Poster Abstract Tracks/Topics (Review Groups)

There are five robust tracks covering all aspects of the pharmaceutical sciences. Each track is divided into two subtracks; Biomolecular and Chemical.

IMPORTANT Note: in the submission site, the structure below; Track, Subtrack, Primary Topic, and Subtopic, are referred to as Review Groups. You will be prompted to select the Review Group that best fits your abstract. For screener applications, you will choose all that apply to your expertise.

Review Group (Track/Topic) Selection Process

1. Select the Track that best fits your research. ***(see below)***

* **Preclinical Development**
* **Bioanalytics**
* **Clinical Pharmacology**
* **Manufacturing and Bioprocessing**
* **Formulation and Quality**

2. Select the Subtrack (Biomolecular or Chemical).

3. Select the Primary Topic that best fits your research.

4. From your Primary Topic, select the best Subtopic for your research. If no listed term fits your research, select 'Other'. (*Note: There may not be a subtopic available for your Primary Topic.*)

TRACK	SUBTRACK	PRIMARY TOPIC	SUBTOPIC
 Bioanalytics	Biomolecular	ADCs and Peptide Quantification	Electrospray Ionization
			Hybrid LBA/LCMS
			Ligand Binding Assay (LBA)
			Other
		Bioanalytical Innovations and Applications	
		Biomarker Quantification	Biomarker/Pharmacodynamic Measurement
			Methods to Assess Disease Heterogeneity
			Target Engagement/Receptor Occupancy
			Technologies other than LBA and Mass Spec (e.g., Flow, PCR)
			Other
		Drug Quantification	Endogenous Homologs Quantification
			Other Methods/Techniques

Bioanalytics	Biomolecular (continued)	Drug Quantification (continued)	Pharmacokinetic Measurements - Intact
			Pharmacokinetic Measurements - Free
			Pharmacokinetic Measurements - Surrogate
			Pharmacokinetic Measurements - Total
			Pharmacokinetic Measurements - Other
			Post-Marketing Commitment
			Therapeutic Drug Monitoring
		Immunogenicity	ADA Test Methods
			Cell-Based Methodologies
			Immunogenicity Risk Assessments
			Neutralizing Antibody Methods
			Other
		In Vivo and Ex Vivo Biotransformation	Evaluation of Biotransormation In Vivo
			Impact of Biotransformation on Immunogenicity
			Impact of Biotransformation on PK
			Molecule Variants Quantification Ex Vivo
		Life Cycle Management of Bioanalytical Methods	Collaboration with Other Partners (Co-development)
			General Life Cycle Management
			Methods Transfer and CRO Management
			Other
		Novel Modalities	ADCs
			Alternative Scaffold
			CAR-T
			Cell-Based Therapy
			Encapsulated Drugs (Lipid, Nanoparticle, and Viral Vectors)
			Multi-specific Antibodies
			Nanoparticle Based Modalities
			Oligos, RNAs and Locked Nucleic Acids
			Other
		Reagents and Reference Standards	Life Cycle Management
			Quality Control and Characterization
			Stability
			Other
		Regulations (BMV/GLP/GCP/CLIA)	Biomarkers
			Drug (and Metabolites)
			GCP/GLP Compliance for Bioanalytical Labs
			General Topics
			ICH
			Immunogenicity
			Samples and Reagent Stability

Bioanalytics	Biomolecular (continued)	Regulations (BMV/GLP/GCP/CLIA)	Bioanalyticsl Risk Assessment and Strategy (Tiered Strategies)
			Other
		Samples and Laboratory Management	Laboratory Information Management System (LIMS)
			Microsampling and Dried Blood Spots
			Post-Collection Sample Condition and Record Management
			Other
		Vaccines	Methods/Techniques
			Protective Titer Assessment
			Other
	Chemical	ADCs and Peptide Quantification	Electrospray Ionization
			Hybrid LBA/LCMS
			Ligand Binding Assay (LBA)
			Other
		Analyte Stability	Ex Vivo
			In Vitro
			Other
		Applications	
		Biomarker Quantification	Biomarker/Pharmacodynamic Measurement
			Methods to Assess Disease Heterogeneity
			Target Engagement/Receptor Occupancy
			Technologies Other than Mass Spec (e.g., PCR)
			Other
		Drug Quantification	Endogenous Homologs Quantification
			Other Methods/Techniques
			Pharmacokinetic Measurements
			Therapeutic Drug Monitoring
		Immunogenicity	ADA Test Methods
			Other
		In Vivo and Ex Vivo Biotransformation	CYP450 Assessment
			Evaluation of Biotransformation In Vitro or In Vivo
			Impact of Biotransformation on Immunogenicity
			Impact of Biotransformation on PK
			Metabolite Quantification
			Other
		Life Cycle Management of Bioanalytical Methods	Collaboration with Other Partners (Co-development)
			General Life Cycle Management
			Methods Transfer and CRO Management
			Other

Bioanalytics	Chemical (continued)	Novel Modalities	Alternative Scaffold
			Encapsulated Drugs (Lipid, Nanoparticle and Viral Vectors)
			Multispecific Antibodies
			Nanoparticle Based Modalities
			Oligos and Locked Nucleic Acids
			Other
		Reagents and Reference Standards	Life Cycle Management
			Quality Control and Characterization
			Stability
			Other
		Regulations (BMV/GLP/GCP/CLIA)	Biomarkers
			Drug (and Metabolites)
			GCP/GLP Compliance for Bioanalytical Labs
			General Topics
			ICH
			Immunogenicity
			Samples and Reagent Stability
			Bioanalyticsl Risk Assessment and Strategy (Tiered Strategies)
			Other
		Samples and Laboratory Management	Informed Consent
			Laboratory Information Management Systems (LIMS)
			Microsampling and Dried Blood Spots
			Post-collection Sample Condition and Record Management
			Other

TRACK	SUBTRACK	PRIMARY TOPIC	SUBTOPIC
 Clinical Pharmacology	Biomolecular	Biostatistical Methodologies	Bayesian Methods
			Regulatory Recommendations
			Statistical Analysis Models
			Statistical Reporting
			Tools/Software
			Other
		Clinical Trials	Designs and Methodology
			Dosing Strategies
			Ethics in Clinical Trials
			Modeling and Simulation
			Monitoring
			Patient Stratification
			Regulatory Guidance
			Other
		Immunogenicity	ADA
			Clinical Relevance
			Neutralizing Antibody
			Other
		In Vitro Studies	ADME
			Biomarkers/Pharmacodynamic Measures
			Blood to Plasma Partitioning
			Drug Transport and Drug Interactions
			Genetic Variation/PGx Testing
			Protein Binding
			Other
		Modalities	ADCs
			Alternative Scaffold
			CAR-T
			Cell-Based Therapy
			Encapsulated Drugs (Lipid, Nanoparticle and Viral Vectors)
			Multispecific Antibodies
			Nanoparticle-Based
			Oligos, RNAs and Locked Nucleic Acids
			Vaccines
			Other

Clinical Pharmacology	Biomolecular	Modeling and Simulation	Absorption Model
			Allometric Scaling
			Comparator Modeling
			Decision Making
			Dose Project/Selection/Justification
			Imaging Based Approach
			In Vivo-In Vitro Correlation (IVIVC) Modeling
			Maternal/Fetal PK Model
			Pediatric Model
			Pharmacometrics
			Physiologically Based Pharmacokinetics (PBPK) Model
			PK/PD Modeling
			Population PK Modeling
			Quantitative Systems Pharmacology (QSP)
			Tools/Software
			Other
		Regulatory Guidance/Submissions	CDISC
			Clinical Study Reports (CSRs)
			Clinical Trial Protocols
			CTD/eCTD Models 1 to 5
			Data Management
			FDA/EMA/PMDA Meetings
			Labeling
			NDA/BLA/ANDA Submissions
			Safety
			Other
		Type of Human Studies	Bioequivalence/Biosimilars
			Diseased Population
			Drug-Drug Interaction (DDI)
			First-Time-in-Human (FTIH)
			Food Effect
			Geriatric
			Multiple Ascending Dose (MAD)
			Pediatric
			Radio-Labeled Mass Balance and ADME
			Relative and Absolute BA
			Single Ascending Dose (SAD)
			Thorough QT/QTc (TQT)
			Other

 Clinical Pharmacology	Chemical	Biostatistical Methodologies	Bayesian Methods
			Regulatory Recommendations
			Statistical Analysis Models
			Statistical Reporting
			Tools/Software
			Other
		Clinical Trials	Designs and Methodology
			Dosing Strategies
			Ethics in Clinical Trials
			Modeling and Simulation
			Monitoring
			Patient Stratification
			Regulatory Guidance
			Other
		In Vitro Studies	ADME
			Biomarkers/Pharmacodynamic Measures
			Blood to Plasma Partitioning
			Drug Transport and Drug Interactions
			Genetic Variation/PGx Testing
			Protein Binding
			Other
		Modeling and Simulation	Absorption Model
			Allometric Scaling
			Comparator Modeling
			Decision Making
			Dose Project/Selection/Justification
			Imaging Based Approach
			In Vivo-In Vitro Correlation (IVIVC) Modeling
			Maternal/Fetal PK Model
			Pediatric Model
			Pharmacometrics
			Physiologically Based Pharmacokinetics (PBPK) Model
			PK/PD Modeling
			Population PK Modeling
			Quantitative Systems Pharmacology (QSP)
			Tools/Software
			Other

 Clinical Pharmacology	Chemical (continued)	Regulatory Guidance/Submissions	CDISC
			Clinical Study Reports (CSRs)
			Clinical Trial Protocols
			CTD/eCTD Models 1 to 5
			Data Management
			FDA/EMA/PMDA Meetings
			Labeling
			NDA/BLA/ANDA Submissions
			Safety
			Other
		Type of Human Studies	Bioequivalence/Biosimilars
			Diseased Population
			Drug-Drug Interaction (DDI)
			First-Time-in-Human (FTIH)
			Food Effect
			Geriatric
			Multiple Ascending Dose (MAD)
			Pediatric
			Radio-Labeled Mass Balance and ADME
			Relative and Absolute BA
			Single Ascending Dose (SAD)
			Thorough QT/QTc (TQT)
			Other

TRACK	SUBTRACK	PRIMARY TOPIC	SUBTOPIC
 Formulation and Quality	Biomolecular	Administration	In-Use Compatibility
			Nasal/Pulmonary
			Ocular
			Otic
			Strategies
			Trans-dermal
			Other
		Analytical	(Sub)Visible Particles
			Excipients
			Impurities
			Modality Specific Methods - Cell Therapy
			Modality Specific Methods - Free Oligonucleotide
			Modality Specific Methods - Gene Therapy
			Modality Specific Methods - Protein
			Modality Specific Methods - Vaccine/Tolerance Induction
			Modality Specific Methods - Other
			New Technology
			Potency/Bioassay
			Other
		Drug Delivery	Extended Release (Non-implant)
			Implants
			Other Routes of Administration - Ocular
			Other Routes of Administration - Otic
			Other Routes of Administration - Transdermal and Topical
			Other Routes of Administration - Other
			Other
		Drug Delivery, Devices, and Drug Device	Design Control
			Hardware
			Human Factor Engineering
			New Delivery Technologies
			Patient-Centric Development
			Software
		Formulation	Cell Therapy
			Free Oligonucleotide
			Gene Therapy
			Protein - Developability Assessment
			Protein - Excipients
			Protein - Topics

 Formulation and Quality	Biomolecular (continued)	Formulation (continued)	Protein - Syringes
			Protein - High-Throughput Screening
			Protein - Lyo
			Protein - Other
			Vaccine/Tolerance Induction
			Other
		Primary Packaging	Compatibility
			Container Closure Integrity
			Extractables/Leachables
			New Materials
		Regulatory Considerations	(Sub)visible Particles
			Accelerated Approval Pathways
			Bioequivalence
			Biosimilars
			Innovative Technologies
			Inspections and GMP's
			Large Market Developments
			New Regulations and Guidances
			Risk Assessment Implementation
			Smaller Market Developments
			Stability Requirements
	Chemical	Analytical	Drug Release Measurement - Biorelevant Dissolution
			Drug Release Measurement - Cascade Impaction
			Drug Release Measurement - Dissolution
			Drug Release Measurement - Forms
			Drug Release Measurement - Other
			Excipients
			Impurities and Degradation - Forced Degradation
			Impurities and Degradation - Impurity Quantitation
			Impurities and Degradation - In Silico Predecision of Stability
			Impurities and Degradation - Other
			Method Development Strategies
			New Analytical Technologies
			Process Analytical Technology and Continuous Release Testing
			Other
		Biopharmaceutics	BCS, DCS
			Bioequivalence (also Regulatory)
			Comparability Assessments
			IVIVC
			Predictive Modeling

 Formulation and Quality	Chemical (continued)	Biopharmaceutics (continued)	Other
		Drug Delivery	Extended Release (Non-implant)
			Implants
			Other Routes of Administration - Ocular
			Other Routes of Administration - Otic
			Other Routes of Administration - Transdermal and Topical
			Other Routes of Administration - Other
			Other
		Drug Delivery, Devices, and Drug Device	Design Control
			Hardware
			Human Factor Engineering
			New Delivery Technologies
			Patient-Centric Development
			Software
		Formulation	Amorphous and Co-crystal Systems
			Bioavailability Enhancement
			Drug Substance Properties
			Excipients
			Fixed Dose Combinations
			Inhalation and Nasal
			Oral - Immediate Release
			Oral - Modified Release
			Parenterals
			Preformulation
			Special Populations
		Primary Packaging	Compatibility
			Container Closure Integrity
			Extractables/Leachables
			New Materials
		Regulatory Considerations	(Sub)visible Particles
			Accelerated Approval Pathways
			Bioequivalence
			Biosimilars
			Innovative Technologies
			Inspections and GMP's
			Large Market Developments
			New Regulations and Guidances
			Risk Assessment Implementation
			Smaller Market Developments
			Stability Requirements

TRACK	SUBTRACK	PRIMARY TOPIC	SUBTOPIC
Manufacturing and Bioprocessing	Biomolecular	Automation	Computer Validation
			Other
		Biosimilar Manufacturing	Biosimilarity Assessment
			Patent Protection
			Other
		Drug Product Manufacturing and Development	Aseptic Technologies and Sterilization - Filling
			Aseptic Technologies and Sterilization - Filtration
			Aseptic Technologies and Sterilization - Mixing
			Aseptic Technologies and Sterilization - Other
			Cell Therapies
			Freezing and Thawing
			Lyophilization and Drying Technologies
			Manufacturing and Assembly of Drug/Device Combinations
			Manufacturing of Drug Delivery Systems
			Primary Packaging - Container Closure Integrity
			Primary Packaging - Syringes
			Primary Packaging Vials
			Primary Packaging - Other
			Process Optimization
			Protein Aggregation during Processing and Immunogenicity
			Secondary Packaging
			Storage Considerations
			Vaccines
			Viral and Non-viral Vectors and Gene Therapy
			Visible and Subvisible Particles
			Visual Inspection
			Other
		Drug Substance Manufacturing and Development	API Packaging and Storage
			Cell Line Development
			Cell Therapies
			Clonality Assessments
			Expression Systems
			Genetic and Cell Line Engineering
			Mammalian Cell Fermentation
			Media Development
			Microbial/Yeast Fermentation
			Process Optimization
			Protein Aggregation during Processing and Immunogenicity

Manufacturing and Bioprocessing	Biomolecular (continued)	Drug Substance Manufacturing and Development (continued)	Purification and Virus Removal
			Vaccines
			Viral and Non-viral Vectors and Gene Therapy
			Other
		General Aspects and Strategies	Change Control
			CMO Management
			Drug Master Files
			Drug Substance and Drug Product Shipment
			Electronic Records
			Handling Control Substances (DEA)
			Inspections and GMP
			Lean Manufacturing
			Life Cycle Management
			Manufacturing Economics
			Materials Management and Warehousing
			Regulatory Strategy
			Supply Chain
			Other
		Health, Safety, and Environment	Containment and Isolators
			High-Potent Drug Manufacturing
			OEL and PDE
			Other
		Innovative/Novel Processing Technologies and Concepts	For Use in Drug Product Manufacture
			For Use in Drug Substance Manufacture
			Other
		Integrated and Continuous Processing and Manufacturing	For Use in Drug Product Manufacture
			For Use in Drug Substance Manufacture
			Other
		Manufacture of Clinical Supplies	Blinding of Comparator Drugs
			Phase Appropriate GMP
			Other
		Plant Engineering and Maintenance	Clean Media
			Facility Design
			Media
			Media Fills
			Modeling and Scheduling Multiproduct Batch Plants
			Modular Manufacturing
			Plant Incident Investigations
			Other

Manufacturing and Bioprocessing	Biomolecular (continued)	Process Design and Controls	Cleaning Validation
			Control of Impurity Formation
			In-Process Controls
			Process Analytical Technology and Parametric/Real-Time Release
			Process Modeling and Simulations
			Process Validation
			QbD and Assessment of Process Parameters
			Scale-Up/Process Transfers
			Statistical Process Controls and Six Sigma
			Use of Prior Knowledge and Risk-Based Approaches
			Other
		Single-Use and Disposable Systems	For Use in Drug Product Manufacture
			For Use in Drug Substance Manufacture
			Leachables and Extractables
			Other
	Chemical	Automation	Computer Validation
			Other
		Drug Product Manufacturing and Development	Aseptic Technologies and Sterilization - Filling
			Aseptic Technologies and Sterilization - Filtration
			Aseptic Technologies and Sterilization - Mixing
			Aseptic Technologies and Sterilization - Other
			Freezing and Thawing
			Liquids Manufacture - Oral and Topical Liquids
			Liquids Manufacture - Other
			Lyophilization and Drying Technologies
			Manufacturing and Assembly of Drug/Device Combinations
			Manufacturing of Aerosols and DPI
			Manufacturing of Drug Delivery Systems
			Primary Packaging - Blisters
			Primary Packaging - Bottles
			Primary Packaging - Container Closure Integrity
			Process Optimization
			Secondary Packaging
			Semi-solids Manufacture - Cremes
			Semi-solids Manufacture - Liposomes, Solid Lipid Nanoparticles
			Semi-solids Manufacture - Other
			Solids Manufacture - Capsules
			Solids Manufacture - Powders
			Solids Manufacture - Tablets and Granules

Manufacturing and Bioprocessing	Chemical (continued)	Drug Product Manufacturing and Development (continued)	Solids Manufacture - Other
			Storage Considerations
			Visual Inspection
			Other
		Drug Substance Manufacturing and Development	API Kilo Lab
			API Packaging and Storage
			Control of Impurity Formation
			Crystal Structure/Polymorph Screening
			Crystallization Development
			Filtration
			Genotoxic Impurities
			Milling and Micronization Technologies
			Particle Size Control
			Process Chromatography
			Process Optimization
			Purification
			Other
		General Aspects and Strategies	Change Control
			CMO Management
			Drug Master Files
			Drug Substance and Drug Product Shipment
			Electronic Records
			Handling Control Substances (DEA)
			Inspections and GMP
			Lean Manufacturing
			Life Cycle Management
			Manufacturing Economics
			Materials Management and Warehousing
			Regulatory Strategy
			Supply Chain
			Other
		Generic Manufacturing	Patent Protection
			Pharmaceutical Equivalence Assessment
			Other
		Health, Safety, and Environment	Containment and Isolators
			Explosion Protection
			Green Chemistry
			High-Potent Drug Manufacturing

Manufacturing and Bioprocessing	Chemical (continued)	Health, Safety, and Environment (continued)	OEL and PDE
			Solvent Recovery
			Other
		Innovative/Novel Processing Technologies and Concepts	For Use in Drug Product Manufacture
			For Use in Drug Substance Manufacture
			Other
		Integrated and Continuous Processing and Manufacturing	For Use in Drug Product Manufacture
			For Use in Drug Substance Manufacture
			Other
		Manufacture of Clinical Supplies	Blinding of Comparator Drugs
			Phase Appropriate GMP
			Other
		Plant Engineering and Maintenance	Clean Media
			Facility Design
			Media
			Media Fills
			Modeling and Scheduling Multiproduct Batch Plants
			Modular Manufacturing
			Plant Incident Investigations
			Other
		Process Design and Controls	Cleaning Validation
			Control of Impurity Formation
			In-Process Controls
			Process Analytical Technology and Parametric/Real-Time Release
			Process Modeling and Simulations
			Process Validation
			QbD and Assessment of Process Parameters
			Scale-Up/Process Transfers
			Statistical Process Controls and Six Sigma
			Use of Prior Knowledge and Risk-Based Approaches
			Other
		Single-Use and Disposable Systems	For Use in Drug Product Manufacture
			For Use in Drug Substance Manufacture
			Leachables and Extractables
			Other

TRACK	SUBTRACK	PRIMARY TOPIC	SUBTOPIC
 Preclinical Development	Biomolecular	ADME	In Vitro - Metabolizing Enzymes
			In Vitro - Protein Binding
			In Vitro - Transporter
			In Vitro - Other
			In Vivo
			Pharmacokinetics
			Other
		Discovery	Biology - In Silico
			Biology - In Vitro
			Biology - In Vivo
			Biology - Receptor/Target Interactions
			Biology - Target Identification
			Biology - Other
			Biology/Efficacy - In Silico
			Biology/Efficacy - In Vitro
			Biology/Efficacy - In Vivo
			Chemistry - Structure Activity Relationships
			Chemistry - Other
			Conjugation
			Novel Drug Modality
			Payload-Linker Identification/Optimization
			Protein/Gene Engineering and Expression
			Receptor/Target Interactions
			Structure Activity Relationships
			Target Identification and Selection
			Vaccines - Antigen Evaluation
			Vaccines - Disease and Pathogen Evaluation
			Vaccines - Immunogenicity
			Vaccines - Innate/Adaptive Immunity
			Vaccines - Novel Delivery Strategies
			Vaccines - Parasite Biology
			Vaccines - Adjuvants
			Vaccines - Other
			Other
		OMICS	Genomics
			Metabolomics
			Proteomics

 Preclinical Development	Biomolecular (continued)	Safety	Cellular and Molecular Toxicity
			De-risking Strategies
			Immuno-toxicity
			IND Enabling Studies
			Mechanistic Toxicity
			Screening Toxicity Studies
			Other
		Translation	Drug-Drug Interactions
			Human Dose Projections - Allometric
			Human Dose Projections - Pharmacokinetics (PBPK)
			Human Dose Projections - Other
			Model Based Drug Development
			PK/PD
			Other
	Chemical	ADME	In Vitro - Metabolizing Enzymes
			In Vitro - Protein Binding
			In Vitro - Transporter
			In Vitro - Other
			In Vivo
			Pharmacokinetics
			Other
		Discovery	Biology - In Silico
			Biology - In Vitro
			Biology - In Vivo
			Biology - Receptor/Target Interactions
			Biology - Target Identification
			Biology - Other
			Chemistry - Structure Activity Relationships
			Chemistry - Other
			In Silico
			In Vitro
			In Vivo
			Novel Drug Modality
			Target Interactions
			Other
		OMICS	Genomics
			Metabolomics
			Proteomics

 Preclinical Development	Chemical (continued)	Safety	Cellular and Molecular Toxicology
			De-risking Strategies
			Immuno-toxicity
			IND Enabling Studies
			Mechanistic Toxicity
			Screening Toxicity Studies
			Other
		Translation	Drug-Drug Interactions
			Human Dose Projections - Allometric
			Human Dose Projections - Physiologically Based Pharmacokinetics (PBPK)
			Human Dose Projections - Other
			Model Based Drug Development
			PK/PD
			Other