

Today
we can



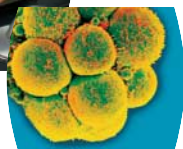
www.brainrepair.ca

Aiming to cure
the incurable

THE BRAIN REPAIR CENTRE HAS EXPANDING STATE-OF-THE-ART RESEARCH FACILITIES.

In partnership with the National Research Council, we are home to one of the most powerful imaging magnets in the world, the 4 Tesla MRI. **Our Neuroimaging Research Laboratory** specializes in a technique known as functional magnetic resonance imaging. The 4 Tesla MRI system allows researchers to investigate both structure and function of the brain at a cellular level. Pioneering researchers in the fields of imaging, neurology, stem cell neurobiology, vision, molecular neurobiology, pharmacology, psychiatry, clinical trials and cognitive neuroscience are lining up to take a look.

Our **Cell Restoration Laboratory** is dedicated to research and development strategies that use stem cells to repair and treat brain disorders and spinal cord injury. The Laboratory complements our neural transplantation program, unique in Canada and one of only four such centres worldwide.

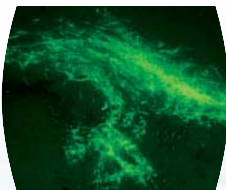


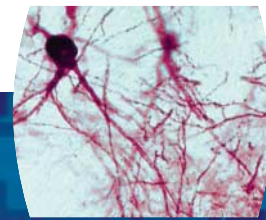
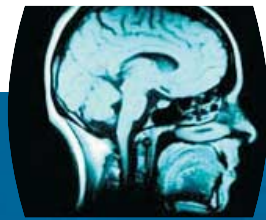
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SPONSORS AND PARTNERS





Today we investigate

Today we contribute

Tomorrow we will

PARKINSON'S DISEASE. ALZHEIMER'S. ALS. MULTIPLE SCLEROSIS. STROKE. EPILEPSY. MENTAL ILLNESS. VISION DYSFUNCTION. SPINAL CORD INJURY. CANCER. CHRONIC PAIN.

Neurological diseases devastate individuals, families and communities. They also place an enormous strain on an already stretched health care system.



Finding a cure for the incurable is what the Brain Repair Centre is all about. More than 100 basic science and clinical researchers, doctors and surgeons are working together to avert, alleviate and repair damage to the

brain and the spinal cord. Their work ranges from replacing tissue in the human brain to recover lost capability to exploring the fields of imaging, stem cell neurobiology, pharmacology, psychiatry, ophthalmology, neurology and cognitive neuroscience in the search for a cure, a treatment and prevention.

The goal is to repair the structure of the brain and spinal cord to bring about normal neurological function.



TO THE ECONOMY. TO NEW COMPANY DEVELOPMENT. TO INDUSTRIAL PARTNERSHIPS. TO INCREASED FUNDING FROM NATIONAL SOURCES. TO JOB CREATION AND TRAINING.

As a leader in the growing life sciences sector, the Brain Repair Centre encourages technology transfer, partnership, commercialization and economic development.

We link researchers, educators, entrepreneurs and private industry across Atlantic Canada, nationally and internationally. Our collaborative and innovative research environment promotes the development and commercialization of new research discoveries. Our researchers have a proven track record of investment attraction and successful commercialization.

In addition to scientific advances and economic development, the Brain Repair Centre draws new researchers and clinicians to the Atlantic region providing patients with access to the best neurological treatments in the world.

CONTINUE TO WORK TO RESTORE LOSS OF FUNCTION. EFFECT RECOVERY. PREVENT ILLNESS.

We will aim to repair the structure of the brain and spinal cord to bring about normal neurological function.



Our goal is to cure the incurable.