TRANSLATION

WHO ARE WE?

The McGill International Tuberculosis Centre (MTBC) was founded in 2014. Since November 2018, the Pan American Health Organization (PAHO) / World Health Organization (WHO) designated the MTBC as a PAHO / WHO Collaborating Centre for Tuberculosis Research.

VISION: To contribute to the elimination of TB in the world, especially in high-burden countries and among the most vulnerable population groups.

MISSION: To help end TB, within Canada and globally, by:

- Doing innovative, interdisciplinary research that will result in the transformative new tools and strategies needed to help end TB.
- Strengthening training and capacity building that can support TB elimination, especially in high-burden countries and vulnerable population groups (indigenous, children, etc.).
- Forging equitable research partnerships with local and international partners.

MEMBERSHIP: The MTBC includes 40 investigators (27 members and 10 associate members) who have research expertise spanning from basic biomedical methods to clinical, epidemiological and social sciences. Members work includes the development, evaluation and implementation of new diagnostic tests and strategies, as well as new treatment regimens for TB infection and disease. Members currently supervise 75 post-graduate students and post-doctoral fellows.

PRIZES AND SPECIAL AWARDS TO MEMBERS: Currently, members of the MTBC hold 27 grants with an annual value of approximately $12.7 million. Members hold Foundation grants and other operating awards from the Canadian Institute of Health Research (including Menzies, Divangahi, Schurr, Pai, Behr, Ahmad Khan, Schwartzman), salary awards from Fond de Recherche du Québec (Veyrier, Grandjean Lapiere, Ahmad Khan) and Canada Research Chairs (Menzies, Pai, Behr) and, as well as large scale grants from the Bill and Melinda Gates Foundation and the Centers for Disease Control and Prevention (CDC). Dr. Menzies as PI, and several members as co-investigators (Behr, Schwartzman, Ahmad-Khan, Johnston and Fox) received a new grant for clinical trials in TB treatment from the CDC for Tuberculosis Trials Consortium in 4 countries (Canada, Australia, Benin and Vietnam) – 17,2 million CAD $ for 2020-2030).

PUBLICATIONS AND MEDIA: In 2021-2022, more than 100 publications were co-authored by MTBC investigators. Members had publications in journals such as New England Journal of Medicine, The Lancet, Lancet Global Health, Cell, Science Immunology, PLoS Medicine, Nature Microbiology, Nature Reviews Disease Primers and BMJ. The journal impact factors for these varied from 2.3 to 79, with an average of 18. Throughout the year, members have been in external media at least 53 times (37 TB-related and 16 COVID-related). In addition, the MTBC received the 2020 Stop TB Community Award.
WHAT DO WE DO?

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| • Biomedical, Epidemiological and Clinical Research | • TB Research Day event  
  • Summer courses:  
  - Summer Institute in Infectious disease and global health (5 TB courses)  
  - Epidemiology for health communication  
  • TB Seminars  
  • TB Newsletters | • Technical assistance in Low-and-middle-income countries (LMICs) in the promotion and Implementation of the WHO Global Action Framework for TB research  
  • Guideline development in treatment and prevention of TB  
  • Policy development  
  • Courses:  
  - Economic evaluations as part of implementation research.  
  - Economic Research Methods  
  - TB Research Methods  
  - Qualitative research in TB  
  - Advanced TB Diagnostics research |
| • Testing and Diagnosis | | | |
| • Treatment | | | |
| • Capacity building and Training | | | |
| • TB in specific populations | | | |
| • Knowledge transfer, Advocacy and Policy setting | | | |
| • Publications, Resources and Tools | | | |

*FUNDING: FMHS, GHP  
*FUNDING: RI-MUHC

WHAT DO WE WANT TO ACHIEVE?

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<th>PRIORITIES AND ACTIONS / STRATEGIC PLAN 2021-2025</th>
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| • **Action 1:** Develop new research partnerships in Canada and globally  
  - Develop formal agreements – MOU and contract – with National TB programs, Universities/Research Institutes and NGOs working in TB research in LMICs.  
  - Develop new research collaborations with Canadian partners, starting with Montreal Public Health (common areas of research, shared supervision) |
| • **Action 2:** Develop new inter-disciplinary research  
  - Identify one theme for this research – TB Prevention – which can involve many disciplines.  
  - Identify potential funding sources for inter-disciplinary, translational projects.  
  - Establish mechanisms for co-supervision of trainees by investigators from different disciplines. |
| • **Action 3:** Create a community advisory board (CAB) in Canada – Patient voice  
  - Identify CAB members - with assistance of Montreal Public Health, Other Montreal NGOs, as well as Canadian NGO’s (Results Canada, STOP-TB Canada)  
  - Develop our CAB members toolkit: staffing, goals, roles and responsibilities, compensation and recognition. Identify funding. |
| • **Action 4:** Develop a McGill recruitment plan for new investigators – Clinician scientists, PhD scientists and Social scientists  
  - Identify the needs of the faculties and departments that have tenure track slots open/will be hiring.  
  - Prepare a recruitment plan, for specific individuals who do TB research and that meet these needs of other departments (Medicine or SGPH for clinicians, basic science for PhD scientists. |
MTBC FULL LIST OF MEMBERS

Gonzalo Alvarez
Marcel Behr, Associate Director
Andrea Benedetti
Paul Brassard
Jonathon Campbell
Amrita Daftary
Nandini Dendukuri
Maziar Divangahi, Associate Director
Tim Evans
Christina Greenaway
Philippe Gros
James Johnston
Faiz Ahmad Khan, Associate Director
Robyn Lee
Simon Grandjean Lapierre
Dick Menzies, Director
Momar Ndao
Charity Omenka
Olivia Oxlade, Associate Director
Madhukar Pai, Associate Director
Michael B. Reed
Erwin Schurr
Kevin Schwartzman
Hafid Soualhine
Giogia Sulis
Frédéric J. Veyrier
Alice Zwerling

MTBC ASSOCIATE MEMBERS

Luis Barreiro
Anurag Bhargava
Claudia Denkinger
Nora Engel
Greg Fox
Stéphanie Law
Ruslami Rovina
Srinath Satyanarayana
Anete Trajman
Toyin Togun

INTERNATIONAL COMMUNITY ADVISORY BOARD MEMBERS

Priya Amin (Canada)                              Coordination:
Tenzin Kunor (USA)                               Dick Menzies (Canada)
Handaa Rea (Mongolia)                            Lisandra Lannes (Canada)
Zolelwa Sifuma (South Africa)                    
Nandita Venkatesan (India)

In line with MTBC / WHO CC priorities, we set an International virtual Community Advisory Board (CAB) to support patient voice in TB research around the world. The CAB serves as a patient advisory group to encourage greater patient involvement into research design, as well as help with knowledge translation, and contribute to build a TB research network. This research advisory board advises on research protocols and results, including their dissemination, with a view of improving TB research programs.