

## 2021 Editorial Calendar List

PUBLISH DATE	TOPIC	CATEGORY
January 5	Advances in 3D Cell Culture	Cell Culture & Analysis
January 7	Vaccine Development Challenges	Drug Discovery & Development
January 12	Flow Cytometry Sample Prep Mistakes to Avoid	Immunology
January 14	Cytokine Detection and Analysis	Protein Research
January 19	Using mRNA, miRNA, and lncRNA as Biomarkers of Disease	Translational Medicine
January 21	Optimizing RNA Extraction & Purification	DNA/RNA Sample Prep & Analysis
January 26	Pipetting Selection Guide	Lab Equipment
January 28	CRISPR Screening Libraries	Genomics
February 2	The Many Ways of Measuring Cell Proliferation	Cell Culture & Analysis
February 4	Improving Cell-Based Assays	Drug Discovery & Development
February 9	Selecting the Right Western Blot Detection Method	Immunology
February 11	Protein Characterization Method Review	Protein Research
February 16	Tips on Keeping Solutions Clean	Lab Equipment
February 18	Best Practices for Single-Cell Isolation	Single-Cell Technologies
February 23	Biosafety Hoods Selection Guide	Lab Equipment
February 25	Optimizing Live-Cell Imaging	Microscopy & Imaging
March 2	Improving the Accuracy of Cell Counting	Cell Culture & Analysis
March 4	Protein Biomarkers in Drug Discovery	Drug Discovery & Development
March 9	Antibody Validation Update and Best Practices	Immunology
March 11	Improving Sample Prep for Mass Spec	Mass Spectrometry
March 16	Nanoscale Flow Cytometry	Immunology
March 18	Automated Nucleic Acid Purification System Selection Guide	DNA/RNA Sample Prep & Analysis
March 23	Spectrophotometer Troubleshooting Guide	Lab Equipment
March 25	Expert Tips to Improve NGS Sample Prep	Genomics
March 30	Optimizing Cell Expansion	Cell Culture & Analysis
April 1	Automation in Drug Discovery	Drug Discovery & Development
April 6	Extracellular Matrices in 3D Cell Culture	Cell Culture & Analysis
April 8	Benefits of Using Antibody Microarrays	Protein Research
April 13	Flow Cytometry Fluorophore Selection Guide	Immunology

PUBLISH DATE	TOPIC	CATEGORY
April 15	Single-Cell Transcriptomics	Single-Cell Technologies
April 20	Tumor Microenvironment Overview	Translational Medicine
April 22	Fluorescence Microscopy Selection Guide	Microscopy & Imaging
April 27	Update on Remote Lab Monitoring	Lab Equipment
April 29	CRISPR Imaging Technologies	Microscopy & Imaging
May 4	Isolating and Analyzing Exosomes	Cell Culture & Analysis
May 6	PCR Method Review	DNA/RNA Sample Prep & Analysis
May 11	Tips for Successful IHC Staining	Immunology
May 13	Measuring Post-Translational Modifications	Mass Spectrometry
May 18	Flow Cytometry Staining Strategies to Optimize Immunophenotyping	Translational Medicine
May 20	PCR Polymerase Selection Guide	DNA/RNA Sample Prep & Analysis
May 25	Freezer Selection Guide	Lab Equipment
May 27	Tips for Choosing the Right Knockout Strategy	Genomics
June 1	How to Prevent Cell Culture Contamination	Cell Culture & Analysis
June 3	Host Cell Protein (HCP) Detection and Analysis	Drug Discovery & Development
June 8	Cell Sorting Advances	Immunology
June 10	Advances in Protein Gel Documentation	Immunology
June 15	Automation Advances Transforming Biobanking	Translational Medicine
June 17	Target Enrichment	DNA/RNA Sample Prep & Analysis
June 22	Microplate Reader Selection Guide	Lab Equipment
June 24	Super Resolution Microscopy Advances	Microscopy & Imaging
June 29	Perfecting the Steps in Hybridoma Development	Protein Research
July 1	Live-Cell Imaging in Drug Discovery	Drug Discovery & Development
July 6	Cell Culture Media Selection Guide	Cell Culture & Analysis
July 8	Lipidomics Overview	Mass Spectrometry
July 13	Benefits of Imaging Flow Cytometry	Immunology
July 15	Nucleic Acid Gel Documentation Selection Guide	DNA/RNA Sample Prep & Analysis
July 20	Proteogenomics in Precision Medicine	Translational Medicine
July 22	Improving NGS Library Prep	Genomics

PUBLISH DATE	TOPIC	CATEGORY
July 27	Liquid Handling Solution Selection Guide	Lab Equipment
July 29	Flow Cytometry in Gene Editing Workflows	Immunology
August 3	Apoptosis Detection Methods	Cell Culture & Analysis
August 5	Advances in Cancer Immunotherapy	Drug Discovery & Development
August 10	Western Blotting Troubleshooting Tips	Immunology
August 12	The Many Ways of Measuring Protein Expression	Protein Research
August 17	Epigenetics in Cancer Research	Translational Medicine
August 19	How to Select which Single-Cell Proteomics Method to Use	Single-Cell Technologies
August 24	Benefits of Digital PCR	DNA/RNA Sample Prep & Analysis
August 26	Review of Laser Microdissection Systems	Microscopy & Imaging
August 31	Tips for Designing Guide RNA	Genomics
September 2	Tools to Streamline Infectious Disease Workflows	Translational Medicine
September 7	Understanding Cellular Metabolism and Disease	Cell Culture & Analysis
September 9	Advancing Metabolomics Research	Mass Spectrometry
September 14	Automation in Multiplexing	Immunology
September 16	RNA-Seq Workflow Optimization	DNA/RNA Sample Prep & Analysis
September 21	ctDNA for Diagnosing, Treating, and Monitoring Cancer	Translational Medicine
September 23	Optimizing CRISPR Transfection	Genomics
September 28	Cell Culture Incubator Selection Guide	Lab Equipment
September 30	Fluorescence Activated Cell Sorting (FACS) of Live Cells	Immunology
October 5	Optimizing Stem Cell Culture	Cell Culture & Analysis
October 7	Mass Spec in Precision Medicine	Mass Spectrometry
October 12	Mass Cytometry Technology Review	Immunology
October 14	Protein Enrichment Strategies	Protein Research
October 19	Studying Neurodegenerative Diseases at the Molecular and Cellular Level	Translational Medicine
October 21	Thermal Cyclers Selection Guide	DNA/RNA Sample Prep & Analysis
October 26	Recombinant Antibodies Update	Immunology
October 28	Optical Filters Selection Guide	Microscopy & Imaging

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November 2	The Importance of Cell Line Authentication	Cell Culture & Analysis
November 4	Gene Editing Method Review	Genomics
November 4	Chromatography System Selection Guide	Lab Equipment
November 9	ELISA Troubleshooting	Immunology
November 11	Improving Glycan Analysis	Mass Spectrometry
November 16	Microscopy Advances Accelerating Neuroscience Research	Microscopy & Imaging
November 18	Single-Cell Sequencing Review	Single-Cell Technologies
November 23	Antibody Validation for Flow Cytometry	Immunology
November 25	How to Keep NGS Costs Down	Genomics
November 30	Next-Generation Bioprocessing	Drug Discovery & Development
December 2	Using Organoids in Drug Discovery	Drug Discovery & Development
December 7	Best Practices in Cryopreservation	Cell Culture & Analysis
December 9	Protein Interaction Analysis	Protein Research
December 14	Optimizing Multiplexing Workflows for Biomarker Discovery	Translational Medicine
December 16	Single-Cell Proteogenomics	Single-Cell Technologies
December 21	Viral Vector Production	Drug Discovery & Development
December 23	Microscope Camera Selection Guide	Microscopy & Imaging
December 28	Standardization of Flow Cytometry Assays	Immunology
December 30	Guide to NGS Methodologies	Genomics