Lead Optimization

Pharmacology and Toxicology
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Accelerating candidate selection starts here

Enhancing efficiency, minimizing costs—right from the start

Lead optimization (LO) is one of the most expensive and time-consuming stages of the drug development process. Multiple factors make it more challenging given the need to improve the probability of technical success:

• The number of LO programs running simultaneously
• The number of molecules within each of those programs
• The need for integrated safety and efficacy endpoints
• The need for reproducible, decision-driving data
Optimize your study investment

The right expertise and resources to maximize the value of your study

By optimizing your LO process you can:

• Resolve issues faster
• Spend less time pursuing unsuitable compounds
• Focus resources on most likely candidates

By partnering with Covance, you benefit from the answers provided by our broad range of service lines and our ability to add multiple endpoints to your studies.
Increase your probability for technical success

Integrated capabilities, successful solutions

By integrating toxicology and in vivo pharmacology studies into your LO project, Covance can help you identify issues as early as possible.
Experience that inspires innovation

Collaboration that optimizes your development

When you partner with Covance, you will work collaboratively with a dedicated team of experts assigned specifically to your project—sharing information, identifying and interpreting findings, and providing you with the critical information you need to move forward with a successful candidate while prioritizing your LO pipeline. This strong and productive relationship will continue until our team enables you to achieve your goal: the selection of a successful candidate for further development.

We’re ready to help you succeed

For more information, contact your account executive or visit us online at www.covance.com/leadoptimization.