



FACILITY OVERVIEW

Lyon, France

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Charles River's facility in Lyon, France, is a large *in vivo* facility that offers routine toxicology, continuous infusion, developmental and reproductive toxicology, juvenile toxicology and safety pharmacology services. The site specializes in biologics, and the staff have extensive experience working with minipigs.

Background

- Acquired by WIL Research in 2013
- Acquired by Charles River Laboratories in 2016
- Shares a site with a Charles River research models breeding facility

Laboratories and Facilities

- GLP and non-GLP study conduct
- Species: mouse, rat, ferret, rabbit, dog, minipig, nonhuman primate
- 134 animal rooms
- 190,000 square feet/18,000 square meters of laboratory space
- Laboratories
 - Analytical chemistry
 - Necropsy
 - Pathology
 - Histology
 - Fetal evaluation
 - Clinical pathology
 - Biomarkers

Staff

- Approximately 330 employees
- Approximately 250 scientists and/or scientific staff (with degrees including PhD, MSc, ERT and DVM)

Service Areas/Study Types

- General toxicology
 - Single dose, subchronic, chronic and carcinogenicity
 - Standard and specialty routes of administration
- Developmental and reproductive toxicology
 - Fertility
 - Developmental toxicity
 - Pre- and postnatal development
 - Extended one-generation and multigeneration
- Juvenile toxicology
- Safety pharmacology
 - Efficacy pharmacology
 - Telemetry and cardiovascular
 - Respiratory
 - CNS
 - Gastrointestinal transit
 - Renal function
- Neurotoxicology
- Infusion toxicology
- Immunotoxicology



EVERY STEP OF THE WAY

Service Areas/Study Types (Continued)

- Formulations
- Analytical chemistry
- Pathology
 - Clinical pathology and flow cytometry
 - Immunohistochemistry
 - Clinical chemistry
 - Histology and histopathology
 - Necropsy
 - Neuropathology
- Vaccines
- Pharmacokinetics

Compliance, Certifications, Accreditations and Professional Affiliations

Charles River's Lyon facility operates in compliance with the requirements of the following regulatory agencies or accredited organizations:

- Organization for Economic Co-operation and Development (OECD)
- U.S. Food and Drug Administration (FDA)
- Association for Assessment and Accreditation of Laboratory Animal Care (AAALAC International)

Quality and Process Initiatives

- Lean Six Sigma program
- On-site IT support
- Online data collection and integrated instrumentation
- Excellent regulatory compliance history

Humane Care Initiative

Charles River is a worldwide leader in the humane care of laboratory animals. We work hand-in-hand with the scientific community to understand how living conditions, handling procedures and stress play an important role in the quality and efficiency of research.