# ASPET 2024 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

## Neuropharmacology
5.1 Drugs of Abuse and Addiction - 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 Drug Discovery and Development (DDD)  
6.2 DDD - Natural Products

## 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

## Translational Systems and Clinical 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 Network Pharmacology  
8.7 Gastrointestinal and Microbiome Pharmacology  
8.8 Integrated Physiological Systems Pharmacology  
8.9 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 COVID-19  
11.2 Health Disparities  
11.3 Policy and Advocacy  
11.4 All Other