

PARTNERSHIP

It's what turns services into solutions.



DMPK

INSIGHT. *It's how your candidates become real contenders.*

DMPK studies can provide critical data during discovery and development of pharmaceutical and agrochemical products.

PROVIDING
SCIENTIFIC INPUT
TO INFLUENCE
SELECTION OF
LEAD DRUG
CANDIDATES

Frontage's DMPK services, performed in accredited facilities, can help support lead drug candidate or chemical

selection, or help you meet specific regulatory requirements.

For pharmaceuticals, we offer extensive drug metabolism and pharmacokinetic capabilities for new chemical entities and compounds in development. For agrochemicals, DMPK services include comprehensive residual analyses, syntheses of metabolite standards and GLP mass balance studies with radiolabeled compounds.

At Frontage, our scientific staff applies proven techniques and best-in-class approaches to generate data for critical milestones and decision making during drug discovery and development. Knowledge gained from the range of studies conducted yearly gives us the broad and in-depth expertise to advise clients on appropriate study design, conduct and regulatory pathways.

DRUG DISCOVERY & DEVELOPMENT

- *In vitro* ADME studies
- *In vivo* ADME studies
- Non-GLP bioanalytical studies
- Pharmacokinetic studies
- Radiolabeled studies
- Metabolites in safety testing (MIST) for clinical compounds

AGROCHEMICAL SERVICES

- Animal, plant and soil metabolism
- *In vitro/In vivo* studies
- GLP mass balance studies
- Bioanalytical studies
- Chemistry support
- Syntheses of metabolite standards
- Physical/chemical profiling
- Product certification
- Formulation stability

AUTOMATION FOR INCREASED PRECISION AND EFFICIENCY

Frontage offers advanced automation instrumentation for *in vivo* ADME, *in vitro* ADME

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and bioanalytical studies. Our current liquid handling platforms include Tecan and Tomtec.

Automation for *in vivo* PK studies minimizes animal usage/handling and accelerates study timelines while maintaining high-quality data.

QUALITY ASSURED

Frontage offers a multi-layered approach to quality assurance. We maintain strict control of our lab environment, beginning with the use of stringent standard operating procedures (SOPs). Temperature controls and ultra-low temperature freezers help preserve data quality and specimen integrity.

All studies are conducted in accordance with Frontage's SOPs, and in compliance with regulatory agencies' requirements (e.g. FDA and EPA).

FRONTAGE'S COMMITMENT

High-quality DMPK studies can assure strong lead candidate selections and successful regulatory submissions for pharmaceutical and agrochemical products. Rely on Frontage as your discovery and development partner. We are committed to helping you achieve your objectives.



Frontage Laboratories, Inc. is a CRO providing integrated, scientifically-driven research, analytical and development services throughout the drug discovery and development process to enable biopharmaceutical companies to achieve their drug development goals. We offer our clients comprehensive services in analytical testing and formulation development, drug metabolism and pharmacokinetics (DMPK), bioanalysis, preclinical safety and toxicology and early phase clinical studies. We have enabled many innovator, generic and consumer health companies of all sizes to file IND, NDA, ANDA, BLA and 505(b)(2) submissions in global markets allowing for successful development of important therapies and products for patients. We have successfully assisted clients to advance hundreds of molecules through development to commercial launch in global markets. We are committed to providing rigorous scientific expertise to ensure the highest quality and compliance.

FOR MORE INFORMATION, CONTACT US AT: sales@frontagelab.com **OR VISIT US AT:** frontagelab.com

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