**WuXi AppTec Toxicology**

**Animal quality and welfare**

Our clients repeatedly select WuXi AppTec Toxicology due to our commitment to the highest industry standards in every study we conduct, and this begins with the animals. Our animals are all sourced from AAALAC accredited, internationally recognized vendors. Once in-house, we maintain or exceed all the international requirements for animal safety and care to ensure our animals are happy and healthy, and the data generated is accurate and reliable. In our 2013 inspection, AAALAC described our facility as “an exemplary laboratory of animal care”; we take exceptional pride in this statement and hold ourselves to this standard in every aspect of our work.

**WuXi AppTec’s Laboratory Testing Division (LTD) is an end-to-end drug development service provider composed of multiple areas of scientific expertise. The Toxicology unit’s safety evaluation testing in Suzhou China is seamlessly integrated with the other centers of expertise offering comprehensive development opportunities to our clients. Alternatively we provide stand-alone toxicology studies if preferred. We maintain one of the largest safety testing facilities in Asia at 314,000 ft² and an expert management team with over 200 years of international experience in Big Pharma and CROs including: Charles River, Huntingdon and Harlan, ITR, Novartis, BMS, Merck, SNBL Japan and the CFDA.**

<table>
<thead>
<tr>
<th>Species</th>
<th>Strain</th>
<th>Vendor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mouse</td>
<td>CD-1</td>
<td>BioLASCO (Taiwan)</td>
</tr>
<tr>
<td>Rat</td>
<td>Wistar Han</td>
<td>Charles River (USA)</td>
</tr>
<tr>
<td></td>
<td>Wistar</td>
<td>BioLASCO (Taiwan)</td>
</tr>
<tr>
<td></td>
<td>Sprague Dawley</td>
<td>BioLASCO (Taiwan)</td>
</tr>
<tr>
<td>Guinea pig</td>
<td>Hartley</td>
<td>Vital River Laboratory Animal Technology Co., Ltd. (China)</td>
</tr>
<tr>
<td>Rabbit</td>
<td>New Zealand White</td>
<td>Qingdao Kangda (China)</td>
</tr>
<tr>
<td>Dog</td>
<td>Beagle</td>
<td>Marshall Bioresources (China/US)</td>
</tr>
<tr>
<td>NHP</td>
<td>Cynomolgus monkey</td>
<td>Hainan Jingang Laboratory Animal Co. Ltd. (China)</td>
</tr>
<tr>
<td>Miniature pig</td>
<td>Guangxi Bama</td>
<td>Wujiang Tian Yu Biological Technology Co. Ltd. (China)</td>
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**Expertise, experience and regulatory knowledge for worldwide data submission**

With international drug development collaborations becoming more and more prevalent, it is important for companies to find a partner with the scientific expertise, technical experience and regulatory understanding of the requirements for successful regulatory filing worldwide. Since the establishment of the Toxicology unit in 2009, our operation has been audited by the CFDA, FDA, OECD and AAALAC along with many client-sponsored audits with no major findings. We have completed studies for clients from ~20 different countries contributing to ~120 IND or NDA packages for submission to regulatory agencies around the world.
Program features

- AAALAC-accredited facility meets the highest animal welfare standards
- FDA, OECD and CFDA certified
- World class customer service
- Rapid scheduling and high quality reports
- Dedicated project management

Facility overview

- Designed by CUH2A, HEPA-filtered, computer-controlled and monitored HVAC
- 108 animal rooms (80 non-rodent and 28 rodent study rooms)
- Large non-human primate housing capacity can house up to 1,500 monkeys at a given time
- Double-barrier rodent study rooms meet Japanese and CFDA requirements
- Dual backup electrical generators and water-treatment on site
- Custom built to meet long-term client needs

State-of-the-art equipment

- Provantis™ data acquisition system
- Best-in-class equipment to meet industrial standards
- Fully validated electronic monitoring of environmental controls, lab equipment and security

Regulatory filing

- Fully compliant with FDA, OECD and CFDA GLP regulations
- Assisted study and program design following global regulatory guidances
- Study design following the guidances of different authorities upon client’s request

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