



## INSTITUTION PROFILE

# Centre hospitalier universitaire Sainte-Justine

## Contact Information

 [www.chusj.org/en/Home](http://www.chusj.org/en/Home)

## Research Center Contact

 [research.chusj.org/en/Home](http://research.chusj.org/en/Home)

 [aide.rc.hsj@ssss.gouv.qc.ca](mailto:aide.rc.hsj@ssss.gouv.qc.ca)

## Facilities

### A. CHU Sainte-Justine

 3175 Chemin de la Côte-Sainte-Catherine, H3T 1C5, Montréal

 [chusj.org](http://chusj.org)

### B. Centre de réadaptation Marie Enfant

 5200 Rue Bélanger, Montréal, QC, H1T 1C9

 [readaptation.chusj.org/en/Home](http://readaptation.chusj.org/en/Home)

## Served Clientele / Population

### Served population

2,000,000 people

### Type of population

Pregnancy follow-up clientele, Newborns (neonatology), Pediatric, Adult, Mental health care clientele

### Characteristics

Multiculturalism, Population from First Nations or Inuit, Founder effect, Urban center population, Rural population, Pediatric population, Pregnant women, Rare diseases

## Therapeutic Areas

  
CLINICAL TRIALS EVALUATION SERVICE

Institution Québec   
Santé Québec

Care and service administration, Cardiology and vascular diseases, Surgery, Dermatology, Pain, Endocrinology and metabolism, Gastroenterology, Hematology, Hepatology, Infections and infectious diseases / Virology / Vaccines, Genetic diseases, Pulmonary and respiratory diseases, Rare diseases, Dental medicine, Neonatology, Nephrology, Odontology (dentistry), Oncology - Genitourinary, Oncology - Hematology, Oncology - Melanoma-skin, Oncology - Neurological, Oncology - Sarcoma, Oncology - Head-neck, Oncology - Brain tumors, Oncology - Rare tumors, Oncology - Solid tumors, Ophthalmology, Care and service organization, Orthopedics, Pediatrics, Psychiatry / Addiction, Diagnostic radiology, Rheumatology / Musculoskeletal / Inflammation, Women's health (obstetrics / gynecology), Public health (without care pathway), Social sciences (without care pathway), Intensive care, Central nervous system / Neurology, Transplantation, Urology

## **Types of Research Projects**

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

## **Recruitment initiatives**

Our institution adheres to the values of Equity, Diversity, Inclusion, Accessibility (EDIA). A committee ensures that these principles are considered in the field of research during the development of protocols and the composition of teams, as well as in the recruitment of participants, which must be representative of the groups targeted by law and take into account the social determinants that impact representativeness.

## **Patient Partners in Clinical Research**

Yes

 [Email address of Patient-Family-Community Partnership Office: clara.dallaire.hsj@ssss.gouv.qc.ca](mailto:clara.dallaire.hsj@ssss.gouv.qc.ca)

## **Research Ethics Board**

 [research.chusj.org/en/Services/Comite-d-ethique-de-la-recherche-\(CER\)](http://research.chusj.org/en/Services/Comite-d-ethique-de-la-recherche-(CER))

### **Frequency**

Every 2 weeks

### **Calendar**

 [research.chusj.org/en/Services/Comite-d-ethique-de-la-recherche-\(CER\)/Formulaires-et-documents](http://research.chusj.org/en/Services/Comite-d-ethique-de-la-recherche-(CER)/Formulaires-et-documents)

### **SOP List**

 [research.chusj.org/en/Services/Comite-d-ethique-de-la-recherche-\(CER\)/Politiques-internes-et-texte-normatifs](http://research.chusj.org/en/Services/Comite-d-ethique-de-la-recherche-(CER)/Politiques-internes-et-texte-normatifs)

## **Laboratories**

## **Optilab Laboratory certified ISO 15189**

FACT-certified cell therapy laboratory

### **Platforms and Technical Facilities**

#### **Research Pharmacy**

##### **Schedule**

Day, Evening, By agreement

##### **Receiving unblinded monitoring visits**

Yes

##### **Other departments involved in drug preparation**

Oncology pharmacy, Cell therapy laboratory

##### **Equipment**

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

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#### **Level 3 Containment Laboratory**

##### **Schedule**

Day, Evening, Weekend, Available by agreement

##### **Laboratory accreditations**

Public Health Agency of Canada license

##### **Equipment**

Biological safety cabinet, Ultracentrifuge, Incubators, Cell culture equipment, Transmitted light microscope, Sample storage at -80°C, Liquid nitrogen

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#### **Phase 1 Unit or Capacity**

##### **Overnight accommodation**

Yes

##### **Beds available for overnight stays**

Pediatrics: 1 Oncology: as needed, use of inpatient beds.

##### **Outpatient care reception**

Yes

##### **Number of chairs available for outpatient care**

As needed, use of Day Center services.

##### **Care services for the pediatric population**

Yes

##### **Number of chairs available for pediatric care**

As needed, use of Day Center services.

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## **Infusion Center or Chair**

### **Description**

Administration of chemotherapy, administration of blood product transfusions, etc.

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## **Imaging**

### **Equipment**

Angiography, Ultrasound, Fluoroscopy, PET-CT, PET-MRI, Computed tomography (CT Scan), Imaging - Positron emission tomography (PET), Magnetic resonance imaging (MRI), X-ray imaging, Dual-energy X-ray (DXA)

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## **Cardiopulmonary Function Testing Technical Platform**

### **Reserved for research only**

No

### **Schedule**

Day, Weekend, Availability by agreement

### **Equipment**

Spirometry, Plethysmography, Electrocardiogram, Diffusing capacity, Walking areas, Methacholine challenge test, Oscillometry, FeNO, VO2max measurement, CPET (cardiopulmonary exercise test)

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## **Flow Cytometry Platform**

### **Reserved for research only**

Yes

### **Schedule**

Day, Availability by agreement

### **Equipment**

Flow cytometer analyzer, Spectral flow cytometer analyzer, Flow cytometer sorter

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## **Pharmacology Platform**

### **Reserved for research only**

No

### **Schedule**

Day, Evening, Weekend, Availability by agreement

### **Equipment**

Mass spectrometer, Tandem mass spectrometer (MS/MS), Liquid chromatography, QTOF (Quadrupole Time-of-Flight)

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## **Image Analysis and Visualization Platform**

### **Reserved for research only**

No

### **Schedule**

Day

### **Equipment**

Access to PACS, Secure storage servers

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## **Technical Platform in Neurophysiology (EEG / EMG)**

### **Reserved for research only**

Yes

### **Schedule**

Day

### **Equipment**

Electroencephalogram (EEG)

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## **Operating Room**

### **Reserved for research only**

No

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## **Ophthalmology Equipment**

### **Reserved for research only**

No

### **Schedule**

Day

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## **Sleep Laboratory**

### **Reserved for research only**

No

### **Schedule**

Evening, Weekend, Availability by agreement

### **Equipment**

Oximeter, Polysomnograph, Actigraph, CPAP, BiPAP, Capnometry

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## Biobank Service

### Name

Institutional Mother-Child Biobank of CHU Sainte-Justine

### Description

The institutional mother-child biobank was created to provide all CHU Sainte-Justine researchers with the following services: extraction of nucleic acids (DNA and RNA); preparation of PBMC; centrifugation of biospecimens; preparation of plasma/serum; aliquoting; storage of biospecimens (blood, saliva, urine, breast milk, tissues, others); shipment of samples to external sites.

[research.chusj.org/en/Plateformes-communes/Plateformes/Biobanque-centralisee-des-maladies-rares](https://research.chusj.org/en/Plateformes-communes/Plateformes/Biobanque-centralisee-des-maladies-rares)

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### Other Platforms

- **Cardiology Technical Platform** It is not reserved exclusively for clinical research. Services are offered during the day only. Available equipment includes: Electrocardiograph (ECG), Transthoracic Echocardiogram (TTE), Transesophageal Echocardiogram (TEE), Fetal Echocardiogram, Ambulatory Blood Pressure Monitoring (ABPM), Holter, Vascular Resistance.
- **Clinical Research Support Center (CRSC)** The CRSC is reserved exclusively for research. CRSC services are offered mainly during the day, on weekdays, and include, among others: - Hiring and onboarding of new clinical research staff; - Support in assessing study feasibility (budget, negotiations, etc.); - Management of clinical trials according to quality standards and applicable regulations.
- **Quality Assurance Office (QAO)** The QAO is reserved exclusively for research. QAO services are offered during the day, on weekdays, and include: - Clinical trial monitoring services - Internal audit program - Support in preparing for external audits and regulatory inspections.
- **Clinical Investigation Center (CIC)** Work began in March 2025 on the construction of the future CIC at CHU Sainte-Justine. This new facility will significantly enhance our institution's ability to participate in the most innovative clinical trials across numerous areas of interest.