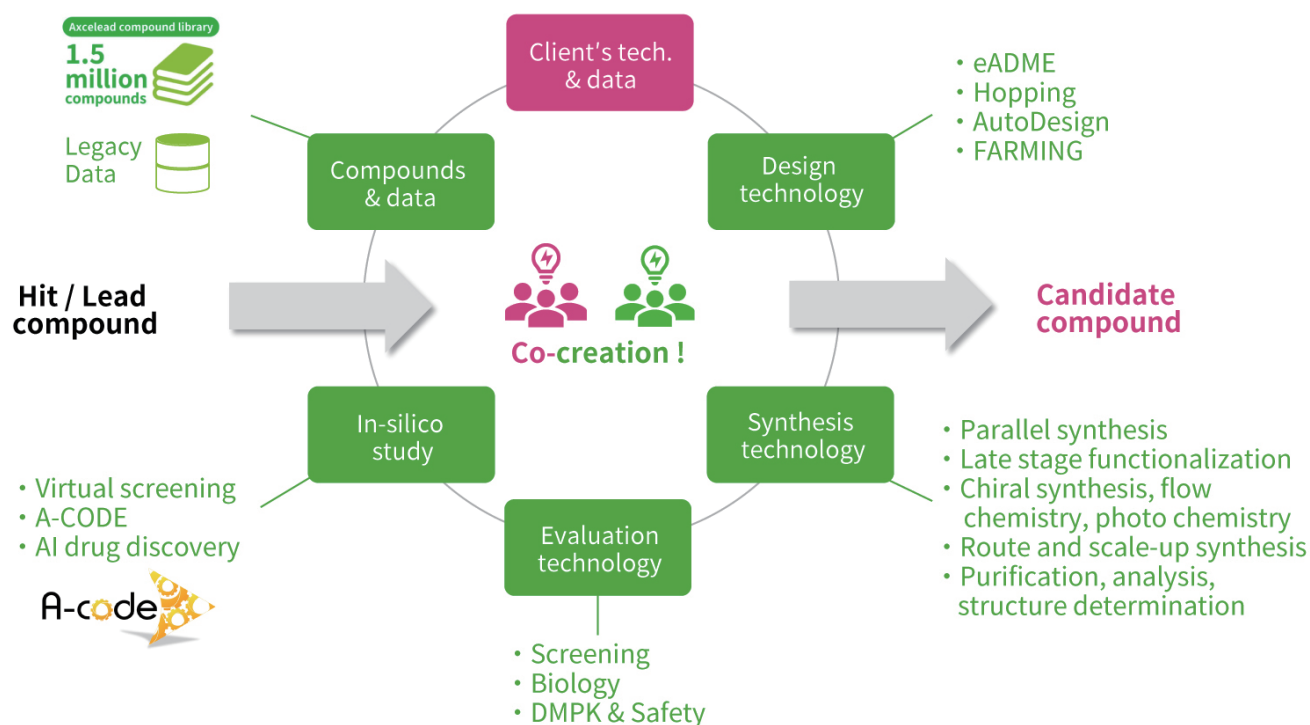


All-in-One Solutions for Candidates Generation

Axcelead offers integrated capabilities spanning the Lead Generation/Optimization process. Our scientists, with their wealth of knowledge and experience, keep the project moving forward through high-level “design, synthesis, evaluation and analysis” cycle. Our exceptional discovery engine improves success rates for small molecule and peptide drug discovery campaigns.

Client's technology & data × Axcelead's technology, data & cmpds



What is A-code?

Axcelead high performance
COmputing systems
 for **D**rug **d**Esign



Proprietary development to
 accelerate and challenge
 drug discovery

■ >18 original in silico systems

- SBDD systems with MD as core technology
- LBDD systems
- Knowledge system based on a vast amount of measurement data
- Cheminformatics systems, AI systems

■ Large-scale computer

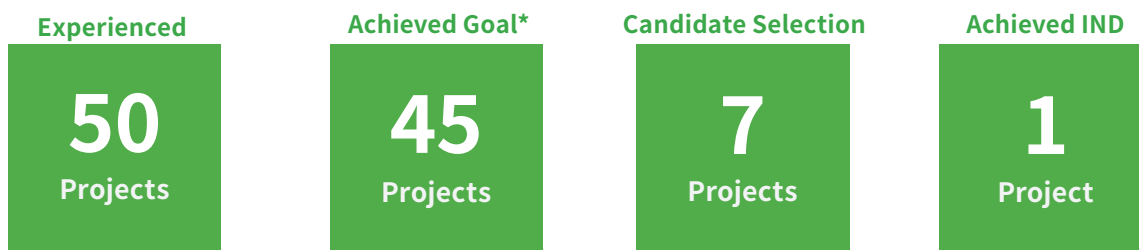
- GPU machines
- 2000 CPU cluster machines

■ Continuous development

- **AutoDesign** (2019/03)
- MD simulation for peptides (2021/03)
- **FARMING system** (2022/04)
- **AI platforms** (under developing)

Key to Success for Candidate Generation

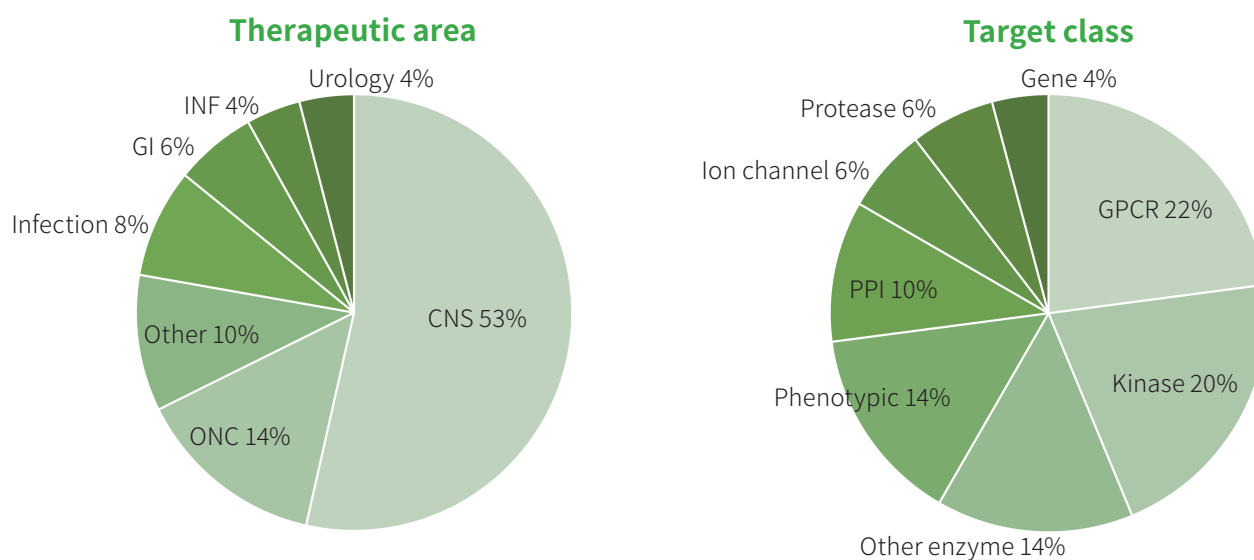
Extensive experience: Track record of LG/LO from 2017 to 2022



*Preselected goal, such as Lead identification, Candidate Nomination, etc.


Superior medicinal chemist's expertise

Axcelead has been involved in many drug discovery PJs (LG/LO), covering major therapeutic areas and target classes.



Sophisticated integrated solutions

Axcelead offer highly advanced and comprehensive drug discovery solutions increasing chance of success.

		Synthetic CROs	Medicinal Chemistry CROs	Specialized Service CROs
Rational drug design	✓		✓	✓
Advanced synthetic chemistry capability	✓	✓		✓
Rich experience and deep knowledge in drug discovery	✓			
Legacy drug discovery data and compound library	✓			
High-speed and high-quality DMTA cycle	✓			

