



INSTITUTION PROFILE

Montreal Neurological Institute-Hospital

Contact Information

 www.mcgill.ca/neuro/

Research Center Contact

 cru.mcgill.ca/

 info-CRU.neuro@mcgill.ca

FAST TRACK
CLINICAL TRIALS EVALUATION SERVICE

Facilities

A. Institut-Hôpital neurologique de Montréal

 3801 Rue University, H3A2B4, Montréal

 www.mcgill.ca/neuro/

Served Clientele / Population

Served population

1,900,000 people

Type of population

Pediatric, Adult, Geriatric

Characteristics

Multiculturalism, Population from First Nations or Inuit, Founder effect, Urban center population, Rural population

Therapeutic Areas

Geriatrics / Cognitive degenerative disorders, Genetic diseases, Rare diseases, Oncology – Neurological, Oncology – Brain tumors, Oncology – Rare tumors, Oncology – Solid tumors, Pediatrics, Diagnostic radiology, Intensive care, Central nervous system / Neurology, Trauma

Types of Research Projects

Experimental drug (phase I / II / III or IV), Cell therapy and gene transfer, Medical device, Radiopharmaceutical product, Software as a medical device

Research Ethics Board

 muhc.ca/cae/research-ethics

Frequency

Mensuelle

SOP List

 muhc.ca/cae/muhc-research-ethics-board-reb-standard-operating-procedures-sops

Laboratories

Optilab Laboratory certified ISO 15189

Laboratory of the Clinical Research Unit at the Neuro; central laboratories chosen by the study sponsor

Platforms and Technical Facilities

Research Pharmacy

 cusm.ca/mission/page/d%C3%A9partement-pharmacie

Schedule

Day, By agreement

Receiving unblinded monitoring visits

Yes

Equipment

Continuous temperature monitor with alert, Medication preparation hood, Closed-system drug transfer device, Refrigerator, Freezer -20°C, Freezer -70°C, Clean room

Level 3 Containment Laboratory

 www.mcgill.ca/neuro/research/open-biobank

Schedule

Day, Available by agreement

Laboratory accreditations

Clinical Laboratory Improvement Amendments (CLIA), College of American Pathologist (CAP), ISO15189

Equipment

Biological safety cabinet, Cell culture room / Clean room

Phase 1 Unit or Capacity

cru.mcgill.ca/fr/professionnels-2/

Overnight accommodation

Yes

Beds available for overnight stays

1 to 3

Outpatient care reception

Yes

Number of chairs available for outpatient care

6

Care services for the pediatric population

No

Infusion Center or Chair

cru.mcgill.ca/patients/

Description

Infusion center dedicated exclusively to clinical research

Negative pressure rooms

Number

1

Imaging

www.mcgill.ca/neuro/people/field_mprofile_research_areas/neuroimaging_and_neuroinformatics

Equipment

Angiography, Ultrasound, Fluoroscopy, PET-CT, PET-MRI, Computed tomography (CT Scan), Imaging - Positron emission tomography (PET), Magnetic resonance imaging (MRI), Molecular / cellular imaging, X-ray imaging

Pharmacology Platform

Reserved for research only

Yes

Technical Platform in Neurophysiology (EEG / EMG)

www.mcgill.ca/neuro/patients-visitors/diagnostic-services-eeeg-emg-x-ray

Reserved for research only

No

Schedule

Day, Evening, Weekend, Availability by agreement

Equipment

Electroencephalogram (EEG), Electromyography (EMG), Evoked potential (EP), Magnetoencephalography (MEG), Transcranial magnetic stimulation (TMS)

Operating Room

Reserved for research only

No

Sleep Laboratory

Reserved for research only

Non

Schedule

Day, Availability by agreement

Biobank Service

Name

Neuro Open Biobank

Description

The Neuro C-BIG Repository is an open science resource created to promote research and scientific discoveries in the field of neurological diseases and to accelerate the development of new treatments for the benefit of patients worldwide. Its ever-growing collection of biological samples, longitudinal clinical and neuropsychiatric information, imaging, and genetic data from patients with neurological diseases and healthy control subjects is made publicly available to support translational research globally, in accordance with the principles of open science.

cbigr-open.loris.ca/?lang=EN

Other Platforms

- We are developing a platform dedicated to gene and cell therapies. We are actively seeking partnerships in this field.