CELL SERIES

Conference Schedule 2023

Cell Therapy Analytics Symposium

Virtual Symposium | **1-Day Event**

- 300+ attendees and 15+ presentations
- Encompassing novel characterisation techniques and robust analytical tools to ensure safe, quality therapeutic cell products are advanced through to the clinic
- Overcome critical hurdles in quality control, safety assays, and characterisation data, and redefine your analytical toolbox to progress through regulatory pathways with speed and consistency

March 2023
GMT (UTC+0)

3D Cell Culture UK

IN-PERSON

In-Person Congress & Exhibition | **2-Day Event**

- 200+ attendees and 35+ presentations
- Our 3D Cell Culture Congress incorporates key trends and innovative technologies to accelerate the adoption of 3D models in preclinical research via advanced development, validation and application strategies
- In line with the growing momentum of 3D modelling in drug development, our congress also encompasses strategies and tools for predictivity, validation, safety and toxicity research

April 2023
London, UK

Gene Therapy Development & Manufacturing UK

IN-PERSON

In-Person Congress & Exhibition | **2-Day Event**

- 250+ attendees and 45+ presentations
- The Gene Therapy Development & Manufacturing Congress delivers in-depth discussion on optimised process strategies and technologies for the successful technical development and manufacture of advanced gene therapy products
- Reflecting an industry-wide push towards improved efficacy, safety and commercial viability of gene therapy products, presentations focus on advances in gene editing tools and overcoming challenges in vector development

June 2023
London, UK

CELL UK

IN-PERSON

In-Person Congress & Exhibition | **2-Day Event**

- 400+ attendees and 80+ presentations
- A two-day event with dedicated streams on the latest tools and technologies for advanced understanding of cell-based products, including optimised cell line development, strategies to overcome bottlenecks and improved efficacy and safety of cell and gene therapies to ensure clinical and commercial product success
- Three events in one: Cell Culture & Bioprocessing, Cell & Gene Therapy Manufacturing, and Advanced Therapy Development Congresses

November 2023
London, UK

JAN · FEB · **MAR** · **APR** · MAY · **JUN** · JUL · AUG · SEP · OCT · **NOV** · DEC

Cell Therapy Analytics Symposium

March 2023 | GMT (UTC+0)

- **1-day Event**
- **Virtual Symposium**

The Cell Therapy Analytics Symposium encompasses novel characterisation techniques & robust analytical tools to ensure safe, quality therapeutic cell products are advanced through to the clinic.

Agenda at a Glance

Cell Therapy Analytics Symposium

Track 1: Novel Analytical Strategies for Cell Therapies

- Development & robust validation of analytical assays
- Cell characterisation advances to ensure purity
- In vitro and in vivo cell potency assays
- Cytokine profiling for cell therapy efficacy
- Analytics for viral vector quantification
- Identification of biologically meaningful and sensitive assay metrics
- Simplification of cell manufacturing analytics

Track 2: Advancing The Analytical Toolbox

- Automated technologies for cell counting & viability
- Sequencing tools & AI for off-target activity assessment
- Validating novel tools for quality control
- ELISA-based methods for genomic analysis
- Flow cytometry, mass spectrometry & mass cytometry

> **"The event platform is great. It gave the impression of a conference hall to join the different sessions. There was a good mix of presentations, round tables and panel discussions - at all times there was sufficient content.."**
>
> - ATTENDEE OF CELL SERIES UK, FROM TAKEDA

Benefits to Attending

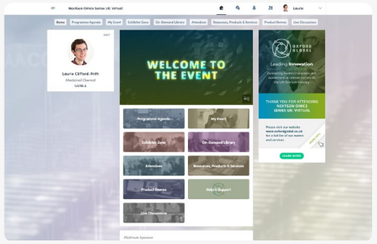
- **Engage in scientific discussions on the latest tools and technologies** for advancing cell therapy analytical development
- **Gain insights into innovative technologies** for cell counting & viability, quality control and novel AI approaches for off-target activity assessment of gene edited cell therapies
- **Explore methods to fast-track through regulatory pathways and generate safe, potent and consistent cell therapy products** via more robust analytical assays and advanced characterisation techniques

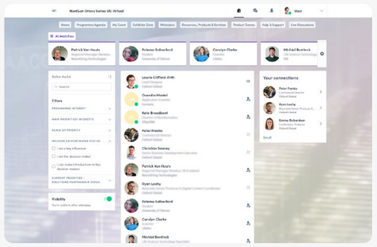
How It Works

Oxford Global's online event platform has been designed and developed to offer an immersive conference experience, delivering all the benefits of a live in-person event at the touch of a button.

Our online events are delivered through Swapcard, our market-leading and highly interactive digital event platform. Alongside the live programme, it has a variety of other features to maximise your event experience, including AI-assisted match-making with other delegates, additional resource such as white papers, exhibitor pages allowing you to connect with leading solution providers and a host of On-Demand content.

Our conferences are designed to maximise interactivity. Each event features panel discussions facilitated by our expert speakers, and you can also join us for our live Q&As where a panel of speakers are ready to answer any questions you may have. The platform further increases your interactions with other attendees by making it simple to connect, chat, share files and more.





3D Cell Culture UK: In-Person

April 2023 | London, UK

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

Our 3D Cell Culture event incorporates key trends and innovative technologies to accelerate the adoption of 3D models in preclinical research via advanced development, validation and application strategies.

Agenda at a Glance

DAY ONE

Track 1: 3D Culture Model Technologies

- Creation of Scaffold, Hydrogel & Scaffold-free models
- Electrospinning & Stereolithography for scaffold creation
- 3D bioprinting
- Microphysiological system technology
- Visualization of 3D structures with automated imaging systems

Track 2: Applications: Disease Modelling

- Improving translatability and predictivity of models to fast-track to clinic
- Standardisation of organoids and MPS
- Cancer modelling
- Mimicking the tumor micro-environment
- Strategies to develop, validate and implement 3D model systems
- Choosing the appropriate model for the application: 2d vs. 3D systems

DAY TWO

Track 1: Applications: Drug Screening

- 3D models for predictivity, validation, safety & toxicity
- Patient stratification
- The future of personalised medicine
- Scalability, robustness & reproducibility of 3D cultures for drug screening
- Accelerating drug target identification and validation through 3D models

Track 2: 3D Culture Development

- Serum vs. serum-free medias
- Development of complex and multi-organ combination cultures
- Novel strategies to address anatomy vs. function
- Sustainability and quality control of reagents
- Surface chemistry and culture conditions

> **"The quality of the presentations were above what I had anticipated. The navigation around the venue was easy to follow and I did not get lost. I will say a great deal of thought, effort and creativity was put into this conference. I greatly appreciate this."**
>
> - ATTENDEE OF 'CELL SERIES UK', FROM BAYER AG

Benefits to Attending

- **Hear from and meet with the leading 3D cell culture experts** to discuss the latest tools and technologies for scaffold, hydrogel and scaffold-free model development
- **Interact with fellow attendees and speakers** during live Q&As following each presentation and through our interactive panel discussions on 'Accelerating the Adoption of 3D Models in Preclinical Research' and 'The Future of 3D Cell Culture in Cancer Treatments'
- **Gain insights** into the innovative technologies in 3D modelling, including electrospinning & stereolithography for scaffold creation, microphysiological system technology and 3D bioprinting
- **Explore how companies are accelerating drug development** through 3D models, with presentations focussing on 3D models for predictivity, validation, safety and toxicity

Who will be there?

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

- 3D Models
- Cell Culture
- Serum
- Imaging Systems
- Microphysiological System Technology
- Personalised Medicine
- Quality Control
- Cancer Modelling
- 2D Models
- Drug Screening
- Regulatory

Gene Therapy Development & Manufacturing UK: In-Person

June 2023 | London, UK

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

The Gene Therapy Development & Manufacturing Congress delivers in-depth discussion on optimised process strategies and technologies for the successful technical development and manufacture of advanced gene therapy products.

Agenda at a Glance

DAY ONE

Track 1: Vector Development

- Viral & non-viral vector safety & quality
- Delivery and dosage challenges for gene therapies
- Effective testing, characterisation & validation approaches
- Technical development of viral & non-viral vector-based gene therapies
- Scalable platforms for vector production

Track 2: Gene Therapy Manufacturing

- Scalable and cost-effective production processes
- Process development for quality & greater vector yields
- Improving titers & potency
- Balancing speed-to-market and product quality
- Internal vs external manufacturing
- Successful commercialisation of gene therapy products

Track 3: Pre-Clinical & Clinical Gene Therapy

- NK, TCR, Innate Killer Cell Therapies
- Applications of gene therapy in clinical research
- Discovery gene therapy for rare disorders: blood, neurology & ophthalmology disorders
- Gene therapy in personalised medicine
- Diagnostic strategy
- Challenges from clinic to commercialisation
- Regulatory landscape for advanced therapies

DAY TWO

Track 1: Gene Editing Technologies

- CRISPR, ZFNs, TALENS
- Translating gene editing to the clinic
- Base-editing tools in gene editing
- In vivo vs ex vivo gene editing
- Standardisation & Quality control for gene editing
- How to best use gene editing for a given indication

Track 2: Gene Therapy Analytics & CMC

- Bioassays & analytical chemistry
- Developing advanced analytical characterization methods
- Challenges of comparability studies on gene therapy products
- Tools to predict patient response to gene therapy
- Impurity analysis during process development
- Assessing preclinical candidates

Who will be there?

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

- Gene Therapy
- Gene Editing
- Viral Vectors
- Rare Disease
- Gene Therapy Biomarkers
- Personalised Medicine
- Manufacturing
- Quality Control
- Process Development
- Analytical Development
- CMC
- Regulatory

Formal and informal meeting opportunities offer delegates the chance to discuss key solutions with leading service providers:

- Genomic Technologies
- Clinical Development
- Characterisation
- CRISPR / Gene Editing
- Assay Development
- Quality Control
- Viral Vectors
- Gene Therapy Delivery
- Disease Modelling / Screening
- Analytical Services
- Manufacturing
- CMC

Delegate Breakdown:

(From 2021's Gene Therapy: Online)

- 46% – Scientist
- 28% – Manager
- 19% – Director
- 7% – C-Level

- 69% – Pharma & Biotech
- 26% – Academia
- 5% – Vendors

- 35% – Europe
- 29% – USA
- 27% – UK
- 9% – Rest of World

Cell UK: In-Person

November 2023 | London, UK

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

A two-day event featuring dedicated streams on the latest tools and technologies for advanced understanding of cell-based products, including optimised cell line development, strategies for overcoming manufacturing bottlenecks and improved efficacy, safety and characterisation of cell and gene therapies to ensure clinical and commercial product success.

Agenda at a Glance

DAY ONE

Cell Culture & Bioprocessing

Track 1: Cell Line Engineering: Ensuring Stability, Quality & Clonality

- Improving efficiency and removing bottlenecks in cell line development
- Strategies to boost productivity in cell line development

Track 2: Downstream Bioprocessing: Novel Technologies & Continuous Processing

- Instrumentation for biopharmaceutical drug production
- Reducing timelines in bioprocessing

Track 3: Optimising Cell Culture Technology & Media

- Cell culture media analysis & development

Cell & Gene Therapy Manufacturing

Track 4: Strategies for CGT Manufacturing

- Autologous vs. allogeneic products for cost-efficient, scalable manufacturing of cell & gene therapy products
- Viral and non-viral vector engineering
- Analytics & quality control

Advanced Therapy Development

Track 5: Cell Therapy Development

- NK, TCR, Innate Killer Cell Therapies
- Developing reliable and sensitive tools to optimise safety & efficacy in cell therapies

Track 6: Stem Cell Therapy Development

- Delivering stem cell therapies from discovery to the clinic

DAY TWO

Cell Culture & Bioprocessing

Track 1: Cell Lines for Therapeutic Development

- High purity cell culture for therapeutic development
- Target validation
- Regulatory Perspectives

Track 2: Upstream Bioprocessing: Cell Culture Productivity, Modelling & Analytics

- Analysing and monitoring process to ensure quality
- Cryopreservation
- Supply chain
- Raw material management

Cell & Gene Therapy Manufacturing

Track 3: Bioprocess Technologies: Automation & Digitalisation

- Scale-up of cell & gene therapy manufacturing through automation and digitalisation

Track 4: Stem Cell Manufacturing

- Derivation, manipulation, characterisation and bioprocessing of iPSCs

Advanced Therapy Development

Track 5: Cell and Gene Therapies

- Effective testing, validation and characterisation approaches
- Safety & efficacy considerations in next-gen technologies

Who will be there?

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

Cell Culture & Bioprocessing

- Cell Line Engineering
- Cell Culture
- Upstream Processing
- Downstream Processing
- Organoid Development
- Cell Line Development

Advanced Therapy Development

- CAR T Development
- Cell Therapy
- Gene Therapy
- Stem Cell Therapy
- Market & Patient Access
- Clinical Sciences

Cell & Gene Therapy Manufacturing

- Cell Therapy Manufacturing
- Gene Editing
- Viral Vectors
- GMP Manufacturing
- CGT Regulatory Affairs
- ATMP Development

Formal and informal meeting opportunities offer delegates the chance to discuss key solutions with leading service providers:

Cell Culture & Bioprocessing

- Bioprocessing Solutions
- Instruments & Consumables
- Cell Line Development Solutions
- Cell Culture Media
- Scalability

Advanced Therapy Development

- Clinical Development
- Analytical Services
- Disease Modelling / Screening
- Characterisation
- Genomic Technologies

Cell & Gene Therapy Manufacturing

- GMP Manufacturing
- Process Analytical Technology
- Automation
- Cryopreservation
- Analytics & Quality Control

Delegate Breakdown:

(From 2019's Cell Series UK)