



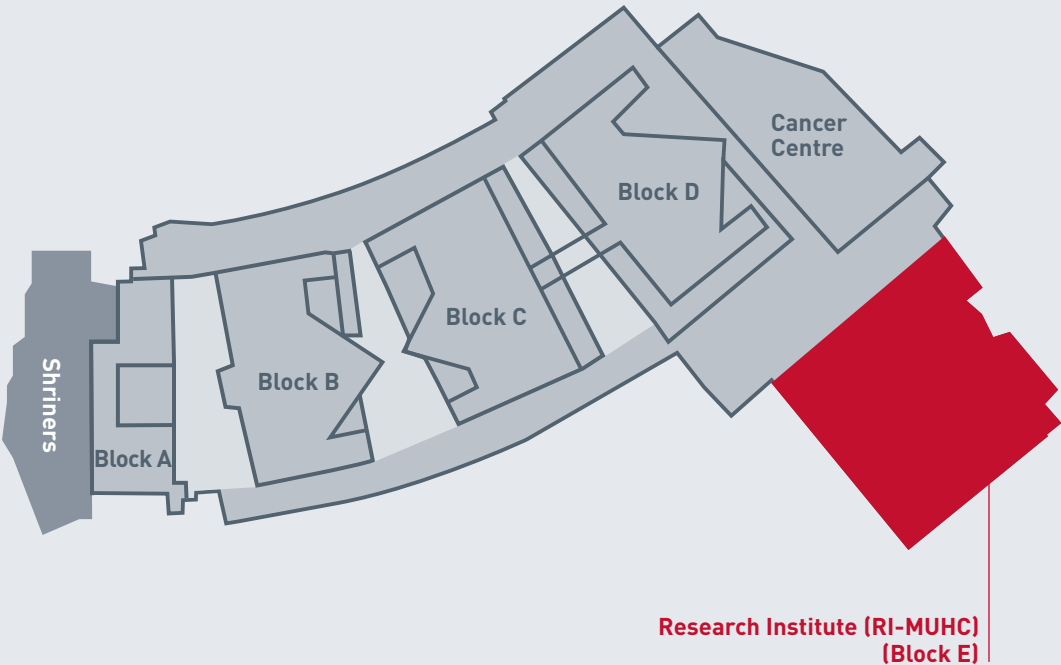
Close-up on  
*our*  
**GLEN** site

*Vision for the Research Institute*

THE RESEARCH INSTITUTE (RI-MUHC) AT THE GLEN SITE WILL BE AT THE FOREFRONT OF INNOVATION AND WILL BRING TOGETHER RESEARCHERS IN BOTH PEDIATRIC AND ADULT MEDICINE. ORGANIZED AS AN OPEN, MODULAR SPACE, OUR MORE THAN 600 RESEARCHERS WILL BE ABLE TO WORK IN A MULTI-DISCIPLINARY ENVIRONMENT, LEARNING FROM EACH OTHER'S DISCOVERIES AND DEVELOPING NEW TREATMENTS AND CURES FOR GENERATIONS TO COME.

A prime *location*

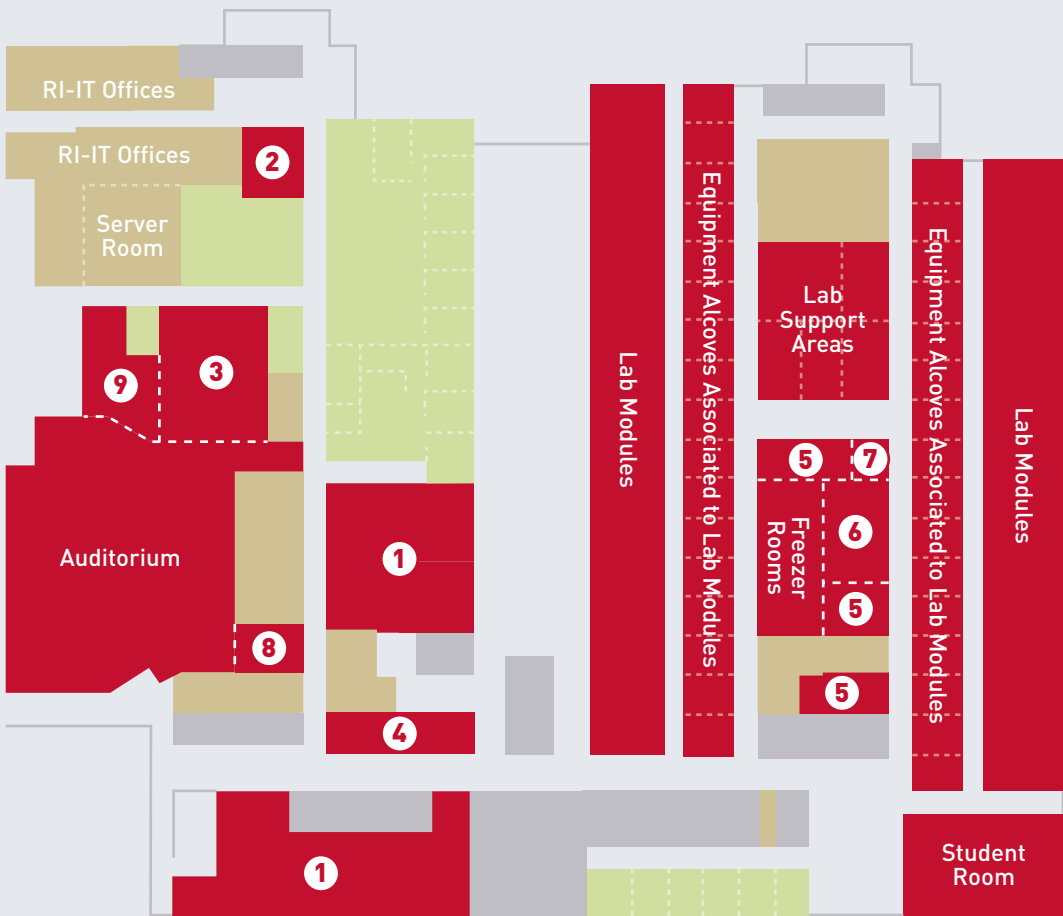
THE RI-MUHC IS MADE UP OF TWO COMPONENTS: THE **CENTRE FOR TRANSLATIONAL BIOLOGY (CTB)** AND THE **CENTRE FOR INNOVATIVE MEDICINE (CIM)**. BOTH CENTRES WILL BE UNIQUE IN CANADA, HELPING MOVE DISCOVERIES FROM THE LABORATORY TO THE BEDSIDE.



Centre for *Translational Biology*

Situated in Block E of the Glen site, the CTB will be home to fundamental research activities; researchers will be organized into **research neighbourhoods**. Each neighbourhood will be supported by shared **cores and research platforms**, including biobanks and a drug discovery and experimental therapeutics unit.

THE CTB IS LOCATED IN BLOCK E ON LEVELS S1 TO 3. A FOURTH FLOOR PASSAGEWAY WILL LINK THE RESEARCH INSTITUTE TO THE REST OF THE GLEN SITE.



CTB, Block E, level S1

- ① Staff Lounge & Locker Room
  - ② Emergency Showers
  - ③ Work Stations (Bioinformatics)
  - ④ Lobby / Assembly
  - ⑤ Equipment Room
  - ⑥ Tissue Culture
  - ⑦ Purified Water
  - ⑧ Mail Room
  - ⑨ Storage
- Work Stations
  - Support Spaces
  - Offices / Administration Space

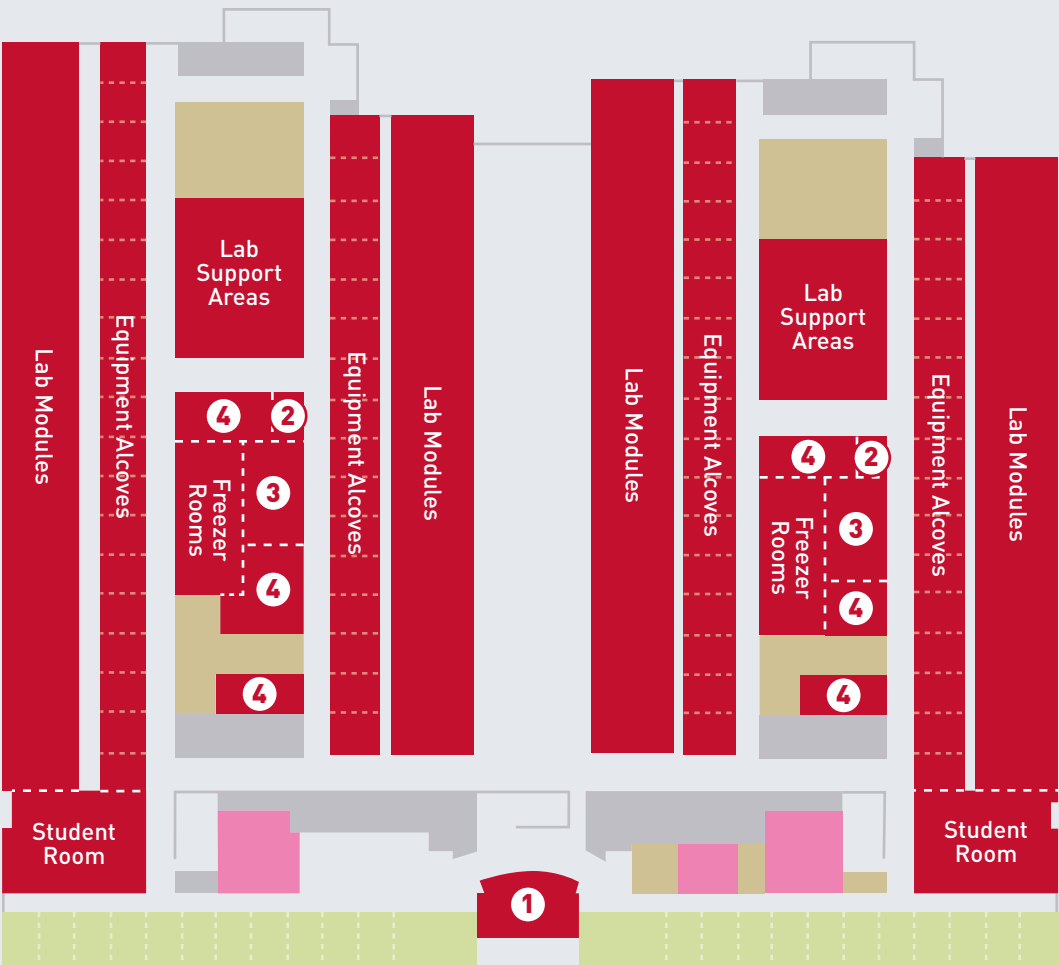




THE CTB WILL HOUSE:

- 105 lab modules
- 210 equipment alcoves
- 29 equipment rooms
- 18 freezer rooms
- 7 tissue culture units
- 7 radio-isotope labs
- 14 cold rooms
- 7 glass washing rooms
- State-of-the-art Technical Platform

**Note:** All laboratories are uniform and have been designed in the same fashion.



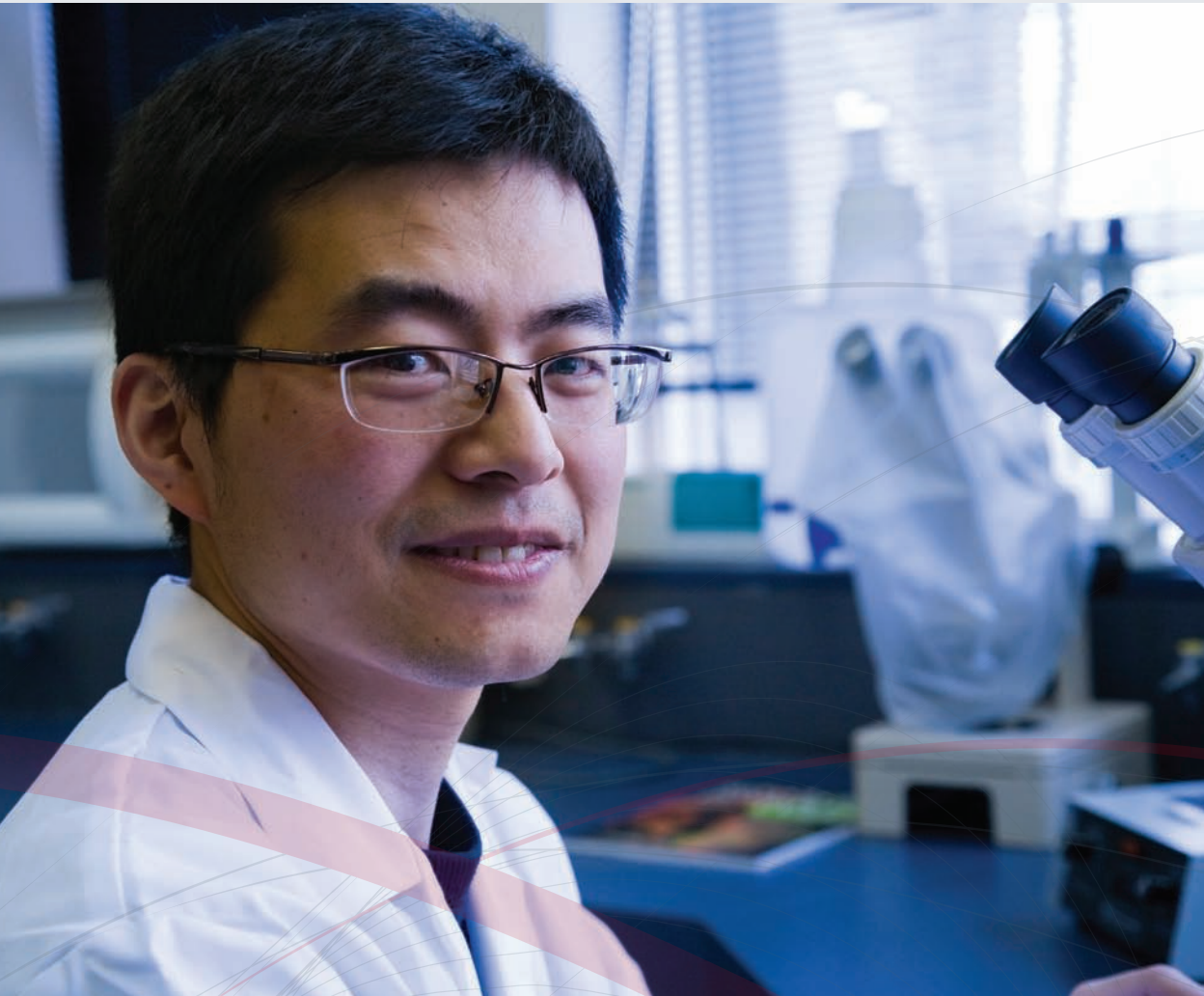
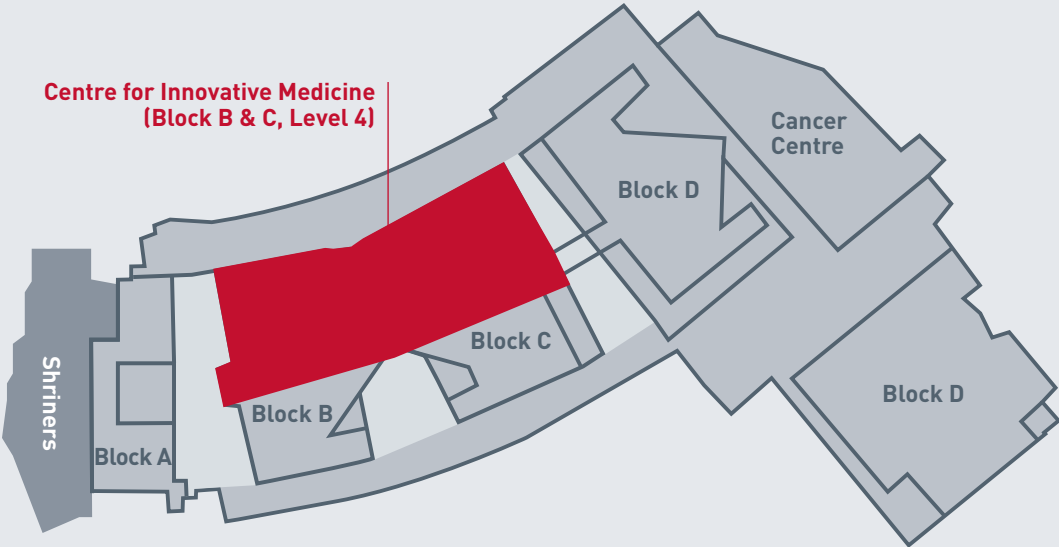
CTB, Block E, level 2

- |                              |                                 |
|------------------------------|---------------------------------|
| ① Staff Lounge               | Support Spaces                  |
| ② Purified Water             | Offices / Administration Spaces |
| ③ Common Tissue Culture Room | Conference Room                 |
| ④ Equipment Room             |                                 |

Centre for *Innovative Medicine* (CIM)

The CIM will be the only one of its kind in Canada; it will specialize in leading clinical trials to effectively transform discoveries into new treatments for our patients and community.

THE CIM IS LOCATED ON LEVEL 4 OF BLOCKS B AND C; IT SPANS ADULT AND PEDIATRIC HEALTH CARE DEPARTMENTS.

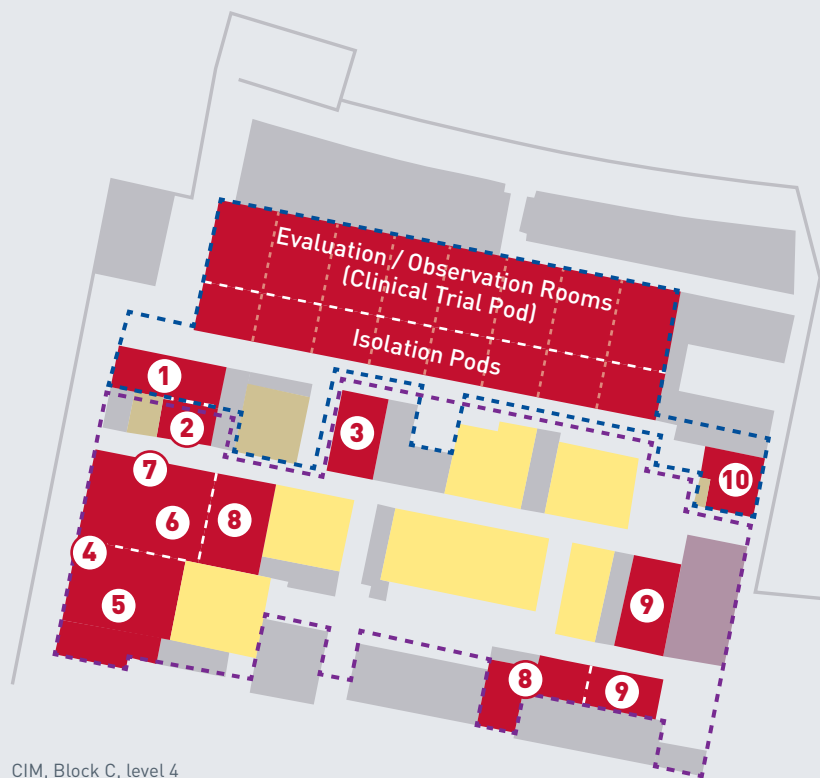


## Near and Around the CIM

The CIM's central location allows for immediate vertical access to the adult ambulatory clinics and inpatient units. This will facilitate the communication between physicians in the Ambulatory Care Department and those in the CIM, which is essential for the referral of patients for research studies.

### THE CIM WILL HOUSE:

- 3 clinical research pods with a total of nine beds (eight for adults and one for children):
  - Pod 1: adult day (for adults)
  - Pod 2: isolation day and night (for adults)
  - Pod 3: pediatric (day only)
- Imaging and functional platform
- Offices and support spaces
- Experimental OR (on level 3)



CIM, Block C, level 4

- |  |                            |
|--|----------------------------|
| ① Metabolic Kitchen & Nutrition            | ⑨ Reception & Registration |
| ② Medical Equipment Storage Room           | ⑩ Family Lounge            |
| ③ Experimental Procedure Room              |                            |
| ④ Pneumatic Tube Station                   | Support Spaces             |
| ⑤ Analysis Lab                             | Waiting Room               |
| ⑥ Staff Locker Rooms & Washrooms / Showers | Interview / Exam Rooms     |
| ⑦ Kitchenette                              | Pod 1                      |
| ⑧ Test Centre                              | Pod 2                      |

## Leading-edge Equipment

THE RI-MUHC WILL BENEFIT FROM STATE-OF-THE-ART EQUIPMENT, INCLUDING:

- 1 CT Scan (CIM)
- 1 fluoroscopy machine (CIM)
- 2 NMRs (CTB)
- Mass spectro-photometers (CTB)
- Various types of microscopes, including confocal microscopes (CTB)



CIM, Block B, level 4

- |   |   |   |
|---|---|---|
| ① Teams Rooms                             | ⑫ Pulmonary Physiology Lab                    | ②② Experimental Procedure Room              |
| ② Technology Assessment Rooms             | ⑬ Non-Invasive Vascular Lab                   | ②③ Test Centre                              |
| ③ Subject Change Rooms                    | ⑭ Cardiac Study Lab                           | ②④ Isolation Pods                           |
| ④ Preparation & Recovery Room             | ⑮ Physical Evaluation Lab                     | ②⑤ Interview and Evaluation Rooms           |
| ⑤ Bronchoscopy & Endoscopy Room           | ⑯ Echocardiography Lab                        |   |
| ⑥ Fluoroscopy Room                        | ⑰ Thoracic Radiology                          | Work Stations                               |
| ⑦ Tomography Room                         | ⑱ Physical Evaluation Lab (Peds)              | Support Spaces                              |
| ⑧ Control Room                            | ⑲ Evaluation & Observation Room (Day Studies) | Offices                                     |
| ⑨ Reception / Registration / Waiting Room | ⑳ Work Areas: Nurse & Research Coordinator    | Waiting Room                                |
| ⑩ Cognitive Evaluation Room               | ㉑ Relaxation Room & Play Room (Kids)          |   |
| ⑪ Plethysmography Room                    |   | Pod 3 Montreal Children's Hospital Research |

## For our *staff*

Research staff will be able to take advantage of:

- Several conference and team rooms
- A large amphitheatre (seats 200)
- Staff locker rooms and showers
- Staff lounges and kitchen
- Offices
- Student work rooms



INTER-  
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TEAMWORK  
FOR RICHER  
DISCOVERIES

Design: kapac.com

### Want to learn more?

Visit us on-line at [muhc.ca/construction](http://muhc.ca/construction) to watch videos about our Glen site and to find more information about the New MUHC.

For a quick response to your questions or comments, contact us at:

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