

FACULTY POSITION AVAILABLE

SCIENTIST

Cell biological pathways in health and disease – Advanced Imaging

**The Hospital for Sick Children, Research Institute
University of Toronto**

The Research Institute at [The Hospital for Sick Children](http://www.sickkids.ca) (SickKids) is seeking an outstanding Scientist who is committed to developing and applying advanced cell biology imaging approaches to address fundamental questions relevant to understanding cell biological pathways and how they are disrupted in pediatric disease. The successful applicant will fill a permanent Scientist faculty position at SickKids, with academic cross-appointment to a relevant department at [The University of Toronto](http://www.utoronto.ca). The SickKids Research Institute is Canada's largest hospital-based child health research institute. Our commitment is to improve the health of children, here in Canada and the global community.

Applicants must have a Ph.D. or M.D./Ph.D or equivalent in a relevant discipline, as well as significant research experience (i.e., at least 3 years postdoctoral) and a record of outstanding scientific accomplishment and technical innovation in cell biology and imaging science. Applicants are expected to demonstrate evidence of successful research funding (peer-reviewed grants, fellowships, etc.), publications in leading journals, presentations at significant conferences, and increasing leadership experience in research. Applicants should have a strong track record of productivity and innovation in cell biology imaging methods development and application, as well as an established record of collaboration and interdisciplinary research. Researchers with expertise in developing cutting-edge imaging technologies, including developing novel algorithms and machine learning models and frameworks to analyze and integrate imaging data, are encouraged to apply. Applicants whose research focuses on 3-D analysis of light or electron microscopy imaging relevant to the study of cellular pathways are particularly welcomed.

The successful candidate will be appointed as a Scientist in the [Cell Biology Program](#) in the SickKids Research Institute, and will be expected to qualify for an academic cross-appointment as an Assistant Professor in an appropriate department at the University of Toronto. This will require the successful candidate to: (a) Directly supervise students, postdoctoral fellows, and research associates; and (b) Work with trainees to prepare scientific manuscripts, grant applications, drafts of patent applications, etc. They will engage in an original, competitive, and independently funded research program of international caliber that will investigate questions related to the structure and function of cells, tissue, or organs in the context of child health and disease by developing and applying advanced computational and AI methods relevant to different imaging modalities. Salary will be commensurate with qualifications and experience. A competitive benefits package is being offered along with support for relocation expenses. Exceptional, appropriately qualified candidates may be nominated for a Canada Research Chair. For further information see: <http://www.chairs-chaire.gc.ca/home-accueil-eng.aspx>.

The successful applicant's research program will be housed at the SickKids Research Institute in the state-of-the-art Peter Gilgan Centre for Research & Learning (686 Bay Street, Toronto, Canada), located in the Discovery District in the heart of downtown Toronto. SickKids is fully affiliated with the University of Toronto – Canada's largest and top-ranked university, and our researchers benefit from the extensive

research facilities at the University of Toronto and other affiliated institutions. The position offers a unique environment for medical science discoveries, with nine teaching and research hospitals in close proximity. The position offers the opportunity to conduct research, teach, and live in one of the most vibrant, safe and diverse cities in the world.

The Hospital for Sick Children recognizes that scholars have varying career paths and that career interruptions due to personal circumstances can be part of an excellent academic record. Candidates are encouraged to explain any personal circumstances to allow for a fair assessment of their application. Search committee members have been instructed to give careful consideration and be sensitive to the impact of career interruptions in their assessments.

Our Commitment to Diversity

SickKids and the University of Toronto are strongly committed to diversity within its communities and especially welcomes applications from racialized persons / persons of colour, women, Indigenous / Aboriginal People of North America, persons with disabilities, 2SLGBTQIA+ persons, and others who may contribute to the further diversification of ideas. Informed by the Accessibility for Ontarians with Disabilities Act (AODA), the Ontario Human Rights Code, and our Access and Accommodation Policy, SickKids is proud to make available accommodations to support applicants during the interview and assessment process, if requested. Please advise the SickKids Research Institute Faculty Office at faculty.office@sickkids.ca of your accessibility needs during the recruitment process. Information received relating to accommodation will be addressed confidentially.

Application Process

Interested individuals should email their application in PDF format to: Dr. John Brumell, Program Head, Cell Biology Program at cellbiology.recruitment@sickkids.ca.

The application should include: cover letter, curriculum vitae, description of past research, research plan (3-5 pages) and copies of three representative publications. Three letters of reference (indicating applicant's name in subject line) should be emailed directly by the referees to the above address. Applications will be accepted until September 15, 2022.

SickKids believes that diversity positively impacts science and is essential to sustain our vibrant world-leading research community. As part of the application process, you will be asked to complete a brief voluntary diversity survey. Any information directly related to you is confidential and cannot be accessed by either the search committee or human resources staff. Results will be aggregated for institutional planning purposes. The self-identification information is collected, used, disclosed, retained and disposed of in accordance with the [Privacy Act](#) and the [Access to Information Act](#).

All qualified applicants are encouraged to apply; however, in accordance with Canadian immigration requirements, Canadians and permanent residents will be given priority. The successful candidate will hold an appropriate and valid work permit, if applicable. Only those applicants selected for the interview will be contacted. Wherein a practicing MD, the successful candidate must hold or be eligible for licensure with the College of Physicians and Surgeons of Ontario.

FOR EXTERNAL APPLICANTS ONLY: As a health care institution, our highest priority is the safety of patients, families and staff. As a result, we are adopting all prevention measures to ensure the safety of our patients, families and our staff. Therefore, any offer of employment is conditional upon you submitting proof that you have been fully vaccinated with a Health Canada or World Health Organization (WHO) approved COVID-19 vaccination as soon as possible and no later than fourteen (14) calendar days prior to the

effective start date, in addition to satisfying any other condition(s) that may be set out in an offer. If a candidate fails to satisfy this condition (or any other condition(s) set out in an offer), any offer of employment shall be immediately rescinded.