### ASPET 2023 Abstract Topic Categories

**Cancer Pharmacology**
- 1.1 Cancer Models
- 1.2 Drug Targets in Cancer
- 1.3 Anticancer Drug Response
- 1.4 Cancer Cell Signaling
- 1.5 Cancer Therapy
- 1.6 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 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

**Central Nervous System Pharmacology - Behavioral**
- 4.1 Drugs of Abuse and Addiction - Behavior
- 4.2 Behavioral Pharmacology - All Other Topics

**Central Nervous System Pharmacology - Neuropharmacology**
- 5.1 Drugs of Abuse and Addiction - Cellular and Molecular
- 5.2 CNS Transporters and Channels
- 5.3 Neuropharmacology - All Other Topics

**Drug Discovery and Development**
- 6.1 Drug Discovery and Development

**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 - All Other Topics

**Pharmacogenomics and Translational Pharmacology**
- 8.1 Translational Research
- 8.2 Clinical Pharmacology
- 8.3 Preclinical Pharmacology
- 8.4 Metabolic Pharmacology
- 8.5 Quantitative Systems / Precision Medicine
- 8.6 Regenerative Pharmacology
- 8.7 GI Pharmacology
- 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 Natural Products
- 10.7 Toxicology - All Other Topics

**Other Topics**
- 11.1 COVID-19
- 11.2 Perspectives in Global Health
- 11.3 Showcasing the Null Hypothesis
- 11.4 Health Disparities
- 11.5 All Other