



## FACILITY OVERVIEW

# Morrisville, North Carolina

Charles River's site in Morrisville, NC, plays an integral role in preclinical discovery and development of new cancer therapies. The facility offers a diverse portfolio of *in vivo* and *in vitro* study formats, enabling clients to identify their most promising compounds.

### Background

- Founded as Piedmont Research Center, an independent, highly-specialized CRO, in 1997
- Acquired by Charles River to expand the discovery portfolio in 2009
- Over 25,000 efficacy studies performed globally for academia, virtual, small biotech, mid-size and large pharmaceutical companies

### Laboratories and Facilities

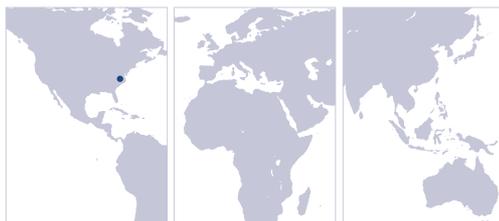
- Two stand-alone buildings totalling 40,000 sq feet
- Vivarium capacity of 55,000 mice and rats
- Non-GLP studies conducted in mice and rats
- 24-hour surveillance
- Designated BSL-2 space

### Staff

- Approximately 100 employees (with degrees including PhD, DVM and MSc)
- All scientific staff hold PhD and/or DVM degrees

### Service Areas/Study Types

- Wide variety of custom and off-the-shelf *in vivo* and *in vitro* services
- [Syngeneic models](#)
- [Humanized models](#)
- [Patient-derived human tumor grafts](#)
- [Conventional human xenograft models](#)
- [Orthotopic models](#)
- [Combination therapies](#)
- [Radiotherapy](#)
- [Cachexia models](#)
- [GvHD models](#)
- [Cell and Gene Therapy services](#)
- [2D/3D bioluminescent, fluorescent and  \$\mu\$ CT imaging](#)
- Histology, IHC, Hematology and Clinical chemistry endpoints
- Gene expression analysis
- [Immune cell functional assays](#)
- [Flow cytometry](#) and cell sorting
- Tissue and plasma biomarker analysis (ELISA, Western Blot and Luminex)
- IncuCyte® Live Cell Imaging
- ELISpot
- Formulation capabilities
- SEND compliant non-GLP studies
- Non-GLP toxicology and toxigenicity studies



### Contact an expert

<https://www.criver.com/consult-pi-ds-ask-us-question-oncology>

EVERY STEP OF THE WAY

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## Compliance, Certifications, Accreditations and Professional Affiliations

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

- Association for Assessment and Accreditation of Laboratory Animal Care (AAALAC International) accredited since 1999
- U. S. Office of Laboratory Animal Welfare (OLAW)
- U.S. National Institutes of Health (NIH)

## Quality and Process Initiatives

- Weekly verified data updates and secure 24/7 online data access
- Comprehensive tumor model compendium

## 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.

