



BIOLOGICS SERIES

Conference Schedule 2023



BIOLOGICS UK:

IN-PERSON

In-Person Congress
& Exhibition

2-Day
Event

- 400+ attendees & 70+ presentations
- A two-day event packed with leading speakers, research and cutting-edge presentations covering the latest developments in the biologics field
- 2 events in one:
 - » 16th Annual Proteins & Antibodies Congress
 - » 11th Annual Peptides & Oligonucleotides Congress
- Featuring 4 pre-event workshops:
 - » Workshop 1: Antibody Engineering
 - » Workshop 2: Bioanalysis
 - » Workshop 3: Peptide Chemistry
 - » Workshop 4: Oligo Chemistry

March 2023
London, UK

Antibody Engineering: *ONLINE*

Virtual Congress
& Exhibition

3-Day
Event

- 300+ attendees & 25+ presentations
- A three-day event packed with leading speakers, research and cutting-edge presentations covering the latest developments in antibody-based molecular engineering, new & difficult targets and antibody-based therapeutics
- An online event providing exclusive opportunities to join in-depth panel discussions, roundtables & workshops

26 - 28 June 2023
BST (UTC+1)

OLIGONUCLEOTIDES: CHEMISTRY & THERAPEUTICS EUROPE:

IN-PERSON

In-Person Congress
& Exhibition

2-Day
Event

- 150+ attendees and 35+ presentations
- Two-day in person meeting on the latest oligonucleotides synthesis techniques, analytical development and oligo & antisense therapeutics
- Bringing together leading companies inspiring discussions, knowledge-sharing and focused networking
- Co-located with RNA Therapeutics & Delivery Europe: In Person

September 2023
Berlin, Germany

T-Cell Engagement & Activation Symposium

Virtual
Symposium

1-Day
Event

- 200+ attendees and 12+ presentations
- One-day meeting on the latest advancements in T cell engager design, activation & redirection
- Bringing together leading companies for a day of discussion, knowledge-sharing and focused networking

September 2023
BST (UTC+1)

VACCINES EUROPE:

IN-PERSON

In-Person Congress
& Exhibition

2-Day
Event

- 200+ attendees & 30+ presentations
- A two-day event packed with leading speakers, research and cutting-edge presentations covering the latest developments in vaccines development, analytics and platform technologies
- Bringing together leading companies for 2 jam-packed days of networking, presentations and knowledge-sharing

November 2023
Berlin, Germany

JAN

FEB

MAR

APR

MAY

JUN

JUL

AUG

SEP

OCT

NOV

DEC

Biologics UK: In-Person

March 2023 | London, UK

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



Join leaders, experts and researchers at Biologics UK, connecting global pharma, biotech and academia for high-level discussions on the latest innovations in biologics development. Consisting of the Proteins & Antibodies Congress, Bispecifics in Discovery & Development Congress and Peptides & Oligonucleotides Congress, visionary leaders will discuss the current state of the industry, market trends and future growth areas pushing the biologics industry in the future.

Who will be there?

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

Proteins, Antibodies & Bispecifics

- Expression Platforms
- Engineering Tools
- Display Technologies
- Developability Assessment
- Protein Structure
- Computational Tools
- Modelling Platforms
- Bioanalysis Tools
- Immunogenicity Testing

Peptides & Oligonucleotides

- Modalities Chemistry
- Peptide Delivery
- Physical Science
- Peptide Analysis Tools
- Peptide Purification
- Peptide Formulation
- Peptide Therapeutics
- Oligo Chemistry
- Oligo Therapeutics
- Process Chemistry
- Antisense Therapy
- Medicinal Chemistry
- miRNA Analytics
- Clinical Development
- Therapeutic Modalities

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

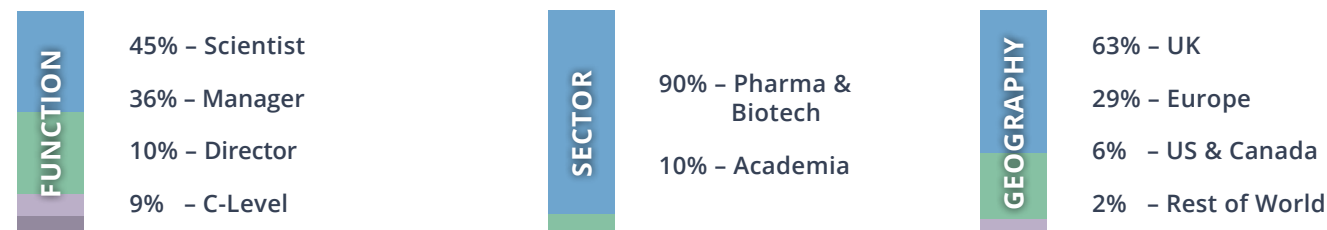
Proteins, Antibodies & Bispecifics

- Protein Structure
- Protein Design
- Protein Engineering
- Protein Expression
- Protein Screening
- Bioconjugates
- ADCs
- Antibody Engineering
- Antibody Design
- Display Technologies
- Bispecific Antibodies
- Bioanalysis

Peptides & Oligonucleotides

- Peptide Formulation
- Peptide Delivery
- Peptide Design
- Peptide Screening
- Peptide Synthesis
- Peptide Analysis
- Peptide Therapeutics

Previous year's delegates in numbers:



Agenda at a Glance

PRE-EVENT WORKSHOP DAY

Workshop 1:
Antibody Engineering

Workshop 2:
Bioanalysis

Workshop 3:
Peptide Chemistry

Workshop 4:
Oligo Chemistry

Followed by Biologics UK: In-Person 2023 Event Opening Keynote Address

PROTEINS, ANTIBODIES & BISPECIFICS

Day 1, Track 1: Antibody-Based Molecular Engineering

- Innovative engineering approaches
- Developing conjugation for ADCs
- Developing new *in vitro* display technologies & humanized animal models
- Gene therapy and CRISPR for antibody engineering
- New conjugates formats:
 - » Antisense, Oligos, Immunostimulants and Radio conjugates
- Moving away from IgG formats
- Identifying antibodies to difficult targets
- Microfluidics

Day 1, Track 2: Emerging Techniques for Bioanalysis & Characterisation and Quality Control Systems

- Emerging methods for biologics bioanalysis
- Addressing the challenges of antigenicity
- ADC bioanalysis: tolerability and developability
- Immunogenicity & PKPD
- Characterization
 - » Liquid chromatography and Mass spec
- Emerging methods for the QC

Day 2, Track 1 – Computational Tools, Structural Approaches & Automation in Engineering

- Structural approaches to protein engineering
 - » Cryo Em and Epitope mapping
- De novo antibody generation
- Computational and analytical tools for protein engineering
- Automation & high-throughput methods
- Application of AI/ML & deep learning tools in antibody engineering
- Computational epitope mapping

Workshop: Generation Of Quality Data For AI/ML

Day 2, Track 2 – Multi Specific Antibodies, Cell Engagers & Other New Modalities

- Novel discovery platforms
- Multi specific immune cell engagers
- Combination therapies
- Next generation multi-specifics
- Identifying & validating new targets; difficult targets
- Antibody gene therapy

Workshop: T Cell Engager Biology And Therapeutic Strategies

PEPTIDES & OLIGONUCLEOTIDES

Day 1, Track 3: Peptide Chemistry, Computational Approaches & Novel Application Areas

- Advanced computational methods & tools:
 - » AI/ML & deep learning
 - » Chemoinformatics
 - Advanced peptide synthesis & high-throughput purification methods
 - Peptide discovery: lessons learned from peptide candidates
 - Peptide biology & application areas: infectious diseases, vaccines, oncology
 - Late-stage functionalization & peptidomimetics updates
- Workshop: Exploring The Potential Of Peptides As Building Blocks For Controlling The Immune System*

Day 1, Track 4: Oligonucleotide Discovery: Chemistry, Analytical Development, Delivery

- Case studies: successes from therapeutics
- Targeted oligo therapeutics
- Optimizing oligo design
- Computational approaches: AI/ML
- Rapid screening analytical methods for oligonucleotides
- Oligo delivery:
 - » Oligo & nucleic acid passive & active delivery, Extrahepatic & peptide-based delivery and LMPs (mRNA / polynucleotide)

Workshop: End-To-End Oligo Development – From Discovery To Late Phase & Commercial

Day 2, Track 3: Peptide Therapeutics & Towards Sustainable Manufacturing

- Analytical and bioanalytical strategies for peptide development
- Peptide design for challenging targets
- Sustainable production/manufacturing of peptides
- Updates in regulations in peptide manufacturing

Workshop: Delivery Of Peptides

Day 2, Track 4: Oligonucleotide Therapeutic Development, Manufacturing & CMC

- Advanced synthesis technologies
- Oligo conjugates
- Impurity analysis
- Multi-dimensional analytical methods to understand impurity profiles
- New developments in oligo manufacturing: starting materials & regulatory updates
- Developing analytics for drug substance oligo formulations

Antibody Engineering: **ONLINE**

26-28 June 2023 | BST (UTC+1)

- **3-day Event**
- **Virtual Congress & Exhibition**



An intensive 3-day meeting that delves into the latest in antibody engineering and antibody-based therapeutics & a meeting place for experts working within engineering, computational tools and antibody-based therapeutics. From new and exciting to the latest in products & services, our online event & interactive platform will bring together over 300 leading companies for three days of discussion, knowledge sharing and focused networking.

Agenda at a Glance

Antibody Engineering: **ONLINE**

Day 1: Emerging Technologies in Antibody-based Molecular Engineering

- In silico engineering of antibodies
- Engineering antibody-based therapeutics with improved drug-like properties
- Designing and engineering of new and required antibodies
- AI/ML in antibody engineering
- In vivo antibody expression
- Fc engineering

Workshop: Microfluidics in Antibody Engineering

Day 2: Case Studies on Novel, Difficult Targets and Modes of Action

- New strategies & methods in handling novel & difficult targets
 - » Transforming targets for antibody-based therapeutics
 - » Innovative platforms
- Assessing target specificity

Workshop: Delivering Therapies Crossing Blood-Brain Barrier

Day 3: Clinical & Translational Outcomes

- Understanding efficacy, therapeutic index and toxicity
- Checkpoint inhibitors – updates
- New disease applications of antibody therapeutics
- Agonist antibodies

Workshop: Engineering & Immunogenicity – Lessons Learned

Benefits to Attending



Hear from and meet with the leading figures in the antibody, ADC and bispecifics engineering antibody-based therapeutics; offering in-depth presentations and new inspiring ideas to advance your research



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



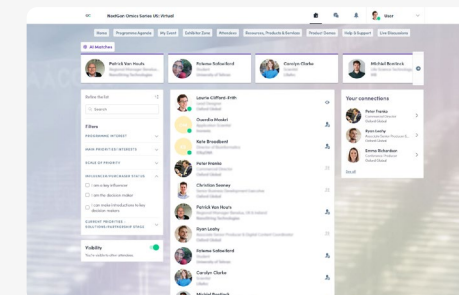
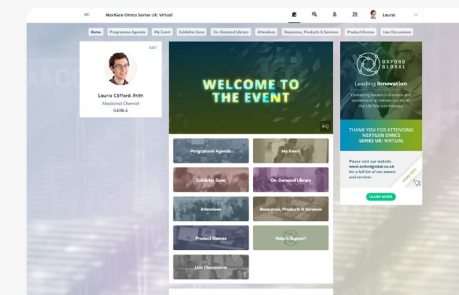
Explore case studies including antibody gene therapy and developing antibody therapies aiding the treatment of Covid-19

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.



Oligonucleotide Chemistry & Therapeutics Europe: In-Person

September 2023 | Berlin, Germany

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



An intensive 2-day in person meeting that delves into the latest in oligonucleotides chemistry, process & analytical development, therapeutics, antisense therapy & a meeting place for experts working within cutting-edge oligo research & therapeutic development. From new and exciting to the latest in products & services, this event will bring together over 150 leading companies for in-depth discussions, knowledge sharing and focused networking. Co-located with the RNA Therapeutics & Delivery Europe: In Person.

Agenda at a Glance

DAY ONE

Track 1: Oligo Chemistry

- Advanced synthesis technologies
- Oral delivery of oligos
- Purification technology development:
 - » Freeze-drying
 - » Chromatography
- Impurity analysis
- Formulation strategies & methods

Track 2: Oligo Therapeutics

- Case studies from:
 - » Oncology
 - » Genetic disorders
 - » Cardiovascular diseases
 - » Rare diseases
- miRNA therapeutics
- Antisense oligonucleotide therapeutics

DAY TWO

Track 1: Oligo Analytical Development & Manufacturing

- Raw materials
- Stability testing
- Advances in analytical characterisation of oligos
- Addressing manufacturing limitations:
 - » Scale of production
 - » Sustainability

Benefits to Attending

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

- Oligo Development
- Nucleic Acids
- Analytical Development
- Oligo Synthesis
- Oligo Characterisation
- Oligo Chemistry
- mRNA Development
- Therapeutics Development
- Chemical Engineering
- Process Development

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

- Oligo Design Tools
- Custom Oligos
- Delivery Technologies
- Quality Control
- Impurity Analysis
- RNA Synthesis
- Reverse Phase Synthesis
- GMP Manufacturing
- Oligo Labelling
- Oligo Synthesis

Previous years delegates in numbers:

(Stats from 2022's Biologics UK: In-Person)



45% – Scientist
36% – Manager
10% – Director
9% – C-Level



90% – Pharma & Biotech
10% – Academia



63% – UK
29% – Europe
6% – US & Canada
2% – Rest of World

T-Cell Engagement & Activation Symposium

September 2023 | BST (UTC+1)

- 1-day Event
- Virtual Symposium



An intensive 1-day meeting that delves into the latest in T cell engagement & activation & a meeting place for experts working within cutting-edge cell engager development. From new and exciting to the latest in products & services, our online event will bring together over 200 leading companies for a day of discussion, knowledge sharing and focused networking.

Agenda at a Glance

T-Cell Engagement & Activation Symposium

Topics Covered:

- Designing bispecific T cell engagers
- Developing novel and safe T cell engagers & enhancing their therapeutic window
- Case studies on effector T cell redirection & activation

Previous Oxford Global Speakers:

From Biologics UK: In-Person 2022



ALI TAVASSOLI
Curve Therapeutics



NICOLAS BASSE
Sanofi



GENE LIAU
Stoke
Therapeutics



HETAL SARVAIYA
AbbVie



LAURA VON SCHANTZ
Alligator Bioscience AG



HELEN PAYNE
GlaxoSmithKline

Benefits to Attending



Hear from and meet with the leading figures working in cell engagement, cell redirection & activation



Interact with fellow attendees and speakers through in-depth panel discussions and live speaker Q&As pertaining to designing the next generation of cell engagers and enhancing the therapeutic window for cell engagers



Explore case studies in effective cell redirections strategies, methods & approaches

How It Works

The Swapcard Platform

Our Symposiums 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.

Interactivity

Our digital symposiums 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.

Vaccines Europe: In-Person

November 2023 | Berlin, Germany

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

An intensive 2-day in person meeting that delves into the latest in vaccine research, platform technologies, analytics and vaccine development & a meeting place for experts working within cutting-edge vaccine research & development. From new and exciting to the latest in products & services, our event will bring together over 200 leading companies for engaging discussions, knowledge sharing and focused networking.

DAY ONE	DAY TWO
Track 1: Vaccine Platform Technologies <ul style="list-style-type: none">• Novel platforms aiding vaccine research• Modern vaccine technologies:<ul style="list-style-type: none">» mRNA» Viral vectors» DNA» Rapid response platforms• Developing next generation of vaccine platforms	Track 1: Vaccine Development & CMC <ul style="list-style-type: none">• Safety and efficacy of vaccines<ul style="list-style-type: none">» Determining correlates of immunity• Immunisation strategies & safety testing• Scaling up the manufacturing of vaccines• Vaccine immuno profiling
Track 2: Applications of Vaccines in Therapeutics <ul style="list-style-type: none">• Antibodies against infectious diseases• T cell vaccines• Vaccine development for cancers• In vivo expression of antibodies• Developing universal vaccines (e.g. flu, corona)• Vaccine antigen design	Track 2: Vaccine Analytical & Process Development <ul style="list-style-type: none">• Developing personalised cancer vaccines• Combination vaccines• Vaccines for emerging diseases

Previous Oxford Global Speakers on Vaccines:



Vincent Dewar
GlaxoSmithKline



Stephen Reece
Kymab



Yueh-Ming Loo
AstraZeneca



Carlo Boutton
Sanofi



Bruce Carpick
Sanofi Pasteur

Who will be there?

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

- Vaccines R&D
 - Biologics Innovation
 - Cancer Vaccines
 - Computational Vaccinology
 - Vaccines Therapeutic Areas
- Viral Based Therapeutics
 - Innovative Therapies
 - Vaccine Sciences
 - Viral Vaccines Development
 - Biotherapeutics

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

- Assays for Vaccines
 - Vaccine Design
 - Adjuvant Selection
 - Vaccine Adjuvant Technologies
- Vaccine Assessment
 - mRNA Vaccines
 - Vaccine Development
 - Analytical Development
- Safety Testing
 - Vaccine Efficacy
 - Vaccine Sciences
 - Viral Based Therapeutics

Previous years delegates in numbers:

(Stats from 2022's Biologics: In-Person)

