



PHARMATEC SERIES

Conference Schedule 2023

PHARMACEUTICAL MOBILE ROBOTICS UK

IN-PERSON

In-Person Congress
& Exhibition

2-Day
Event

- 200+ attendees and 25+ presentations
- An intensive 2-day in-person meeting with a focus on plug and play robotics and logistics automation
- Over the 2 days, the event features the innovation and advancement in mobile robot technology and applications, and competitive advantages that can be gained in terms of productivity and manufacturing, automation and logistics flexibility

20 - 21 April 2023
London, UK

DIGITAL MEDICINE UK

IN-PERSON

In-Person Congress
& Exhibition

2-Day
Event

- 120+ attendees and 25+ presentations
- 3 interactive in-person sessions
- Join fellow industry leaders and explore the development of innovative digital health technologies, case studies on digital biomarkers and digital therapeutics

20 - 21 April 2023
London, UK

PHARMA DATA UK

IN-PERSON

In-Person Congress
& Exhibition

2-Day
Event

- 300+ attendees and 40+ presentations
- Showcasing success in FAIR data implementation, data analytics in drug discovery, genome informatics and translational bioinformatics
- 4 interactive tracks covering the acceleration of achieving better data practice within the pharmaceutical industry: from data harmonisation and standardisation through to better data analytics in drug discovery, smart data and multi omics data management & analysis

September 2023
London, UK

SMARTLABS & LABORATORY INFORMATICS UK

IN-PERSON

In-Person Congress
& Exhibition

2-Day
Event

- 300+ attendees and 30+ presentations
- A dedicated 2-day hybrid meeting with a focus on paving the road to laboratory digitalisation through automation, robotics and cutting-edge informatics tools & technologies
- 3 interactive tracks aiding the acceleration of laboratory digitalisation within the pharmaceutical industry: from setting up the labs of the future through to the application of automation and robotics & the implementation of state-of-the-art IT tools and technologies

September 2023
London, UK

PHARMA MANUFACTURING & AUTOMATION UK

IN-PERSON

In-Person Congress
& Exhibition

2-Day
Event

- 150+ attendees and 30+ presentations
- A dedicated virtual congress for pharmaceutical manufacturing experts
- The event will attract attendees representing pharmaceutical companies working in pharma manufacturing, automation & robotics as well as supply chain & sustainable manufacturing

November 2023
London, UK

JAN

FEB

MAR

APR

MAY

JUN

JUL

AUG

SEP

OCT

NOV

DEC

Pharmaceutical Mobile Robotics UK: In-Person

20 - 21 April 2023 | London, UK

- **2-day Event**
- **In-Person Congress & Exhibition**



Over the 2 days, the event features the innovation and advancement in mobile robot technology and applications, and competitive advantages that can be gained in terms of productivity and manufacturing, automation and logistics flexibility. Do not miss out on the opportunity to network with key mobile robotic manufacturers, applications providers and automation vendor companies in this field.

Agenda at a Glance

Pharmaceutical Mobile Robotics UK: In-Person

Day 1: Software Standards And The Development Of Plug and Play Robotics

- Future of Pharmaceutical Manufacturing
- Plug & Play Mobile Robots For Laboratories
- Enabling Plug And Play Connectivity
- Development Of Future Mobile Robotics
- The Connecting Environment For Mobile Robotics
- Panel Discussion 1: Vision For Future And Scope Of The Mobile Robotics
- Panel Discussion 2: Industry Standards Agreement

Day 2: Innovation In QC Labs Of The Future & Pharma Logistics & Automation

Part 1: QC Labs Of The Future

- Applications of mobile robotics in QC labs
- Overnight working – enabling set up and leave
- Interfacing LIMs with mobile robotics – MODA-EMTM software
- Panel Discussion: Overcoming Challenge -Bridging The Gaps: Interface With Robotic Software

Part 2: Pharma Logistics Automation

- Mobile service robotics for logistics
- Automatic inventory counts and automation of warehousing
- Panel Discussion: Implications on Labs of the Future and Sharing Best Practice
- Afternoon: Vendor Demos

Benefits to Attending

- ✓ **Cost savings and reliability in automation** of pharma manufacturing, QA and QC
- ✓ **Evaluating the impact of automation** of pharma manufacturing and the application of mobile robotics
- ✓ **Overcoming challenges in varying software standards** and the development of plug and play robotics
- ✓ **Creating a business case and competitive advantage** in the innovation of QC labs of the future, pharma logistics and automation
- ✓ **Interact with fellow attendees and speakers** through in-depth panel discussions and workshops as well as live speaker Q&As

Who will be there?

200+ VPs, Directors & Senior Managers from leading pharma & biotech companies and research institutions in the following fields and more:

- Smart Labs
- Automation
- Discovery IT

- QA/QC
- Manufacturing/
Biomanufacturing

- Logistics
- Supply chain

Digital Medicine UK: In-Person

20 - 21 April 2023 | London, UK

- 2-day Event
- In-Person Congress & Exhibition



An intensive 2-day meeting that delves into the latest advancements in the adoption of innovative & digital health technologies, high-performance medicine and digital biomarkers. From new and exciting to the latest products & services, our event will bring together over 120 attendees from leading companies & key academic & research institutions for cutting-edge discussions, knowledge sharing and focused networking.

Agenda at a Glance

Digital Medicine UK: In-Person

Day One

Track 1: Digital Health & Other Innovative Technologies

- Advancing the adoption of digital health technologies
- High performance medicine
 - » AI-enabled digital health applications
- Developing wearables & other innovative digital health technologies

Track 2: Digital Therapeutics

- Delivering digital healthcare
- Transforming precision medicine with digital health
- Improving patient outcomes with digital health technologies

Day Two

Track 1: Digital Biomarkers

- Development of next generation digital biomarkers
 - » Smart biosensors
 - » Wearables
 - » mHealth
- Adoption of digital biomarkers
- Afternoon: Vendor Demos

Benefits to Attending



Join fellow industry leaders and explore the development of innovative digital health technologies, case studies on digital biomarkers and digital therapeutics



Interact with fellow attendees and speakers through in-depth panel discussions and workshops as well as live speaker Q&As



Gain a comprehensive understanding of the latest improvements, challenges & future opportunities of this vital area of research



Engage in in-depth panel discussions, roundtables and workshops bringing together like-minded experts to address the pressing challenges & opportunities of the market

Who will be there?

120+ VPs, Directors & Senior Managers from leading pharma & biotech companies and research institutions in the following fields and more:

- Digital Health
- Digital Transformation
- Health Innovation
- Digital Therapeutics
- Digital Medicine
- mHealth
- Health IT
- Digital Innovation
- Biosensors
- Health Strategy
- Digital Biomarkers
- Digital Development

PharmaData UK: In-Person

September 2023 | London, UK

- **2-day Event**
- **In-Person Congress & Exhibition**



An intensive 2-day meeting that delves into the latest in advancements in FAIR data, data analytics, AI and machine learning technologies in pharma as well as analysing and mapping genomic data networks and advanced tools for genomic data processing. The Pharma Data Congress is a meeting place for experts working within data science, analytics, AI, multi omic data management and R&D IT. From new and exciting to the latest in products & services, our event will bring together over 300 attendees from leading companies for in-depth discussions, knowledge sharing and focused networking.

Agenda at a Glance

Pharma Data UK: In-Person	
Day One	Day Two
<p>Track 1: Moving From Big Data to Smart Data & Data FAIRification</p> <ul style="list-style-type: none">• Collecting & adopting smart data & datasets• Outcomes of data FAIRification processes & case studies on the adoption of FAIR principles• Data standardisation and harmonisation• Data management strategies for RWE/RWD• Leveraging data and digital technologies to optimize RWE generation• Synthetic and Real-Time Data <p>Track 2: Data Analytics, Cheminformatics & AI/ML Approaches</p> <ul style="list-style-type: none">• Advanced analytics platforms• Advanced cheminformatic tools & techniques• Challenges around interpretability of machine learning result• Measuring the success of AI/ML technologies:<ul style="list-style-type: none">» Predicting biology» Applications to development» Approaches to adopting these technologies	<p>Track 1: Data & Metadata Management, Data Storage & Supporting Infrastructure, Regulatory Strategy</p> <ul style="list-style-type: none">• Managing workflows with data and metadata• Scaling up data infrastructure• Navigating legacy systems• Data compression & storage platforms• Cloud computing• Data sharing networks - challenges & opportunities• Data Mesh <p>Track 2: Multi-Omics Data Management & Analysis</p> <ul style="list-style-type: none">• Integrating genomics with AI initiatives• Analysing and mapping genomics data networks/platforms• Genomic data processing and applications• Analysis of large-scale omics data• Linking omics data to population data, clinical data, personalized medicine• Applying bioinformatic analyses & opportunities

Benefits to Attending



Take a deep dive into FAIR data, data harmonisation and standardisation. In line with current industry trends, industry experts will discuss moving from Big Data to Smart Data & data FAIRification



Learn more about data & metadata management storage and data analytics. Hear presentations covering data management strategies for RWE, storage platform updates and adopting data-led technologies in drug discovery



Discover collaborative solutions to data management, harmonisation, integration, and standardisation. Explore progress and outcomes in FAIRification processes and standardisation techniques for different data types



Discuss and measure success stories of adopting AI and machine learning technologies as well as strategies to optimise interoperability of results



Gain insights into the latest advances in managing data workflows - considerations into optimising infrastructure and data management strategies as well exploring data sharing initiatives



Develop a robust informatics strategy & explore the latest in mapping and analysis Ing multi-omics data, as well as integrating with AI initiatives

Who will be there?

300+ VPs, Directors & Senior Managers from leading life sciences companies and research institutions in the following fields and more:

- R&D IT
- Data Science
- Real-World Data
- FAIR Data
- Data Analytics
- Real-World Evidence
- Machine Learning
- Discovery Informatics
- Research IT
- Cheminformatics
- Modelling Platform
- Molecular Design

SmartLabs UK: In-Person

September 2023 | London, UK

- **2-day Event**
- **In-Person Congress & Exhibition**



An intensive 2-day meeting that delves into the latest in advancements in transforming the labs of the past to the labs of the future, developing & implementing lab automation systems, utilizing robotics and more efficient use of data in the lab. The SmartLabs Congress is a meeting place for experts working within laboratory informatics, digitalisation, automation and IT tools & technologies. From new and exciting to the latest in products & services, our event will bring together over 300 attendees from leading companies for in-depth discussions, knowledge sharing and focused networking.

Agenda at a Glance

SmartLabs UK: In-Person

Day 1, Track 1: Building The Lab Of The Future

- Transforming the labs of the past to the labs of the future – case studies
- How to deal with legacy equipment and move forward
- Going towards the paperless lab: strategies, best practices & approaches
- Setting up the lab standards
- Remote monitoring/operation tools – A retrospective on the pandemic
- Implementing digitalisation and envisioning future labs
- Sustainability tech, 'green labs'
- Virtual/Augmented reality interfaces tech demos
- Innovative technologies in the lab – voice recognition, remote operating systems

Day 1, Track 2: Driving Digitalisation Through Automation & Robotics in the Lab

- Developing and implementing lab automation systems
- Adopting automation in the lab and best practice & case studies in automation of laboratory processes
- AI/ML in workflows – setting up and designing experiments
- Robotic process automation
- Maximizing R&D through cloud-based control and automation of scientific workflows
- Automating cell culture, biologics & bioprocesses

Day 2, Track 1: Driving Lab Digitalisation Through Cutting Edge Informatic Tools

- Data standardisation and governance in lab informatics
- Advances in lab data use:
 - » Tools for controlling equipment and collecting data
 - » Tools for integrating, storing and communicating data

Benefits to Attending



Join leading experts and hear case studies on successful transformation of labs of the past to the labs of the future – from going towards paperless labs to setting up the standards to make the transition smoother



Explore the latest developments in lab automation systems - gain insight into the latest technologies and efforts applying robotics and machine learning in workflows



Discuss the latest innovations in informatics tools & technologies - presentations will explore the latest efforts in standardizing data in the lab and how advances in lab data use have benefitted the industry



Participate in interactive sessions on the suitability of automated workflows: assessing complexity and scalability of workflows and many more

Who will be there?

300+ VPs, Directors & Senior Managers from leading life sciences companies and research institutions in the following fields and more:

- Lab Informatics
- Lab Automation
- Robotics
- Digital R&D

- Digitalisation
- Knowledge Management
- R&D IT
- Digital Transformation

- Digital Science
- Digital Technology
- Data Analytics
- Lab Computing Systems

Pharma Manufacturing & Automation: In-Person

November 2023 | London, UK

- 2-day Event
- In-Person Congress & Exhibition



The Pharma Manufacturing & Automation: In-Person congress is the ideal two-day event for expert pharmaceutical development scientists and world-leading drug manufacturers to learn about the latest innovations in manufacturing & supply chain. Explore the latest trends in upstream and downstream process development & improvement, scale-up and scale out strategies for cost-efficient manufacturing, QbD & industry 4.0, Automation & facility development for the latest difficult-to-manufacture products, including cell and gene therapies and RNA.

Agenda at a Glance

Pharma Manufacturing & Automation: In-Person

Day 1 Track 1: Biomanufacturing: Biologics & New Modalities

- Overcoming scaling up issues in biomanufacturing
- Recent advancement in new modalities manufacturing
 - » Cell & gene therapies
 - » RNA
- Continuous manufacturing techniques for biologics
- Process Analytical Technologies for biologics
- Effective contract manufacturing strategies
- Manufacturing of substances and product
- Challenges around personalized medicine manufacturing
- Manufacturing of vaccines
- Hybrid modelling and in silico model development

Day 1 Track 2: Applications Of Automation, Machine Learning & AI In Pharma Manufacturing

- Implementing AI in the manufacturing processes
- Developing/using digital twins
- Process monitoring, process controls and optimisation: online PAT vs offline PAT
- Employing continuous pharmaceutical manufacturing

Day 2 Track 1: Supply Chain Management & Sustainability

- Overcoming the challenges in supply chain
- Supply Chain Digitisation – connecting and standardising supply chain data
- Case studies in supply chain management
- Risk mitigation for complex global supply chains
- Achieving net zero supply chains

Benefits to Attending



Hear from and meet with the key innovators to drive innovation and achieving better quality & precision in pharmaceutical manufacturing looking at 4 vital areas: biomanufacturing, digital transformation, automation, AI/ML and supply chain management



Discuss the latest innovations biomanufacturing. Presentations will delve into overcoming scaling up issues in biomanufacturing, PAT, hybrid modelling and in silico model development



Discover collaborative solutions to utilizing automation, machine learning & AI in manufacturing. Discuss the latest advancements in implementing AI/ machine learning in the manufacturing process, developing digital twins and hybrid modelling and in silico model development



Explore supply chain management & sustainability efforts. Key opinion leaders will be addressing areas such as overcoming supply chain challenges, the digitisation of supply chain as well as achieving net zero supply chains

Who will be there?

150+ VPs, Directors & Senior Managers from leading healthcare, biotech, pharma and research institutions in the following fields and more:

- Pharma Manufacturing
- Manufacturing Intelligence
- Manufacturing Operations
- Automation

- IT Operations
- Smart Labs
- Technology Transfer
- Continuous Processing

- Supply Chain
- Regulatory CMC
- Analytical CMC
- Quality Assurance & Control