

# WuXi Biology

## Global Drug Discovery Enabler

- **Comprehensive** discovery and translational biology centers, with **~3,000** experienced scientists and global footprints in **9** sites
- Early discovery screening platform, providing diverse **hit finding solutions** and **high throughput hit optimization solutions** such as DEL/HTS/HCS/ASMS/FBDD\*/Display/virtual screening and Direct-to-Biology, supported by informatics and data sciences
- **Thousands** of validated, 'ready to go', *in vitro* assays and *in vivo* models enabling discovery biology for comprehensive target classes, therapeutic areas and modalities
- Extensive **Oncology, Immunology, Infectious Disease, Inflammation, Neuroscience, Rare disease and Metabolic Disease indication**, offering an end-to-end service from discovery, through optimization and into clinical development
- **AAALAC** accredited and **BSL-2** certified on multiple sites
- Pathology and **CAP-certified** FACS capabilities supporting clinical biomarker services

## Services and Solutions

### Early Discovery

- New target discovery and mechanistic study
- Protein production and structural biology
- High throughput hit optimization: D2B platform
- Screening and hit identification: DEL/HTS/HCS/ASMS/FBDD/Display/VS and libraries for small molecules, covalent, peptides, TPD and macrocycles

### Lead Optimization

- *In vitro* biochemistry and cell biology
- Cell panel screening
- MOA studies
- Radiometric assays
- Clinical biomarker development and validation

### In Vivo Pharmacology

- Comprehensive *in vivo* disease model collection
- Targeted oncology and immuno-oncology
- Drug resistance and other novel models of higher translational value
- Tumor model database

### By the Numbers



**~3,000** employees worldwide



**9** in **3**  
facilities countries



Entrusted by

**top 15**  
global pharmaceutical  
companies



**1800+**  
customers worldwide

## Enabling discovery for all modalities

-  Small molecules
-  Peptides
-  Oligonucleotides
-  Bi-functional molecules, e.g. ADC/PDC/POC/TPD\*
-  Vaccines
-  Cell Therapy

## Expertise in all major disease areas

|  |   |
|--|---|
|  Oncology & Immunology  |  Cardiovascular Diseases |
|  Metabolic Diseases     |  Digestive System        |
|  Central Nervous System |  Respiratory Diseases    |
|  Infectious Diseases   |  Renal Disorders        |
|  Hepatology           |  Ophthalmology         |

## A Global Footprint

### CHINA



Shanghai (WGQ)



Shanghai (Zhangjiang)



Suzhou



Nantong



Chengdu

### UNITED STATES



San Diego



Cranbury



Boston / Natick

### GERMANY



Munich



## Contact

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WuXi Biology website



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