### Pre-Conference Short Courses*

**Monday, June 18**

<table>
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<tr>
<th>Morning, Afternoon &amp; Dinner Short Courses* (10:00AM – 9:00PM)</th>
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### Main Conferences

#### Tuesday, June 19

- **ONCOLOGY & IMMUNO-ONCOLOGY**
  - Preclinical Strategies, Models & Tools in Oncology
  - Tumoroids for Oncology Research
  - iPS Cells for Disease Modeling and Drug Discovery
- **SCREENING TOOLS & TECHNOLOGIES**
  - Phenotypic Screening and Chemical Biology
- **MEDICINAL CHEMISTRY**
  - Mastering Medicinal Chemistry Part 1
- **CNS**
  - CNS Disease Models
- **DRUG METABOLISM & TOXICITY**
  - Optimizing Drug Metabolism & Pharmacokinetics
- **VESICLES & NANOPARTICLES**
  - NanoDrugs: Design and Delivery

#### Wednesday, June 20

- **ONCOLOGY & IMMUNO-ONCOLOGY**
  - Preclinical Strategies, Models & Tools in Oncology
  - Tumoroids for Oncology Research
  - iPS Cells for Disease Modeling and Drug Discovery
- **SCREENING TOOLS & TECHNOLOGIES**
  - Phenotypic Screening and Chemical Biology
- **MEDICINAL CHEMISTRY**
  - Mastering Medicinal Chemistry Part 1
- **CNS**
  - CNS Disease Models
- **DRUG METABOLISM & TOXICITY**
  - Optimizing Drug Metabolism & Pharmacokinetics
- **VESICLES & NANOPARTICLES**
  - NanoDrugs: Design and Delivery

#### Thursday, June 21

- **ONCOLOGY & IMMUNO-ONCOLOGY**
  - Immuno-Oncology Targets
  - Tumor Models for Cancer Immunotherapy
  - 3D Cellular Models
- **SCREENING TOOLS & TECHNOLOGIES**
  - Next-Gen Genomics: Leveraging CRISPR & Single-Cells
  - High-Content Analysis
- **MEDICINAL CHEMISTRY**
  - Mastering Medicinal Chemistry Part 2
- **CNS**
  - CNS Disease Models
- **DRUG METABOLISM & TOXICITY**
  - Predicting Drug Toxicity
- **VESICLES & NANOPARTICLES**
  - Extracellular Vesicles

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

- Preclinical Strategies, Models & Tools in Oncology
- Tumoroids for Oncology Research
- iPS Cells
- CNS Disease Models

### Dinner Short Courses* (6:00 – 9:00PM)

- **ONCOLOGY & IMMUNO-ONCOLOGY**
  - Immuno-Oncology Targets
  - Tumor Models for Cancer Immunotherapy
  - 3D Cellular Models
- **SCREENING TOOLS & TECHNOLOGIES**
  - Next-Gen Genomics: Leveraging CRISPR & Single-Cells
  - High-Content Analysis
- **MEDICINAL CHEMISTRY**
  - Mastering Medicinal Chemistry Part 2
- **CNS**
  - CNS Disease Models
- **DRUG METABOLISM & TOXICITY**
  - Predicting Drug Toxicity
- **VESICLES & NANOPARTICLES**
  - Extracellular Vesicles

### Training Seminars

- **Tuesday, June 19**
  - TS1: Introductory Immunology for Autoimmune and Cancer Drug Discovery
  - TS2: Practical Introduction to PKPD Modeling in Drug Discovery and Development
  - TS3: Genome Editing with Targeted Nucleases

- **Wednesday, June 20 - Thursday, June 21**
  - TS4: Introduction to Small Molecule Drug Discovery and Development
  - TS5: Applying Pharmacology to New Drug Discovery
  - TS6: Patient-Derived ASC-Organoids for Drug Development and Screening, Patient Stratification and Regenerative Medicine
Main Conference Meetings 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**
- iPSC 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
- iPSC Cells for Disease Modeling and Drug Discovery
- CNS Disease Models