




# How to Select the **Right** **Service Provider** for Cancer Therapy Development

 [www.alfacytology.com](http://www.alfacytology.com)

 [info@alfacytology.com](mailto:info@alfacytology.com)

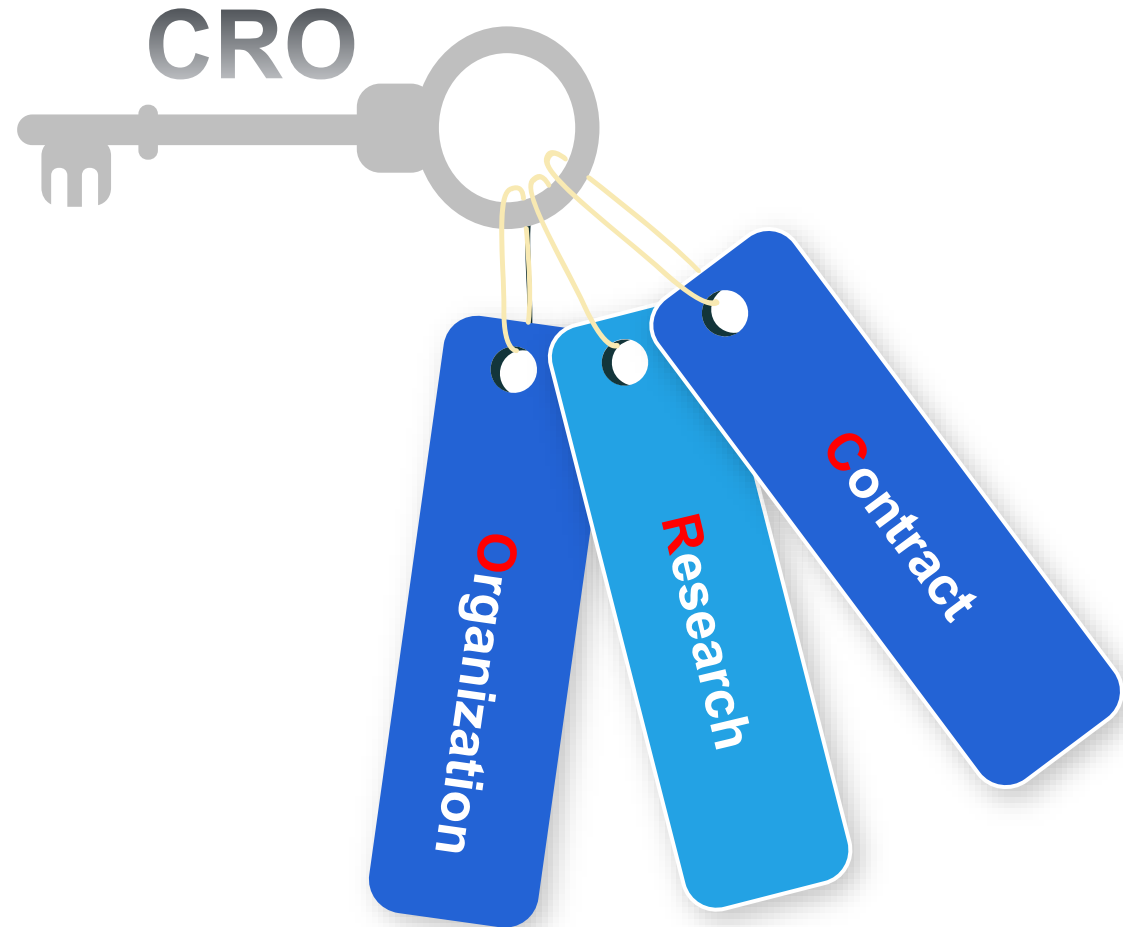
 1-516-441-0170

 500-B Wheeler Rd, Hauppauge, NY 11788, USA



## What is CRO?

CRO are specialized entities that offer research services on a contractual basis to innovators. CRO can provide essential drug development services; and also provide expertise in data management, regulatory affairs, and quality assurance.





# The Growth of CRO Market

## Benefits to Choose CRO



Save on Infrastructural Costs



Accelerated Project Pace



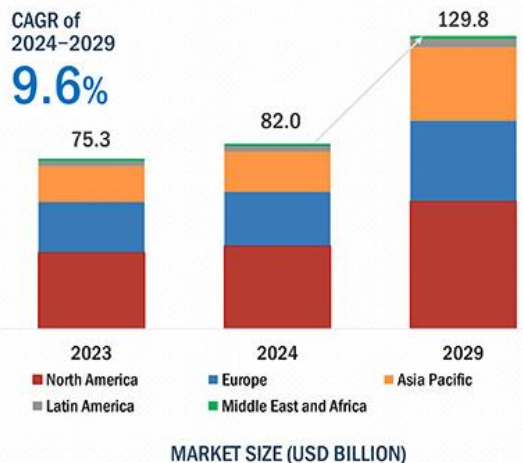
Benefit from Focused Expertise

## Growth of CRO Market

- Growing R&D activities
- Increasing number of clinical trials



- Growing at a CAGR of **10.4%** till 2030.
- Market is estimated to reach **\$142.56 Billion** by 2030.





# The Types of CRO

## By Services

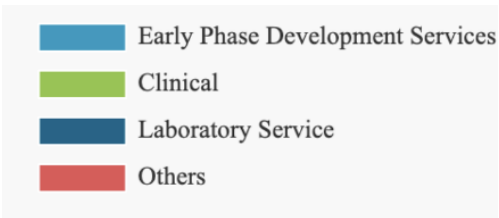
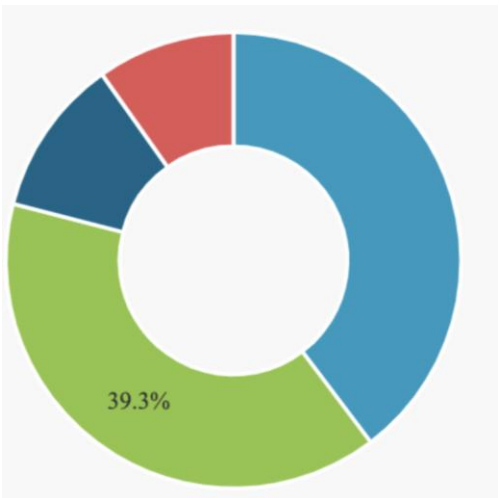
### Specialty CRO

Focus on specific functioning areas, such as statistical analysis, patient recruitment, or data management.

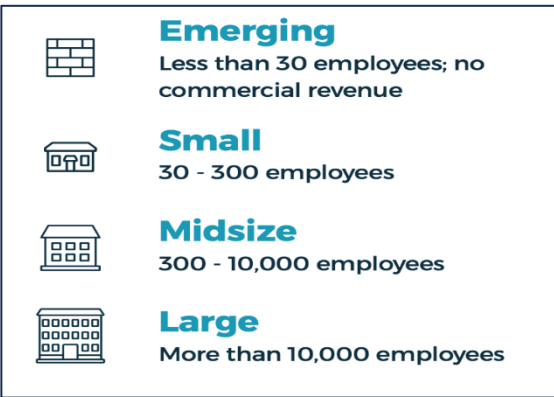
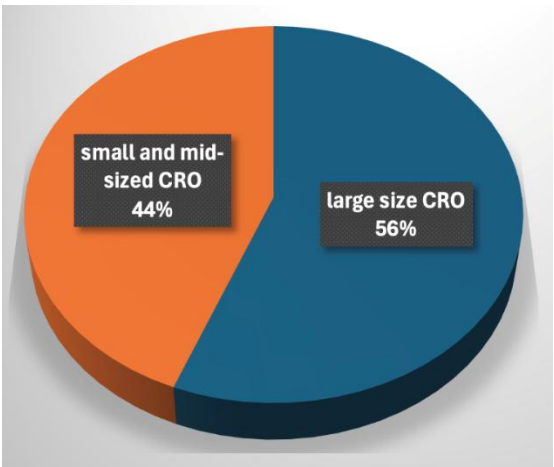
### Full CRO

Offering a wide range of services across all phases of drug research, from study design to data analysis.

## By Stage



## By Company Size



# Full CRO V.S. Specific CRO

## Full CRO

Offers a wide range of services but may not be experts in every area.

Tends to be more expensive due to the wide range of services offered.

Can handle every aspect of a drug discovery in-house.

Can create a cohesive campaign that aligns with the flow.

Some aspects of a drug discovery may not be executed as effectively as they could be.

Expertise

Cost

Convenience

Cohesiveness

Quality

## Specific CRO

Focuses on one or a few areas of drug discovery and has a deep understanding of their area of expertise.

Tends to be more expensive due to the wide range of services offered.

May require working with multiple CROs to advance project.

May require coordination between multiple specialized CROs to ensure the proceed.

Can often execute campaigns more efficiently and effectively than a full-service agency.

# Preclinical CRO V.S. Clinical CRO

|                         | Preclinical CRO   | Clinical CRO   |
|-------------------------|---|--|
| Study Subjects          | <i>In vitro</i> models (cell cultures or isolated tissues).<br><i>In vivo</i> animal models (mice or rats).   | Human patient.   |
| Study Aim               | To evaluate product's effects on specific biological processes or disease pathways and provide information about safety, efficacy, and pharmacokinetics in a living system.   | To evaluate the product's safety, tolerability, and effectiveness directly in the target population.   |
| Regulatory Requirements | GLP (Good Laboratory Practice).   | GCP (Good Clinical Practice ) regulation.  |
| Duration and Cost       | Shorter and costless.   | Longer and more costly.  |
| Objectives              | Assess a new treatment's safety, toxicity, and efficacy before it can be tested in humans. Help identify potential adverse effects, establish safe dosing ranges, and provide initial evidence of the product's effectiveness in treating a disease or condition. | Evaluate the safety, efficacy, and optimal dosing of a new treatment in human volunteers. They provide the necessary evidence to determine whether a new therapy is safe and effective for widespread patient use. |



## Mid-small CRO V.S. Large CRO

### Mid-small CRO

### Large CRO

#### Cost

Lower overhead expenses: fewer employees, less office space, and lower administrative costs.

More standardized pricing structures that are less customizable or cost-effective for every project.

#### Business Model

More flexible and adaptable in their business models: offering customized solutions or more personalized attention, which can be particularly beneficial for smaller or niche projects.

Offer more extensive resources and a global presence.

#### Operation

Operate with a leaner structure, which can lead to cost savings that are passed on to clients.

Higher operational costs due to their extensive resources, global network, and compliance requirements across multiple regions.

#### Staff Experience

Have niche expertise in specific therapeutic areas or technologies, making them a better fit for projects that require specialized knowledge.

Often combine their teams and projects, and these same staff often don't have the expertise and background.

#### Access to Senior Staff

Have a more direct and accessible leadership team, allowing for faster decision-making and easier communication throughout the project.

Have a more complex and layered management structure, which can slow down communication and decision-making.



# Factors to Consider When Choosing A CRO

## Experiences

Look for CROs with experiences.



## Capabilities

Evaluate the CRO's capabilities.



## Expertise

Consider regulatory expertise.



## Quality

Check for quality management.



## Cost

Choose to compare competitive prices.



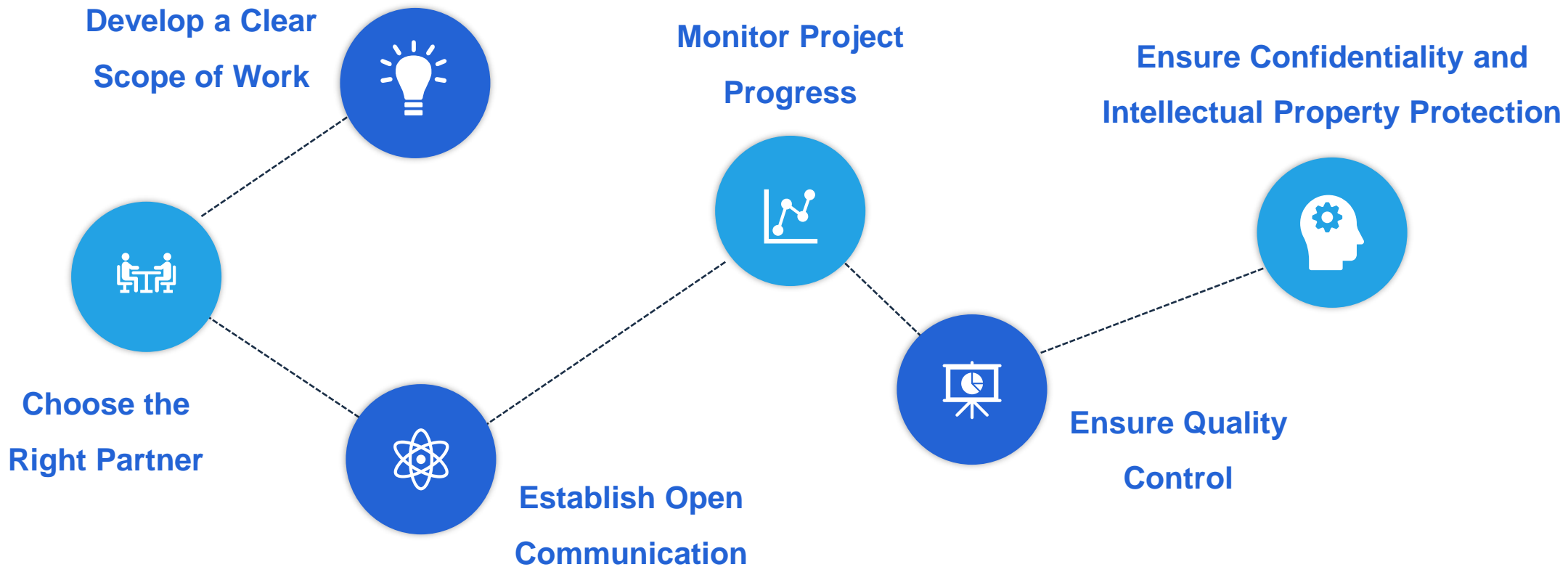
## Reputation

Check references and reputation.





# ► Tips for Working with A Preclinical CRO







# Company Overview

**Your Trusted Partner in Cancer  
Therapeutics  
Discovery & Development**

**Professional / Efficient / Experienced / Global**





# About Us

## Introduction

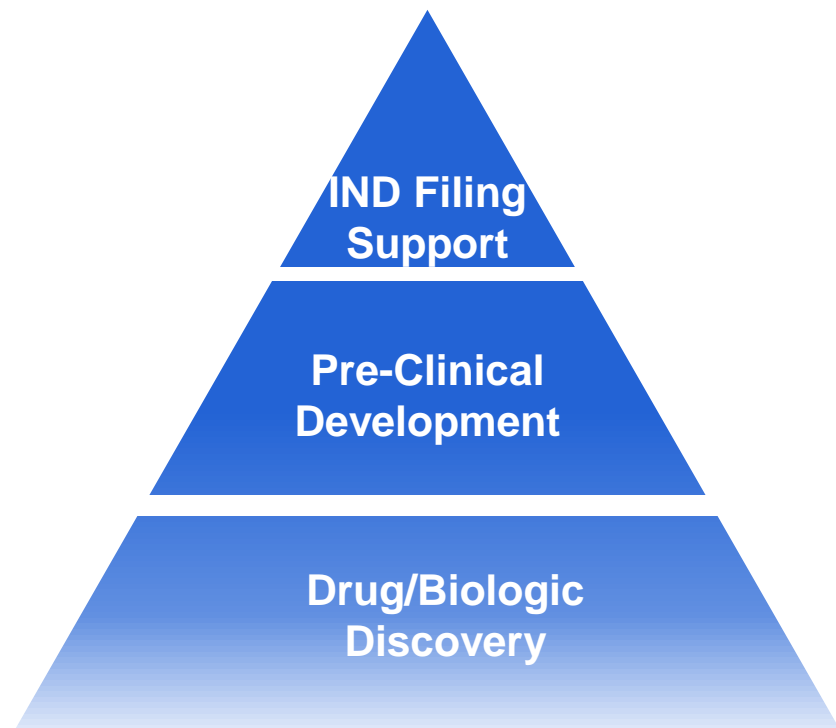
- Based in New York, USA.
- Research solution provider, focused on cancer therapeutic development and preclinical studies.
- With experienced team of scientists, bioinformatics experts, and professional oncologists.
- Providing a seamless experience from the complex stages of target discovery through IND filing.

## Our Capacity

- **One-Stop Drug Discovery Services**
- **Diversified Experimental Platforms**

## Our Services

From target discovery to IND application, we provide our clients with up-to-date research findings and actionable insights in different areas of cancer.



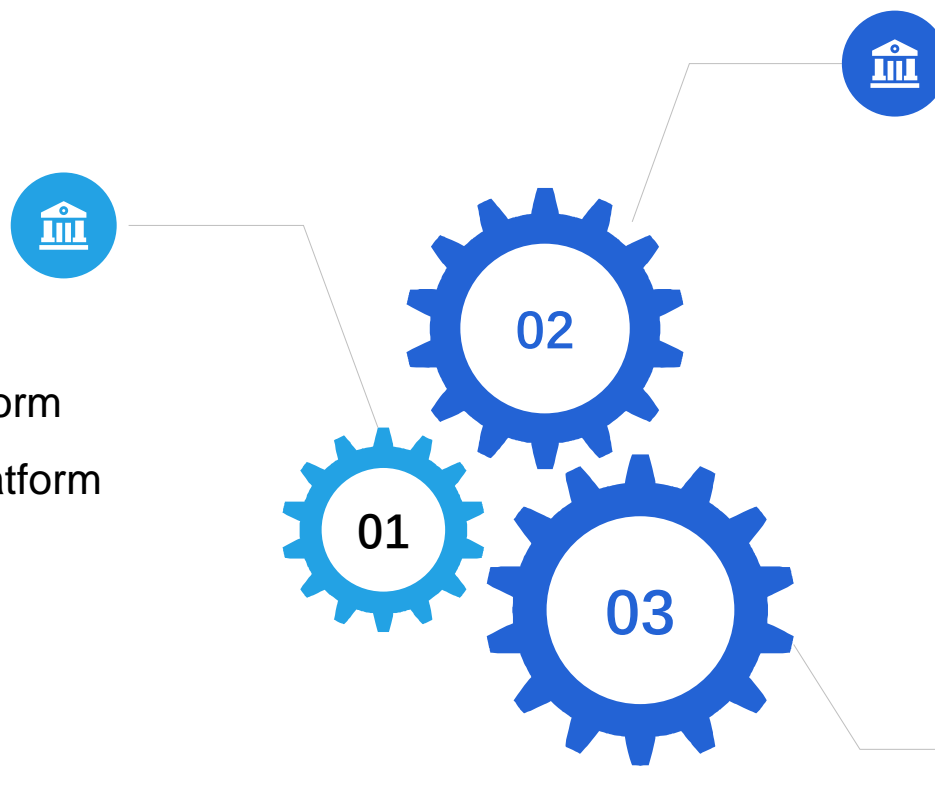


# Diverse Platforms for All Cancer Therapies

Whatever the phase of your drug development stage, we provide expertise and infrastructure to guide you to IND and beyond.

## Discovery

- Small Molecules Platform
- Therapeutic Antibody Platform
- Cell and Gene Therapy Platform
- Vaccine Platform
- Peptide Platform



## Pharmacology Evaluation

- Target-specific Assays
- Efficacy Evaluation Assays
- DMPK/ ADME
- Drug Toxicity Evaluation Assay

## IND Enabling

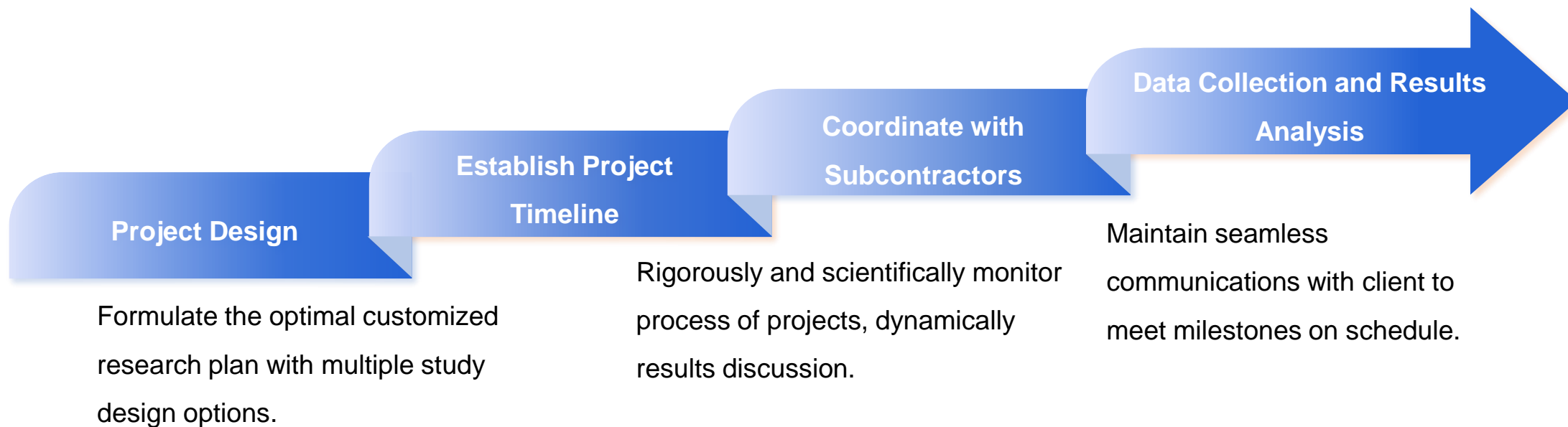
## Our Capabilities at A Glance

With innovative technologies and advanced platforms, our experienced scientists can provide customized services and one-stop solutions to meet specific requirements of clients' preclinical studies in a timely and cost-effective manner.

| Target Discovery   | Hit Identification   | Lead Optimization  | IND Enabling   |
|--|--|--|--|
| <ul style="list-style-type: none"><li>• SiRNA/ Crispr</li><li>• mRNA and Protein Expression</li><li>• Signaling Pathway</li><li>• Assay Development</li><li>• Biomarker Analysis</li></ul> | <ul style="list-style-type: none"><li>• AI-guided Hit Design</li><li>• Target-specific Enzymatic Assays</li><li>• 2D Cell-based Assays</li><li>• 3D Cell-based Assays</li><li>• <i>In Vivo</i> Efficacy Evaluation</li></ul> | <ul style="list-style-type: none"><li>• Functional Analysis</li><li>• Selectivity Test</li><li>• Counter Assay</li><li>• MOA Study</li><li>• PK/PD Studies</li><li>• Efficacy Evaluation</li></ul> | <ul style="list-style-type: none"><li>• Toxicology Evaluation</li><li>• Safety Pharmacology</li><li>• <i>In Vivo</i> DMPK</li><li>• <i>In Vitro</i> ADME</li><li>• Efficacy Evaluation</li></ul> |

## Our Effective Project Management

Our project management (PM) team provides support for preclinical project design and research progress management. Our optimized study strategy will accelerate the study timeline and expedite the drug development.



Our experienced expertise will ensure the high data quality to compliance with global regulations. Our teams' robust experience and knowledge can help you overcome challenges and avoid missteps throughout the drug discovery process.

## Why Choose Us?

We are striving to provide internationally recognized preclinical services and deliver high-quality results in accordance with international quality standards.

### Expertise and Experience

Our team of scientists and imaging specialists have extensive knowledge in immuno-oncology research and imaging techniques. We bring years of experience to ensure accurate and reliable results.

### State-of-the-Art Technology

We utilize cutting-edge imaging platforms and software tools, enabling us to provide high-quality, detailed imaging data for comprehensive analysis.

### Customized Approach

We understand that each research project is unique. Therefore, we offer tailored solutions to meet your specific requirements, ensuring that our imaging and analysis services align with your research goals.

### Timely and Efficient Delivery


We are committed to delivering results in a timely manner without compromising quality. We understand the importance of meeting project deadlines and strive to exceed your expectations.



# Contact Us

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