



With an unparalleled knowledge base and a truly unique collaborative process, NuChem Sciences propels the dream of a potential breakthrough into a workable reality.

NuChem Sciences is a Contract Research Organization (CRO) specialized in R&D and pre-clinical studies for small drug discovery. We work alongside our clients through their drug development process to find or develop new drugs that can treat various human diseases such as cancer, neurology, pain, metabolic and orphan diseases.

# Drug Development Process

**NuChem Activities** 

Discovery and Development

Preclinical Research Clinical Research FDA Review FDA Post-Market Safety Monitoring



## **Chemistry**

Leveraging all data sources combined with perfect chemistry execution and discovery experience establishes chemistry that **Revisit Possible™**.

- Synthetic Chemistry
- Medicinal Chemistry
- CMC Process Chemistry
- Computational Chemistry
- Analytical Chemistry & Purifications



#### in vitro Biology

**Biochemistry** and **Cell Biology** working together to answer key questions and go **Beyond the Kit™**.



#### in vivo Pharmacology

Study the **biological effects** of a compound in **living organisms** to **Understand your Drug's Profile** through reliable and trustable data.



## **Structural Biology**

**Crystallography** and **protein production** are key to understanding how drugs interact with proteins. The basis of our **Target Insight™** approach.



## **Working at NuChem**

- A proven track record
- An unparalleled knowledge base
- A culture of innovation
- +300 Employees
- 6 Sites
- Montreal & Quebec City



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Transform Ideas
Through Science