[Date]

[Address Box]

[Salutation]

[Specific proposal information provided by requestor]

CPAC supports drug discovery, development, and precision therapeutics research by providing analytical methods to assess endogenous and exogenous small molecules (drugs, metabolites, and new chemical entities) in a variety of matrices. We also provide in vitro ADME assays, including solubility, stability, metabolic clearance, and protein binding assays, formulation support and analytical detection (LC-MS/MS) of compounds in a variety of biological matrices.

We are confident that CPAC is well-positioned to provide the support necessary for this project. CPAC has three high-end UHPLC-MS/MS systems (two Sciex 6500+ QTRAP, one Sciex 5500 QTRAP) one HPLC-MS/MS system coupled to a photodiode array detector (Thermo TSQ Quantum Ultra, Dionex 3000 PDA) and the necessary laboratory equipment and technical support for this project. With nearly two decades of experience in providing pharmacological analytical services and support, we are confident we have the capability and expertise to support your project.

Working in concert with CPAC, the Indiana CTSI Modeling and Simulation Program provides computational resources and expertise in pharmacokinetic (PK) and pharmacodynamic (PD) modeling to support model-informed drug development, including noncompartmental, compartmental, population PK, and physiologically-based PK analyses, and extrapolation to support first-in-human dosing.

[If using PMTC: CPAC and the Modeling Program works closely with the Preclinical Modeling and Therapeutics Core, which conducts in vivo PK studies in mice. The cores are located within adjacent and connected buildings, facilitating communication and transfer of samples].

We are excited to support [PI’s name and closing remarks].

Sincerely,

Sara K. Quinney

Professor

Obstetrics and Gynecology

Division of Clinical Pharmacology, Department of Medicine

Director, Indiana CTSI Modeling and Simulation Program

Scientific Director, IUSCCC Clinical Pharmacology Analytical Core (CPAC)