increasingly looking at ways to develop more convenient drug delivery methods. Auto-injectors – which allow the patient to self-administer medication – are growing in prominence, particularly as the world adapts to the coronavirus pandemic, but companies are also keen to develop more convenient routes of administration such as oral, nasal and transdermal. What are the technical challenges of formulating non-injectable large molecule drugs?	One sponsor for the series of three episodes
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		Market Insights	
Pre-recorded, On-demand 45 minutes	Presentation	**CPhI MEA: The Manufacturing Roadmap for Africa** The value of the African pharmaceutical market is growing rapidly. Up to date pharmaceutical products are currently manufactured in countries such as South Africa, Kenya, Nigeria, Algeria, Morocco and Egypt. However, the continent as a whole still imports over 70% of pharmaceutical and medical consumables. The session will address some of the challenges that hinder the development and growth of the African pharmaceutical industry and some of the opportunities that lie ahead to boost pharmaceutical manufacturing and R&D in Africa with some key examples and growth opportunities.	
Pre-recorded, On-demand 45 minutes	Presentation	**Exploring the Promise of Latam Pharma** • Overview of the current market opportunities & challenges across key markets - Brazil, Mexico, Chile, Argentina and Central America. • Latam Pharma's changing industry landscape • Key therapy areas & most promising markets • Innovation landscape • Potential drivers to increasing internationalization of the Latam Pharma Market • What has been the impact of the pandemic on the Latam pharmaceutical market?	
		Wellbeing	
		TBC	

Key Points

15 x Learning Labs – pre-recorded sessions, exhibitor-led, focused on products and solutions. 20 minutes per session.

9 x Custom Webinars – Do you have a topic which you would like to promote to the CPhI Discover community? You bring the topic and the speakers and we will produce a webinar which will be promoted as part of the CPhI Discover agenda. Maximum 60 minutes.

21 x Editorial Webinars – Topics are determined by the content team. The opportunity here is to align your brand with a particular topic, or suggest a subject matter expert from your team to be a part of the content – in consultation with the Content Team.

Bioproduction – 3 x

45 sessions total

All content will be pre-recorded and available on-demand throughout each day and until 28th May therafter, with the exception of panel discussions which will be conducted live.