



The Charles River Portfolio at-a-glance

Charles River is equipped to support your research at any point along the drug discovery continuum, every step of the way. Click on the text to learn more about our services.

		DRUG DEVELOPMENT PHASE				
		Basic Research	Discovery	Preclinical Testing	Clinical Development	Commercialization
RESEARCH MODELS AND SERVICES	Research Animal Models			IND/CTA Filing		
	Laboratory Animal Equipment					
	Research Animal Diagnostic Services					
	Genetically Engineered Models and Services					
	Preconditioning Services (Surgically Modified, Aging and Feeding Programs)					
DISCOVERY SERVICES	Target Discovery and Validation					
	Translational Tools (Biomarkers, Imaging, Pathology)					
	In Vitro ADME					
	Assay Development and Screening					
	Synthetic & Medicinal Chemistry					
	Structural Biology and Biophysics					
	In Vitro and In Vivo Pharmacology					
	Discovery Pharmacokinetics					
	Pharmaceutical Science and Formulation					
SAFETY ASSESSMENT	DMPK (Non-GLP and GLP)					
	Exploratory Toxicology					
	In Vitro Toxicology					
	Genetic Toxicology					
	Safety Pharmacology					
	IND-Enabling Toxicology					
	Subchronic/Chronic Toxicology					
Developmental and Reproductive Toxicology						
LABORATORY SUPPORT	Laboratory Sciences (Non-GLP and GLP Bioanalysis, Immunology, Biomarkers)					
	Anatomic and Clinical Pathology					
MANUFACTURING SUPPORT	Avian Vaccine Services					
	Endotoxin Detection, Rapid Microbial Detection and Microbial Identification Products and Services					
	Protein Characterization					
	Formulation Support					
	Cell Banking					
	Biosafety, Impurity and Potency Testing					
	Viral Clearance					
Cell Line Characterization						
OPERATIONS AND STAFFING SUPPORT	Insourcing Solutions™					
	Strategic/Regulatory Consulting					

EVERY STEP OF THE WAY

Basic Research

Charles River supplies and manages study-ready, preconditioned and genetically engineered animal models and services to support today's most critical research. We promote our client's long-term success with world-class breeding, biology, diagnostics and health monitoring services.

Drug Discovery

Our Discovery team has a proven track record in the development of novel therapies in collaboration with our partners. Using the latest technologies and platforms, we support clients' discovery programs across all major therapeutic areas, from hit ID to IND.

Safety Assessment

From complete IND-enabling programs to stand-alone assessments, our Safety Assessment team provides a full range of *in vivo* and *in vitro* testing services that comply with worldwide regulatory restrictions for the preclinical development of pharmaceuticals and animal health products as well as chemicals, agrochemicals and biocides.

Laboratory Support

Serving the needs of both small and large molecule developers, we offer a broad range of standard and specialized laboratory services to complement and enhance drug development programs, from discovery through safety and clinical trials.

Manufacturing Support

We provide a comprehensive range of testing programs to support biologics development as well as the marketed products of multiple industries. Our biologics testing solutions and portfolio of microbial quality control systems and services help clients ensure the safety, quality and compliance of their products. We support large molecule manufacturing from early preclinical formulation development through clinical and commercial manufacturing and release.

Operations and Staffing Support

Offering staffing, training, regulatory advice, program management and vivarium development, our insourcing and consulting services help clients streamline their drug discovery and development programs to make best use of their resources and achieve optimum results.

