



FACILITY OVERVIEW

Skokie, Illinois

Charles River's *in vitro* facility located in Skokie, IL, specializes in large molecule bioanalysis and genetic and *in vitro* toxicology for pharmaceutical, biotechnology, chemical, agrochemical and food companies.

Background

- Founded as Midwest BioResearch in 2003
- Acquired by WIL Research in 2009 and rebranded as WIL Research in 2012
- Acquired by Charles River Laboratories in 2016

Laboratories and Facilities

- GLP and non-GLP study conduct
- Laboratories
 - Genetic and *in vitro* toxicology
 - Large molecule bioanalysis

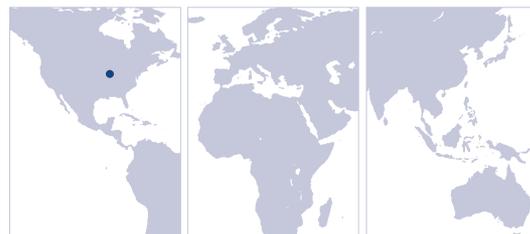
Staff

- Approximately 60 employees
- 18 scientists (with half possessing a PhD degree)

Service Areas/Study Types

- Genetic toxicology
 - Specialty screening assays
 - microAmes
 - full plate Ames
 - micro-clastogenicity

- GLP assays
 - Ames assay (OECD 471)
 - *in vitro* chromosomal aberration assay (OECD 473)
 - *in vivo* micronucleus assay (OECD 474)
 - *in vivo* chromosomal aberration assay (OECD 475)
 - *in vitro* CHO/HPRT assay (OECD 476)
 - *in vitro* micronucleus assay (OECD 487)
 - *in vivo* comet assay (OECD 489)
 - *in vitro* mouse lymphoma assay (OECD 490)
 - neutral red cytotoxicity assay (OECD 129)
- Clinical and nonclinical large molecule bioanalysis (immunoassay) services
- Immunogenicity
 - Ligand binding (LBA) and other quantitative assays
 - Immunogenicity (ADA), including isotyping
 - Neutralizing antibody (NAb) assays (cell-based and binding/enzymatic)
 - Biomarker assays (MSD multiplexing)
- Potency



Compliance, Certifications, Accreditations and Professional Affiliations

Charles River's Skokie 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)
- U.S. Environmental Protection Agency (EPA)
- U.S. Federal and State Controlled Substance Licenses (DEA)
- U.S. Fish and Wildlife Service

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.