

ASPET 2026 Abstract Topic Categories



Cancer Pharmacology

- 1.1 Cancer Models
- 1.2 Novel Drug Targets and Signaling Pathways in Cancer
- 1.3 Mechanisms of Cancer Therapy
- 1.4 Drug Resistance Mechanisms
- 1.5 Targeting the Tumor Microenvironment
- 1.6 Pharmacogenomics
- 1.7 Cancer Therapy and Precision Oncology
- 1.8 AI in Cancer Pharmacology
- 1.9 Cancer - All Other Topics

Cardiovascular Pharmacology

- 2.1 Vascular Pharmacology
- 2.2 Cardiac Pharmacology
- 2.3 Renal Pharmacology
- 2.4 Hypertension
- 2.5 Diabetes and Cardiovascular Disease
- 2.6 Cardio-oncology
- 2.7 Artificial Intelligence in Cardiovascular Pharmacology
- 2.8 Cardiovascular Pharmacology - All Other Topics

Cellular and Molecular Pharmacology

- 3.1 Receptor Trafficking, Desensitization, and Internalization
- 3.2 Allosterism and Biased Ligands
- 3.3 Novel Pathways and Targets
- 3.4 Modeling, Mutations, and Structural Studies
- 3.5 Receptors and Signal Transduction: General
- 3.6 GPCR
- 3.7 Molecular Pharmacology - All Other Topics

Behavioral Pharmacology

- 4.1 Substance Use Disorder - Behavioral Studies
- 4.2 Pain – Behavioral Studies
- 4.3 Neuropsychiatric Disorders – Behavioral Studies
- 4.4 Adverse Drug Effects – Behavioral Studies
- 4.5 Medications Development – Behavioral Studies
- 4.6 Behavioral Model / Assay Development
- 4.7 Behavioral Pharmacology - All Other Topics

Neuropharmacology

- 5.1 Substance Use Disorder - Cellular and Molecular
- 5.2 CNS Receptors, Transporters and Channels
- 5.3 Pain / Traumatic Injury / Neurodegeneration
- 5.4 Neurological and Neuropsychiatric Disorders
- 5.5 Neuropharmacology - All Other Topics

Drug Discovery and Development

- 6.1 AI-Powered Drug Design and Development
- 6.2 Drug Repurposing and Combination Therapies
- 6.3 Targeted and Novel Drug Delivery Systems
- 6.4 Drug Target-Engagement and Drug-Biomarker Studies
- 6.5 De Novo Drug Design (Virtual Screening or Structure Based Drug Design or HTS)
- 6.6 Humanized/non-rodent (in vitro/ex vivo) Models for Drug Screening and Development
- 6.7 DDD - Natural Products
- 6.8 Drug Discovery and Development - All Other Topics

Drug Metabolism and Disposition (DMD)

- 7.1 DMD - Pharmacokinetics/Modeling
- 7.2 DMD - Metabolic Enzymes
- 7.3 DMD - Transporters
- 7.4 DMD - Regulation
- 7.5 DMD - Drug-drug Interactions
- 7.6 DMD - All Other Topics

Translational and Clinical Pharmacology

- 8.1 Translational Research (e.g. preclinical pharmacology, new approach methods, AI)
- 8.2 Clinical Pharmacology (e.g. pharmacogenomics, therapeutic drug monitoring, AI)
- 8.3 Drug Delivery and Precision Medicine
- 8.4 Integrated Physiological Systems and Metabolic Pharmacology
- 8.5 Gastrointestinal and Microbiome Pharmacology
- 8.6 Pharmacology of Inflammation and Infectious Disease
- 8.7 Pharmacology of Natural Products
- 8.8 Translational and Clinical Pharmacology - All Other Topics

Pharmacology Education

- 9.1 Pharmacology Education

Toxicology

- 10.1 Biochemical/Mechanistic Toxicology
- 10.2 Liver Toxicology
- 10.3 Neurotoxicology
- 10.4 In Vitro Toxicology
- 10.5 Inflammation and Tissue Injury
- 10.6 Toxicology - Natural Products
- 10.7 Toxicology - All Other Topics

Other Topics

- 11.1 Health Disparities
- 11.2 Policy and Advocacy
- 11.3 All Other