

Oncology Drug Discovery at Charles River Massachusetts

Advantages of Partnering with the Charles River Massachusetts Team

Convenience: A quick trip down the Pike grants you unprecedented access to your studies so you can observe dosing, sample collection, imaging, and flow cytometry as it happens.

Security: Our free courier service protects the integrity of your time-sensitive test articles and tissue samples with rapid transit between your facility and ours.

Flexibility: Get quick starts that suit your schedule, and a collaborative, responsive approach that makes it easy to adjust study designs and protocols when necessary.

Expertise: With a staff of over 450 people, in addition to the Discovery capabilities, the site has GLP small and large animal PK and Safety studies, for both small molecules and biologics.

World Class Drug Development Facilities in Your Back Yard

Purposely designed to meet the needs of the Greater Boston research community, Charles River Massachusetts has the capacity, portfolio of services, and expertise to make your next oncology breakthrough a reality.

Oncology Models – Choose from a broad range of oncology-specific and genetically modified models to support your identification of promising compounds and optimization of lead candidates.

- Syngeneic models in immune competent (Balb/c, C57BL/6 and DBA/2) strains
- Xenograft models with athymic nude, SCID and NCG mice
- Humanized mouse models
- Transgenic models
- Knock-out/Knock-in
- Germ-free mice for microbiome studies

Test Article Experience – Trust in our team's ability to handle a wide range of materials, from small molecules to biologic therapies.

- Small molecules with full on-site formulation capabilities
- Antibody, immune checkpoint inhibitors
- T cell transfer, T cell depletion
- Oncolytic viruses
- Cancer vaccine, modified bacteria, RBC and platelets

Laboratory and Facilities – Multiple sites within a few-mile radius come together to offer harmonized service, extensive capacity, and the area's top scientific talent.

- AAALAC-certified BL2 facility
- 150 staff
- Onsite flow cytometry with dedicated staff available for panel design, study execution, data analysis and custom cytokine/chemokine profiling
- *In vivo* imaging with IVIS system; fluorescence and luminescence capabilities
- Variety of luciferase-tagged cell lines for imaging
- Massive onsite bioanalytical infrastructure for sample analysis