

FACILITY OVERVIEW

South San Francisco, California, USA

Our facility in South San Francisco, California, is a discovery center of excellence located in a global hub of pharmaceutical and biotech R&D. The site focuses on non-GLP DMPK (drug metabolism and pharmacokinetics) and pharmacology studies, including but not limited to, microdialysis, telemetry, EEG, rapid pharmacokinetic screening and bioanalysis.

Background

- Founded as Brains On-line in 2000 at the University of Groningen in the Netherlands as an independent specialized contract research organization focused on offering microdialysis and bioanalysis services
- Site expansion into the US to South San Francisco in 2006
- Acquired by Charles River in 2017
- Expanded service offerings in 2018 to include DMPK – rapid pharmacokinetic screening and bioanalysis
- DMPK group West Coast partner of the Charles River Worcester facility that has over 10+ years in lead optimization studies

Laboratories and Facilities

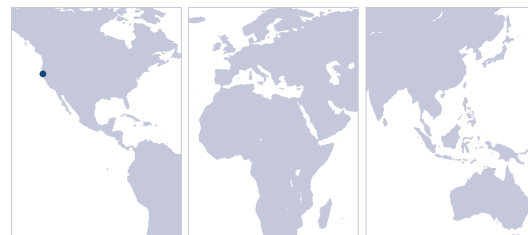
- 24,145 square feet laboratory space with 24-hour surveillance and environmental monitoring (Additional 12,000 square feet for expansion)
- Wet lab for microdialysis and telemetric analyses and bioanalysis testing facilities
- Vivarium with species: rats and mice

Staff

- Approximately 30 full-time employees
- About 35% of employees with advanced degrees, including 8 PhD scientists and 2 employees with master's degrees

Service Areas/Study Types

- Microdialysis
 - Conventional microdialysis
 - Push-pull microdialysis for large molecules like Tau
 - MetaQuant microdialysis using ultra-slow flow to maximize drug recovery
- Electroencephalogram studies
 - Sleep-wake monitoring
 - Pharmacology-EEG combined with PK studies
 - Seizure testing
- Behavioral testing
 - Test multiple disease areas including anxiety, depression, schizophrenia, inflammation cognition and other neurological models
- Bioanalysis testing (LC-MS)
 - Measure metabolites, neurotransmitters and drug concentrations in various samples including blood, CSF, plasma, tissues, urine, etc.
- Pharmacokinetic (PK) screening studies
- Non-GLP research-grade assays for compound screening (LC-MS)



EVERY STEP OF THE WAY

Compliance, Certifications, Accreditations and Professional Affiliations

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

- State of California
- County of San Mateo
- City of South San Francisco
- OLAW

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.