Clarivate Cortellis™

Case Study | University of Luxembourg

Quickly identifying gene-gene interactions to confidently support critical go/no-go decisions

Prior to using MetaCore™, a Cortellis™ solution, researchers at the University of Luxembourg did not have a clear understanding of their drug's impact on disease.

The organization now predicts how its drug may perform in animal or human testing by putting its own research data in the context of prior research, leveraging MetaCore's robust data covering:

- over 2M molecular interactions with directionality, mechanism, and effect,
- over 1,500 pathway maps covering regulatory, disease, metabolic and toxicity characteristics and
- over 1,100 manually curated, validated networks.

MetaCore has helped the University of Luxembourg to:

- have greater confidence in its decisions by rapidly generating and validating hypotheses,
- make critical go/no-go decisions regarding which drugs to push through the development lifecycle,
- save money by reducing efforts spent on unsuccessful research and
- save four to five hours per week due to increased productivity.

"[MetaCore] made our lives much easier by extracting authenticated and valid information about the gene-gene interactions in a relatively short time."

Muhammad Ali, Bioinformatician, University of Luxembourg

For more information on how MetaCore can accelerate innovation for your organization, visit our website at:

clarivate.com/cortellis

This case study is based on a March 2020 survey of MetaCore customers by a third-party research service.