

Toxicology and Efficacy Studies in Large Animals

For studies in large-animal species, WuXi AppTec has developed an affiliate relationship with partner CROs – Sinclair Research Center and Xenometrics – to provide our clients with additional testing capabilities. Sinclair Research Center specializes in efficacy and safety studies in pigs, dogs and non-human primates (NHP). Xenometrics specializes in testing services compliant with ICH S7A and S7B (Safety Pharmacology).

WuXi AppTec is a global leader in providing discovery, testing and manufacturing services for the pharmaceutical, biotechnology and medical device industries. Research-driven and customer-focused, with operations in China and the U.S., WuXi AppTec offers a broad and integrated portfolio of services designed to assist our customers with cost-effective and efficient outsourcing solutions.

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Testing Programs

Dermal Studies

For products such as topicals, drug eluting patches, devices (dermal fillers) and wound healing

Ocular Studies

Animal models include rodents, rabbits, miniature swine, and NHPs

In Vivo Safety Pharmacology Studies

- Cardiovascular: Radiotelemetry, hERG (*in vitro*)
- Respiratory: Plethysmography, Blood Gas Analysis
- Central Nervous System: Irwin Test, Figure-Eight Maze, Cognition, Functional Observational Battery (FOB)

Absorption, Distribution, Metabolism, and Elimination Drug Studies (ADME)

Radiolabeled and non-radiolabeled studies

Pharmacokinetic Studies

Specializing in high-volume, cost-effective non-GLP discovery PK studies in rodents and non-naïve dogs, pigs and NHPs, with vascular access ports. GLP PK studies also available in all species.

Neonatal and Pediatric Drug Studies in Dogs and Miniature Swine

Phototoxicity in Miniature Swine

Studies in Specialized Animal Models

Diabetic Miniature Swine – Type I and Type II • Atherosclerotic Miniature Swine
Osteopaenic Miniature Swine • Ventral Septal Defect in Miniature Swine

Program Features

- In-house chemistry, histology interpretation and clinical pathology evaluation
- Model development and evaluation
- Protocol development and reporting
- FDA/Regulatory guidance
- Study direction, QA and final report issuance performed by WuXi AppTec

WuXi AppTec also offers custom implant studies, plus complete biocompatibility/safety testing and toxicology studies.

For more information on WuXi AppTec's services please contact:

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