Pre-Conference Short Courses*

Monday, June 18
- Morning, Afternoon & Dinner Short Courses* (10:00AM – 9:00PM)

Conferences

- **ONCOCITY & IMMUNO-ONCOCITY**
  - Preclinical Strategies, Models & Tools in Oncology
  - Tumoroids for Oncology Research

- **SCREENING TOOLS & TECHNOLOGIES**
  - iPS Cells for Disease Modeling and Drug Discovery
  - Phenotypic Screening and Chemical Biology

- **MEDICINAL CHEMISTRY**
  - Mastering Medicinal Chemistry Part 1
  - CNS Disease Models

- **CNS**
  - Blood-Brain Barrier

- **DRUG METABOLISM & TOXICITY**
  - Optimizing Drug Metabolism & Pharmacokinetics

- **VESICLES & NANOPARTICLES**
  - NanoDrugs: Design and Delivery

- **DISEASE MODELING**
  - Preclinical Strategies, Models & Tools in Oncology
  - Tumoroids for Oncology Research

- **IMMUNO-ONCOCITY**
  - Preclinical Strategies, Models & Tools in Oncology
  - Tumoroids for Oncology Research

- **3D CELLULAR MODELS**
  - 3D Cellular Models

- **NEXT-GEN GENOMICS: LEVERAGING CRISPR & SINGLE-COMBS**
  - Next-Gen Genomics: Leveraging CRISPR & Single-Cells

- **HIGH-CONTENT ANALYSIS**
  - High-Content Analysis

- **TRANSLATIONAL STRATEGIES IN CNS**
  - Translational Strategies in CNS

- **PREDICTING DRUG TOXICITY**
  - Predicting Drug Toxicity

- **EXTRACELLULAR VESICLES**
  - Extracellular Vesicles

- **IMMUNO-ONCOCITY TARGETS**
  - Immuno-Oncology Targets

- **TUMOR MODELS FOR CANCER IMMUNOTHERAPY**
  - Tumor Models for Cancer Immunotherapy

- **3D CELLULAR MODELS**
  - 3D Cellular Models

- **PREDICTING DRUG TOXICITY**
  - Predicting Drug Toxicity

- **TRANSLATIONAL STRATEGIES IN CNS**
  - Translational Strategies in CNS

- **PREDICTING DRUG TOXICITY**
  - Predicting Drug Toxicity

- **EXTRACELLULAR VESICLES**
  - Extracellular Vesicles

- **TUMOR MODELS FOR CANCER IMMUNOTHERAPY**
  - Tumor Models for Cancer Immunotherapy

- **3D CELLULAR MODELS**
  - 3D Cellular Models

Plenary Keynote Program (1:00 – 2:30PM)

Training Seminars

- **Tuesday, June 19 - Wednesday, June 20**
  - TS1A: Introductory Immunology for Autoimmune and Cancer Drug Discovery
  - TS2A: Applying Pharmacology to New Drug Discovery
  - TS3A: Genome Editing with Targeted Nucleases
  - TS4B: Introduction to Small Molecule Drug Discovery and Development
  - TS5B: Practical Introduction to PKPD Modeling in Drug Discovery and Development
Conferences by Category

**ONCOLOGY & IMMUNO-ONCOLOGY**
- Preclinical Strategies, Models & Tools in Oncology
- Tumoroids for Oncology Research
- Immuno-Oncology Targets
- Tumor Models for Cancer Immunotherapy

**SCREENING TOOLS & TECHNOLOGIES**
- iPS Cells for Disease Modeling and Drug Discovery
- Phenotypic Screening and Chemical Biology
- 3D Cellular Models
- Next-Gen Genomics: Leveraging CRISPR & Single-Cells
- High-Content Analysis

**MEDICINAL CHEMISTRY**
- Mastering Medicinal Chemistry Part 1
- Mastering Medicinal Chemistry Part 2

**CNS**
- CNS Disease Models
- Blood-Brain Barrier
- Translational Strategies in CNS

**DRUG METABOLISM & TOXICITY**
- Predicting Drug Toxicity
- Optimizing Drug Metabolism & Pharmacokinetics

**VESICLES & NANOPARTICLES**
- NanoDrugs: Design and Delivery
- Extracellular Vesicles

**DISEASE MODELING**
- Preclinical Strategies, Models & Tools in Oncology
- Tumoroids for Oncology Research
- Tumor Models for Cancer Immunotherapy
- 3D Cellular Models
- iPS Cells for Disease Modeling and Drug Discovery
- CNS Disease Models