



FACILITY OVERVIEW

Worcester, Massachusetts

Our facility in Worcester, MA, is focused on pharmacokinetics/pharmacodynamics ([PK/PD](#)), bioanalytical testing services and oncology pharmacology models for the biotechnology and pharmaceutical industries. Our Worcester scientists help clients expedite their drug discovery and development programs by providing quality data earlier in the research process via technologies and systems that increase turnaround time well beyond industry standards. [Contact us for more information.](#)

Background

- Founded as Agilux Laboratories in Worcester, MA
- Acquired by Charles River in 2016

Laboratories and Facilities

- 100,000 total square feet of laboratory, vivarium and office space
- 30+ LC-MS/MS systems for rapid study initiation
- Discovery/non-GLP study types
- Species: mouse, rat, large animal
- Automated backup power and uninterrupted power supply (UPS) for instrumentation
- Fob/card key security access
- Red/yellow light room for light-sensitive compounds
- Licensed to handle Schedule II-V controlled substances
- AAALAC-certified BL2 facility

Staff

- Approximately 163 employees

Service Areas/Study Types:

- Discovery bioanalysis
 - LC-MS/MS bioanalysis
 - Small- and large-molecule therapeutic pharmacokinetics
 - Small- and large-molecule biomarkers
- [In vitro ADME](#) (small molecule)
- *In vivo* rapid pharmacokinetic screening for large and small molecules
- Pharmacology – [Oncology](#)
 - Non-GLP PK/PD and efficacy studies
 - Syngeneic models in immune competent strains
 - Xenograft models
 - Humanized models
 - Transgenic models
 - Knock-out/Knock-in models
 - Germ-free mice for microbiome studies



EVERY STEP OF THE WAY

Compliance, Certifications, Accreditations and Professional Affiliations

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

- Association of Assessment and Accreditation of Laboratory Animal Care (AAALAC)
- United States/Department of Agriculture (USDA)
- OLAW Assured

Quality and Process Initiatives

- On-site information technology (IT) support and backup
- Online data collection and integrated instrumentation
- Validated system for continuously monitoring of freezers/refrigerators
- Electronic system for SOP reading

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.

