

Technology Networks

2026 Abstract Submission

Supplementary Event Information



2026 Online Events

Online Event Synopses

Automation & AI: Building the Digital Lab

February 18-19

This event will explore the automation, cloud-based lab systems, machine learning and digital twins that will power the next generation of connected, intelligent laboratories.

Advances in Battery Research

25 February

As demand for reliable and sustainable energy production and storage continues to grow, this event will provide a platform to explore the latest developments in battery innovation.

Cell & Gene Therapy

March 18-19

Covering scientific, clinical and manufacturing perspectives, this event will offer a comprehensive look at the innovations and challenges that will shape the next generation of advanced therapies.

Organoids & Microphysiological Systems

April 29-30

This event will highlight advances in developing and applying complex biological models, including patient-derived organoids, iPSC-based systems and CRISPR-edited constructs.

Smart Bioprocessing & Digital Manufacturing

May 20

New for 2026, this event will cover continuous processing, single-use technologies and AI-driven tools that are enhancing efficiency, control and scalability in biomanufacturing.

The Spatial Biology Revolution

May 27-28

This event will address emerging methods for high-resolution spatial analysis, offering new perspectives on tissue architecture, disease mechanisms and therapeutic targets.

The Landscape of Cancer Research: Advances in Immuno-Oncology

June 17-18

This event will provide a wide-ranging view of immuno-oncology and its role in the future of cancer treatment. Through discussions on current progress and ongoing challenges, attendees will explore how immune-based strategies are reshaping oncology research and patient care.

Advances in Food & Beverage Testing

July 22-23

Ensuring the quality, safety and authenticity of food and beverages is a global priority. This event will highlight the key technologies, testing strategies and regulatory developments that support a transparent and trustworthy global food system.

Teach Me in 10: Synthetic Biology

August 19

Hosted by subject matter experts these concise sessions will explore emerging techniques, practical applications and the future potential of synthetic design in biology.

Advances in Drug Discovery & Development

September 23-24

Now in its sixth year, our flagship event will explore emerging trends, technologies and strategies shaping the future of therapeutic innovation. From early discovery to development and beyond, insights will focus on the evolving landscape of modern drug research and its real-world impact.

Advances in Proteomics & Metabolomics

October 28-29

Proteomics and metabolomics continue to reveal new dimensions of biology, disease and therapeutic opportunities. This event will explore advances in analytical tools, data integration and applications that are expanding what's possible in systems biology and precision research.

Teach Me in 10: Accelerating Cell & Gene Therapy Development

November 18

In a series of rapid, expert-led sessions, this event will spotlight the tools, technologies and strategies driving faster, smarter progress from early research through to scalable manufacturing in cell and gene therapy.

2026 Webinars

Webinar Synopses

PFAS

January 29

Per- and polyfluoroalkyl substances (PFAS) remain a critical concern due to their environmental persistence and health impacts. This webinar will explore current methods for PFAS detection and quantification, emerging remediation strategies and the evolving regulatory frameworks shaping global monitoring and mitigation efforts.

Tech Spotlight: Target-Based Drug Discovery

February 26

Advances in target-based drug discovery are transforming how therapeutics are designed and developed. This webinar will examine innovations in structure-based design, computational modeling and validation strategies that are streamlining the identification and optimization of novel drug targets.

Cell-to-Cell Communication in Cancer

March 26

Intercellular signaling plays a critical role in tumor development, progression and treatment resistance. This webinar will explore how cancer cells communicate with their microenvironment, focusing on intercellular signaling pathways, extracellular vesicles and approaches to therapeutically target these interactions in the context of tumor progression and resistance.

Tech Spotlight: Lab of the Future

April 30

The lab of the future is redefining scientific research through automation, digitalization and connected workflows. This webinar will examine innovations in lab informatics, automation technologies and digital platforms that are enabling more efficient, reproducible and scalable laboratory operations.

AI and CRISPR Genome Editing

May 28

Artificial intelligence and CRISPR technologies are converging to accelerate the pace of genetic research and therapeutic innovation. This webinar will examine how AI-driven tools are being integrated into CRISPR workflows to enhance design, prediction and editing efficiency in genetic research and therapeutic development.

Tech Spotlight: Antibodies & Screening

June 25

Recent advancements in antibody discovery and screening technologies are enabling faster identification of high-affinity candidates for therapeutic and diagnostic use. This webinar will showcase developments in screening technologies, including high-throughput platforms and in silico tools for identifying high-affinity therapeutic and diagnostic candidates.

Diagnostics & Biomarkers

July 30

This webinar will explore recent developments in molecular diagnostics and biomarker profiling, with a focus on assay technologies, multiomic strategies and clinical applications supporting early detection and monitoring.

Tech Spotlight: Mass Spectrometry

August 27

Mass spectrometry continues to evolve as a cornerstone of analytical science, offering unprecedented sensitivity and accuracy. This webinar will explore recent advances in mass spectrometry instrumentation, data workflows and integration with complementary techniques across applications in proteomics, metabolomics and drug discovery.

Cell and Gene Therapies

September 24

This webinar will examine recent advances in cell and gene therapy platforms, including vector design, genome editing tools, cell modification strategies and manufacturing workflows supporting clinical development.

Tech Spotlight: High-Throughput Screening

October 29

This technology spotlight webinar will cover high-throughput screening technologies, including automation systems, miniaturized assay formats and integrated data workflows enabling large-scale compound testing and biological screening.

Multiomics

November 19

This webinar will explore the technologies and computational tools enabling integrated analysis across genomics, transcriptomics, proteomics and metabolomics. Emphasis will be placed on data integration strategies and their applications in disease research and precision medicine.

Tech Spotlight: Single-Cell Analysis

December 17

Single-cell analysis is providing unprecedented resolution into cellular diversity and function. This webinar will highlight technologies advancing single-cell research, including sequencing platforms, spatial imaging and analytical pipelines.

2026 Ask The Expert

Ask The Expert Synopses

Organoids

January 27

Organoids provide powerful models for studying human development and disease. In this session, our expert will answer your questions on how these systems are supporting research advances in areas such as cancer, neuroscience and infectious disease.

Next-Generation Sequencing (NGS)

March 30

From platform selection to data interpretation, our industry expert will answer your questions on navigating the evolving next-generation sequencing landscape, including, workflows, accuracy and clinical or research applications.

Sustainable Science

May 26

How can labs reduce their environmental impact? Ask our expert speaker about sustainable lab design, green chemistry, plastic reduction and practical steps to reduce waste and energy consumption.

Virology

July 28

This session is your opportunity to ask your virology questions to our industry expert, from virus-host interactions and vaccine development to diagnostics and emerging viral threats.

Battery Research

September 29

Want to learn about battery innovation? This session will focus on the science behind powering next-generation technologies. Ask an industry expert about new materials, solid-state designs, charging performance and safety testing in battery development.

Environmental Monitoring

November 24

Join us as we explore advanced techniques in environmental monitoring. Submit your questions to our industry expert on trace-level contaminant quantification, continuous monitoring systems, portable and in situ sensor platforms and validated sampling workflows for air, water and soil matrices.

2026 Webinar Series

Webinar Series Synopses

Food Safety

April

This series will cover analytical techniques and technologies supporting food safety and quality control. Topics will include pathogen detection, contaminant screening, traceability systems and regulatory trends shaping testing practices across the food industry.

Therapeutic Antibodies

August

This series will focus on advances in the discovery, engineering and optimization of therapeutic antibodies. Topics will include novel formats, enhanced specificity strategies, biomanufacturing workflows and translation to clinical application.

Cancer Research

December

This series will explore new technologies and approaches advancing cancer biology and treatment. Topics will include tumor microenvironment analysis, immuno-oncology strategies, diagnostic development and the integration of precision tools in oncology research.



TECHNOLOGY NETWORKS Ltd

Woodview | Bull Lane | Sudbury | CO10 0FD | UK

Tel: +44 (0) 1787 319 234 Fax: +44 (0) 1787 319 235

www.technologynetworks.com

onlinesymposia@technologynetworks.com

TechnologyNetworks.com
is certified by

NewsGuard

