

PharmaTec Series 2021: Agenda at a Glance

08 – 09 September 2021 | London, UK

Join over 350 leaders, experts and scientists to discuss and examine the latest technologies, developments and future thinking in Pharma-related IT, AI and SmartLabs

PHARMA IT & DATA

Day 1 Stream 1 – FAIR Data, Data Harmonization & Data Standardization

- Exploring & adopting FAIR data options in pharma
- Data standardization and harmonization through FAIR data
- Implementing enterprise FAIR Data Lakes
- Applications of FAIR data – challenges & opportunities
- Data validation and provenance

Day 1 Stream 2 – Data Science 1: Data & Metadata Management, Storage, Transport

- Managing workflows with data and metadata
- Data infrastructure
- Data security & governance platforms
- Data management strategies for RWE
- Data compression & storage platforms
- Leveraging data and digital technologies to optimize RWE generation

Day 2 Stream 1 – Data Science 2: Data Analytics, Handling in Drug Discovery & Genome Informatics

- Adopting data-led technologies in drug discovery
- Advanced cheminformatics tools & technologies
- Genomic data processing and applications
- Advanced analytics platforms

ARTIFICIAL INTELLIGENCE IN DRUG DEVELOPMENT

Day 1 – AI in Molecular Design & Translational Medicine

- Adoption of AI technology in the pharma early drug development pipeline
- Designing better compounds faster using AI
- High-throughput screening and AI
- Application of AI to clinical trial and Real-World Data - Blurring the boundaries
- Overcoming the challenges of delivering machine learning in pharma

Day 2 – Artificial Intelligence in Drug Development

- Details will be confirmed in the coming weeks

SMARTLABS & LABORATORY INFORMATICS

Day 1 Stream 1 - Building the Lab of the Future & Digital Labs

- Transforming the labs of the past to the labs of the future
- Going towards the paperless lab: strategies, best practices & approaches
- Setting up the lab standards
- Implementing digitalization and envisioning future labs

Day 1 Stream 2 - Informatics Tools, Technologies and Data Use in the Lab

- Data standardization in lab informatics
- Advances in lab data use:
 - » Tools for controlling equipment and collecting data
 - » Tools for integrating, storing and communicating data
- Bringing LIMS, ELN systems into the 21st century
- Innovative technologies in the lab – voice recognition

Day 2 – Automation, Robotics & AI In The Lab

- Developing and implementing lab automation systems
- Adopting automation in the lab and best practice & case studies in automation of laboratory processes
- Robotics in lab automation
- AI and machine learning tools