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Principal Scientist PK/ADME (lg molecule)

Hiring organization
CarterMacKay

Date posted
September 9, 2025

Description

Responsibilities:

- Acts as a DMPK representative on project teams providing scientific and strategic input
- Design, execute, and manage the conduct, interpretation, and reporting of in vitro drug metabolism data, in vivo PK studies, and PK-PD studies
- Prepare data summaries and presents results to peers, colleagues, project teams and leadership
- Oversee outsourcing partners of DMPK studies, ensuring partners adhere to contractual standards, within budget
- Provides expert level contribution in the preparation and review of regulatory submissions
- Integrate in vitro ADME, in vivo PK, and PK/PD endpoints with discovery biology data to define structure activity- and structure-property-relationships to guide optimization strategies
- Develop data visualization strategies to ensure consistent data interpretation across project teams to drive portfolio decisions
- Aid in ADME knowledge management
- Effectively partner to apply innovative mechanistic modeling approaches to translate and predict human PK, inform clinical plans, and support compound registration
- Will provide mentorship to and frequently supervise the day-to-day work of less experienced team members

Requirements:

- PhD or equivalent and 4+ years of relevant experience; may include postdoc experience
- Demonstrated results/experience in working with interdisciplinary teams
- Working knowledge of the principles of ADME and pharmacokinetics
- Solid understanding of organic/medicinal chemistry
- Strong communication skills (written and verbal)
- Ability to lead, guide and influence teams in decision making
- Proficient in analyzing and visualizing multi-dimensional scientific data
- Excellent communication, problem-solving, analytical thinking skills
- Excellent project management skills
- Ability to mentor and direct the day-to-day work of less experienced team members
- Expertise acting as a large molecule DMPK representative on discovery teams
- Ability to work as part of and lead multiple teams
- Excellent written and verbal communication skills
- Evaluate and apply innovative PK and PK/PD approaches to predict human PK, using modeling to help generate hypotheses, design studies, inform clinical plans, and support registration

Contacts

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