



NeuroScience
Canada
Partnership

ANNUAL REPORT 2002

NeuroScience
Canada
Foundation

ACCELERATING RESEARCH TO
REPAIR THE BRAIN



MESSAGE FROM THE PRESIDENT



A non-profit organization is often thought to be primarily a fundraising organization. However, raising funds is only part of the equation: disbursing those funds responsibly is the more important part. NeuroScience Canada has always believed that without the latter, we would neither be serving the research community nor our donors.

In 2002 we tapped into our network of scientists and program partners and asked the question: "How can we uniquely accelerate the potential for breakthroughs in neuroscience research? The answer was two-fold: first, in our capacity as an "umbrella" organization for the neurosciences, *focus on research that looks at common mechanisms* across diseases and disorders; second, *bring together researchers* with different backgrounds from different disciplines and support increased collaboration. Increased collaboration will enhance innovation—and innovation will lead to breakthroughs.

This led us to ask a second question: "How can we think big—support collaborative research with potential applications to a range of diseases and disorders—while having the necessary focus in our science program to build a clear and compelling case to engage partners and donors?" In the course of our deliberations, we were invited by a group of Canadian neuroscientists to discuss an exciting new field of scientific endeavour that is exploring means of enhancing the brain's ability to be repaired or to repair itself. This new field, brain repair, holds great promise for discoveries that can be applied to a range of neurological and psychiatric diseases and disorders. There was consensus that NeuroScience Canada was the right organization to take the lead on a research program focused on brain repair.

The Brain Repair Program will be NeuroScience Canada's singular focus moving forward—an opportunity for us to draw on our participation in other neuroscience research programs and tap into our network that has grown over the years—in order to deliver a program that serves both the neuroscience research community and our donors who wish to have the greatest possible impact with their donations.

Research must serve people: knowledge must be translated into better and new ways of treating people, bringing hope, comfort and ultimately cure. NeuroScience Canada must continue to ask the right questions, to evaluate our effectiveness, to focus on "who we serve" in setting the course of "what" we do. I look forward to keeping you updated on our progress in the year ahead.

INEZ JABALPURWALA
PRESIDENT
NEUROSCIENCE CANADA PARTNERSHIP AND
NEUROSCIENCE CANADA FOUNDATION

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MESSAGE FROM THE PARTNERSHIP AND FOUNDATION CHAIRS

In 2002 NeuroScience Canada made much progress in our program development, in raising funds for our existing portfolio of programs, and in building the philanthropic case for a new brain repair research program. An expanded Science Advisory Council was formed by recruiting prominent neuroscientists from across Canada.

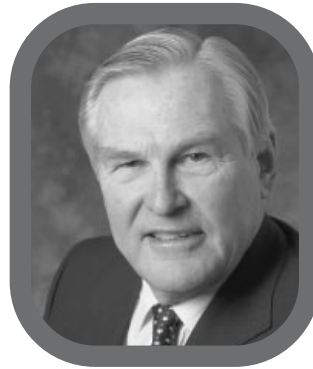
The Science Advisory Council led the process of developing a national research program on brain repair. This is an exciting new field of multidisciplinary endeavour focused on understanding the generic mechanisms of brain repair and regeneration. It holds great promise for remedial discoveries applicable across a wide range of neurological and psychiatric diseases and disorders.

The Brain Repair Program draws on our history of support of the neurosciences and the strong links we have developed with government and voluntary health organizations through our participation and collaboration in partnered research programs. The Brain Repair Program gives NeuroScience Canada an opportunity to collaborate with the Canadian Institutes of Health Research. At the same time, our partnering with voluntary health organizations can help them enhance their own research activities.

The National Brain Repair Fund Campaign that was launched in 2001 continues to gain momentum, and funds raised in 2002 were directed to our existing program commitments, including the Barbara Turnbull Award for Spinal Cord Research, Cognitive Impairment in Aging and Gene Therapy for Neurological Diseases programs, the Alberta Initiative, and to initiate our Brain Repair Program.

In 2003, we shall recruit additional volunteer leaders to accelerate the Brain Repair Fund Campaign and will leverage donated funds for the Brain Repair Program by building on existing and establishing new partnerships. We will add neuroscientists from the international research community to our Science Advisory Council, who will help us benchmark our work and ensure that our program remains internationally competitive and at the forefront of neuroscience.

We are proud of the progress made since 1997/1998, when the federally funded NeuroScience Network launched its



transformation from a government-funded centre of excellence to the affiliated philanthropic organizations, the NeuroScience Canada Partnership and the NeuroScience Canada Foundation. In addition, NeuroScience Canada has forged strong links with researchers at Canadian universities and maintained our ability to leverage donated funds with matching funds from government partners, and through partnerships with other voluntary health organizations.

Since this transformation began we have raised \$5.4 million, leveraged an additional \$19.6 million, and funded 83 neuroscientists and teams through awards, scholarships and fellowships. We sincerely thank our volunteer leaders from the science and business communities who made our transformation possible, as well as the program partners and funders who continue to believe in the value of our work. We also thank our President and her staff for their work and dedication.

We look forward to expanding NeuroScience Canada's contribution to excellence in neuroscience research in 2003 and beyond, and to increased collaboration with the neuroscience research community and other partners. Ultimately, NeuroScience Canada remains focused on the goal of bringing relief and hope to the millions of Canadians challenged by diseases and disorders of the brain and nervous system.

MICHAEL H. WILSON
NATIONAL CHAIR
NEUROSCIENCE CANADA
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(Canada);
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NeuroScience Canada Foundation
(Toronto)



IN THE PAST YEAR, OUR BOARD FORMED TWO COMMITTEES: A GOVERNANCE COMMITTEE, TO PROVIDE COUNSEL ON GOVERNANCE MATTERS AND ENSURE THE SMOOTH INTEGRATION OF THE PARTNERSHIP AND FOUNDATION ACTIVITIES, AND AN AUDIT AND FINANCE COMMITTEE, TO REVIEW BUDGETS AND FINANCIAL STATEMENTS ON A REGULAR BASIS. BOTH COMMITTEES WORK CLOSELY WITH THE PRESIDENT AND REPORT REGULARLY TO THE BOARDS OF THE NEUROSCIENCE CANADA PARTNERSHIP AND THE NEUROSCIENCE CANADA FOUNDATION.

DURING THE YEAR, THE GOVERNANCE COMMITTEE REVISED THE MANDATES OF THE PARTNERSHIP AND FOUNDATION BOARDS AND CHAIRS, THE PRESIDENT, THE VICE-PRESIDENT AND CHIEF SCIENCE ADVISOR, AND THE SCIENCE ADVISORY COUNCIL. IN 2003, IT WILL PLACE EMPHASIS ON BOARD DEVELOPMENT AND WILL RECOMMEND ADDITIONAL MEMBERS WHO CAN BRING NEW SKILLS AND PERSPECTIVES TO THE BOARD. THE AUDIT AND FINANCE COMMITTEE HAS REVIEWED AND APPROVED DETAILED FINANCIAL STATEMENTS AND THE OPERATING BUDGET, AND WILL ENHANCE THE ORGANIZATION'S CAPACITY TO USE DONATIONS EFFECTIVELY FOR THEIR INTENDED PURPOSES.



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and Psychology
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Vice President, Research
Centre for Addiction and
Mental Health

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Professor
Departments of Cell Biology and
Anatomy, and Pharmacology and
Therapeutics
University of Calgary



HIGHLIGHTS OF 2002: A YEAR OF PARTNERSHIP, PROGRAM AND FUNDRAISING SUCCESS

In 2002, NeuroScience Canada made significant progress in our partnership, program and fundraising activities. Since the transformation of the NeuroScience Network into the NeuroScience Canada Partnership and affiliated NeuroScience Canada Foundation in 1997/98, we have raised \$5.4 million and leveraged an additional \$19.6 million from our government and voluntary health organization partners. We are pleased to report that the funds raised to date are already contributing to innovative neuroscience research programs, and to the development of a brain repair program, to be launched in 2003.

This past year, we expanded our Science Advisory Council to include prominent neuroscientists from across Canada. This Council and NeuroScience Canada's Vice-President and Chief Science Advisor, Dr. Richard Riopelle, led the process of developing a national brain repair program, which will support teams engaged in cross-cutting, multi-disciplinary research to explore means of enhancing the brain's ability to be repaired or to repair itself. This new field of scientific endeavour is relevant not only to neurological conditions such as stroke, Alzheimer's and Parkinson's disease, but also to mental illness, addiction, and chronic pain. The Brain Repair Program will build on NeuroScience Canada's history of supporting excellent Canadian neuroscience research, and leverage our existing partnerships and programs.

A CANADIAN BRAIN REPAIR PROGRAM: PROMISE FOR NEW TREATMENTS FOR NEUROLOGICAL AND PSYCHIATRIC DISORDERS

"THESE ARE EXCITING TIMES FOR THE NEUROSCIENCES. THE CONVERGENCE OF SEVERAL BIOMEDICAL DISCIPLINES SUCH AS GENETICS, MOLECULAR BIOLOGY, PHYSIOLOGY AND PHARMACOLOGY, WITH CLINICAL DISCIPLINES OF NEUROLOGY, NEUROSURGERY, PSYCHIATRY AND REHABILITATION MEDICINE, AS WELL AS PHYSICS, CHEMISTRY, IMAGING AND NANOTECHNOLOGY IS UNPARALLELED. THIS CONVERGENCE WILL ENABLE US TO BETTER ADDRESS MAJOR ISSUES OF BRAIN FUNCTIONS AND BRAIN REPAIR."

DR. SERGE ROSSIGNOL
DIRECTOR OF THE CENTRE FOR RESEARCH IN NEUROLOGICAL SCIENCES, UNIVERSITÉ DE MONTRÉAL;
CO-DIRECTOR OF LE RÉSEAU EN SANTÉ MENTALE ET NEUROSCIENCE; MEMBER, NEUROSCIENCE CANADA'S SCIENCE ADVISORY COUNCIL

Escalating knowledge and new technologies across disciplines are identifying common mechanisms regulating processes for repair, restructuring, remodelling and recovery of brain function. The challenge is to co-ordinate the strands of new knowledge and translate them into repair and recovery strategies that could be applicable to many diseases and disorders of the brain and nervous system.

The mission of NeuroScience Canada's Brain Repair Program is to fast track "transformative" research to discovery and to the development of

new treatments and therapies for neurological and psychiatric diseases and disorders. We will achieve this by funding teams of investigators from various disciplines and institutions that have the best chance of producing rapid progress in repairing the brain.

The Brain Repair Program will fund teams of at least three investigators with the goal of accelerating innovative and excellent brain repair research that will be translated to better patient care. Teams will be selected through an open competition, and both established and younger researchers will be encouraged ▶



"THE BRAIN REPAIR PROGRAM LAUNCHED BY NEUROSCIENCE CANADA IS MOST TIMELY, INNOVATIVE AND BUILT ON KEY STRENGTHS OF CANADA IN THE NEUROSCIENCES. IT IS STRATEGICALLY ALIGNED WITH A MAJOR INITIATIVE OF CANADIAN INSTITUTES OF HEALTH RESEARCH AND THE INSTITUTE OF NEUROSCIENCES, MENTAL HEALTH AND ADDICTION ON REGENERATIVE MEDICINE AS A NEW FIELD AIMED AT REPAIRING THE HUMAN BODY USING CUTTING-EDGE SCIENTIFIC KNOWLEDGE AND TECHNOLOGIES. BY WORKING TOGETHER AS CLOSE PARTNERS, I AM FULLY CONVINCED OF THE SUCCESS OF THE BRAIN REPAIR PROGRAM DEVELOPED BY NEUROSCIENCE CANADA. SUCH A PROGRAM WILL KEEP AND ATTRACT THE BEST MINDS IN CANADA TO THIS CUTTING-EDGE RESEARCH FIELD. THEIR DISCOVERIES WILL IMPROVE THE HEALTH OF CANADIANS SUFFERING FROM VARIOUS BRAIN DISORDERS."

DR. RÉMI QUIRION
SCIENTIFIC DIRECTOR, INSTITUTE OF NEUROSCIENCES, MENTAL HEALTH AND ADDICTION
CANADIAN INSTITUTES OF HEALTH RESEARCH

to apply. A peer review, led by NeuroScience Canada's Science Advisory Council, and including members from among our program partners, will make the final selection of funding recipients.

Each team will receive \$500,000 per year for three years. To facilitate collaboration and networking, an

additional \$20,000 will be provided to each team per year, to cover the costs of an annual meeting of all investigators and two team meetings.

The Brain Repair Program will be launched in 2003. Up to five teams will be funded in the first cycle of the program, pending donor and partner contributions.

OUR PROGRAM PORTFOLIO: A STRONG FOUNDATION FOR CANADIAN BRAIN REPAIR RESEARCH

In the context of our \$10-million National Brain Repair Fund Campaign, launched in 2001, we are supporting a portfolio of partnered research programs (in alphabetical order): the Alberta Initiative, the Barbara Turnbull Award for Spinal Cord Research,

the Cognitive Impairment in Aging Partnership, the Gene Therapy for Neurological Diseases Program, and the Dr. Norma Calder Schizophrenia Post-Doctoral Fellowship. This portfolio provides a strong foundation for our Brain Repair Program.

ALBERTA INITIATIVE: \$1 MILLION FOR NEUROSCIENCE RESEARCH IN ALBERTA

"I WOULD LIKE TO THANK RICHARD AND LOIS HASKAYNE FOR FUNDING MY AWARD THROUGH THE NEUROSCIENCE CANADA FOUNDATION. THEIR GENEROUS DONATION HAS ASSISTED ME IN OBTAINING MY MASTER'S DEGREE AT THE UNIVERSITY OF CALGARY AND ATTENDING SCIENTIFIC CONFERENCES, INCLUDING THE 31ST ANNUAL MEETING OF THE SOCIETY FOR NEUROSCIENCE AT SAN DIEGO, WHERE I WAS ABLE TO PRESENT MY RESEARCH, A CRITICAL ELEMENT IN ESTABLISHING MY SCIENTIFIC CAREER."

MARK BALLERMAN
UNIVERSITY OF CALGARY, DEPARTMENT OF CELL BIOLOGY AND ANATOMY
THE RICHARD AND LOIS HASKAYNE ALBERTA STUDENT

The Alberta Initiative is NeuroScience Canada's only provincial program and was developed with the purpose of retaining excellent young neuroscience researchers at three Alberta universities: University of Calgary, University of Alberta and University of Lethbridge. An Anonymous Donor had pledged \$300,000 conditional on NeuroScience Canada raising the balance of \$700,000. In 2002, we closed the \$1-million Alberta Initiative campaign, raising the balance of funds required to meet this challenge. To date, NeuroScience Canada has allocated \$399,650

to fund five fellowships and 19 studentships, in partnership with the Alberta Heritage Foundation for Medical Research (AHFMR), which conducted the peer review and provided matching funds at the ratio of 7:3. The combined funding has made the Alberta Initiative awards very prestigious within the scientific community, and only the top ranking candidates are considered through the AHFMR's peer review process. In 2003, NeuroScience Canada will allocate approximately \$350,000 for new awards with the AHFMR. One of these awards will be reserved for ▶



research in the area of mental illness and concurrent disorders as determinants of homelessness. The specific research focus was suggested by one of the Alberta Initiative donors, who saw an opportunity to address an important root cause of homelessness,

and potentially have direct impact on reducing homelessness in Alberta. The long-term goal of the program is to use Alberta as a model, and then have similar research efforts across Canada.

“IT WAS A GREAT HONOUR TO HAVE BEEN NAMED THE HARLEY AND BECKY HOTCHKISS ALBERTA STUDENT. THIS AWARD HAS HELPED TO MAKE POSSIBLE A “FIRST IN THE WORLD” SUCCESSFUL SIMULTANEOUS 128-ELECTRODE RECORDING OF ELECTRICAL BRAIN ACTIVITY AND FUNCTIONAL MRI IMAGING IN OUR CLINICAL AUDITORY RESEARCH LABORATORY. IT HAS BEEN THE GOAL OF MANY IN THE SCIENTIFIC COMMUNITY TO COMBINE THESE TWO PROFOUNDLY DIFFERENT TECHNIQUES, WHICH TELL US WHEN THE BRAIN HEARS AND WHERE IT PROCESSES SOUND. WE HOPE THAT WITH THIS KNOWLEDGE OF HOW OUR BRAIN ADAPTS TO HEARING LOSS, WE WILL BE ABLE TO DESIGN BETTER REHABILITATION TECHNIQUES AND BETTER DEVICES TO AID PEOPLE WITH HEARING LOSS TO LIVE HEALTHY, PRODUCTIVE LIVES.”

CARRIE TOBOLSKI, M.SC., AUD (C)
UNIVERSITY OF CALGARY, DEPARTMENT OF PSYCHOLOGY
THE HARLEY AND BECKY HOTCHKISS ALBERTA STUDENT

BARBARA TURNBULL AWARD FOR SPINAL CORD RESEARCH

This award, in support of Canadian research in spinal cord injury, is funded by NeuroScience Canada in partnership with the Barbara Turnbull Foundation for Spinal Cord Research and the Institute of Neurosciences, Mental Health and Addiction (INMHA) of the Canadian Institutes of Health Research (CIHR). Dr. David Kaplan, one of Canada’s outstanding spinal cord researchers, and currently head of cancer research at Toronto’s Sick Children’s Hospital, has been named the 2002 recipient of the Barbara Turnbull Award. Dr. Kaplan, who will be sharing his award with Dr. Freda Miller and a multi-disciplinary team of researchers, received the highest ranking in the CIHR’s annual federal funding competition. Dr. Kaplan’s research has identified the Trk/nerve growth factor receptor, which is critical for the development and survival of nerve cells.

The prestigious Barbara Turnbull Award for Spinal Cord Research will directly support leading spinal cord research in Canada, and will also draw attention to the need for private donors to work with granting agencies to enhance government-funded programs. The award was established in 2001 to align the efforts of the three partnering organizations in support of spinal cord research in Canada. NeuroScience Canada contributed \$25,000 to this award, which was leveraged with \$325,000 of partnered funding for a total of \$350,000.



FROM LEFT TO RIGHT: DR. DAVID KAPLAN, 2002 BARBARA TURNBULL AWARD RECIPIENT; MS. INEZ JABALPURWALA, PRESIDENT, NEUROSCIENCE CANADA; MS. BARBARA TURNBULL, PRESIDENT, THE BARBARA TURNBULL FOUNDATION FOR SPINAL CORD RESEARCH; DR. RÉMI QUIRION, SCIENTIFIC DIRECTOR, INSTITUTE OF NEUROSCIENCES, MENTAL HEALTH AND ADDICTION

“I WANT TO THANK THE ORGANIZATIONS THAT HAVE MADE THIS AWARD POSSIBLE. WITHOUT THIS KIND OF SUPPORT, RESEARCHERS IN THIS COUNTRY WOULDN’T BE ABLE TO PUSH THE BOUNDARIES OF SCIENCE, WHICH WILL HOPEFULLY LEAD TO IMPROVED THERAPIES.”

DR. DAVID KAPLAN, 2002 BARBARA TURNBULL AWARD RECIPIENT
SENIOR SCIENTIST AND HEAD, CANCER RESEARCH PROGRAM
CANADA CHAIR IN CANCER AND NEUROSCIENCE
HOSPITAL FOR SICK CHILDREN, TORONTO



CANADIAN NEUROTRAUMA RESEARCH PROGRAM (CNRP)

The CNRP has the goals of funding excellence in neurotrauma research (brain and spinal cord repair), focusing research efforts in Canada, minimizing a duplication of efforts, encouraging collaboration between institutions, laboratories and scientists, and fostering an environment where young scientists and clinical investigators can flourish. This program is supported by NeuroScience Canada, in partnership with the Rick Hansen Institute/Rick Hansen

Neurotrauma Initiative-BC, Regeneration Tour Society, The Alberta Paraplegic Foundation, Manitoba Neurotrauma Initiative, Newfoundland/Labrador Neurotrauma Initiative, Ontario Neurotrauma Foundation and the CIHR. Since the launch in 1999, \$16.8 million has been disbursed, funding 56 operating grants and 22 fellowships. NeuroScience Canada's contribution of \$600,000 has been leveraged with \$16.2 million in partnered funds.

"THE CANADIAN NEUROTRAUMA RESEARCH PROGRAM HAS MADE AN ENORMOUS IMPACT ON BRAIN REPAIR SCIENCE IN CANADA, WITH MANY NEUROSCIENTISTS BENEFITING FROM THIS INITIATIVE. IN PARTICULAR, MY WORK ON SKIN-DERIVED STEM CELLS THAT CAN BE DIRECTED TO BECOME NEURONS ASSESSED IN CENTRAL NERVOUS SYSTEM BRAIN REPAIR PARADIGMS WAS MADE POSSIBLE, IN PART, BY A CNRP FELLOWSHIP."

DR. FREDA MILLER
SENIOR SCIENTIST, DEVELOPMENTAL BIOLOGY AND BRAIN AND BEHAVIOUR RESEARCH PROGRAMS
HOSPITAL FOR SICK CHILDREN

COGNITIVE IMPAIRMENT IN AGING

Within the area of neurodegenerative disease, NeuroScience Canada is a strategic and funding partner of the Cognitive Impairment in Aging Partnership. This initiative is a collaboration of 13 organizations that share the goal of addressing the multi-dimensional nature of cognitive impairment in aging, including Alzheimer's disease and other dementias. The partnership is led by the CIHR's Institute of Aging. NeuroScience Canada is currently supporting a Strategic Initiative in Health Research Training, which will provide training grants for

research in cognitive impairment. This initiative aims to achieve, among others, the following objectives: support the development of innovative, effective, trans-disciplinary, and internationally competitive training programs, and embrace diverse research disciplines and methodological approaches to resolve major health issues and scientific challenges. NeuroScience Canada will contribute \$120,000, and these funds will be matched with \$240,000 from CIHR's Institute of Aging and the Alzheimer Society of Canada, for a total funding of \$360,000.

"JOINING FORCES WITH THE INSTITUTE OF AGING (OF THE CIHR) ON A NATIONAL RESEARCH STRATEGY ON COGNITIVE IMPAIRMENT WILL ALLOW DIVERSIFICATION INTO NEW AREAS THAT WILL HAVE WIDE-RANGING IMPACT. THE PARTNERS ARE INVESTING IN TOP-PRIORITY PROGRAMS OFFERED BY THE INSTITUTE OF AGING TO PROMOTE RESEARCH IN THE AREA OF COGNITIVE IMPAIRMENT AND TO DEVELOP TRAINING CENTRES AND NEW RESEARCH TEAMS WHERE YOUNG SCIENTISTS CAN DEVELOP THEIR SKILLS."

DR. GORDON WINOCUR
SCIENTIFIC DIRECTOR, THE ALZHEIMER SOCIETY OF CANADA



GENE THERAPY FOR NEUROLOGICAL DISEASES

NeuroScience Canada is also a partner of the Gene Therapy for Neurological Diseases Program. The other partners include the CIHR, the INMHA, other CIHR institutes, and the Muscular Dystrophy Association of Canada. This program supports an interdisciplinary team of researchers under the leadership of Dr. George Karpati at the Montreal Neurological Institute, who are studying the use of novel gene therapies to treat, and hopefully cure, currently untreatable neurological and neuromuscular disorders, particularly occurring in young children and adolescents. These disorders include glioblastoma multiforme (a brain tumor; GBM), Duchenne muscular dystrophy (DMD) and McArdle disease (glycogen phosphorylase deficiency). NeuroScience Canada's contribution to this \$1.5-million program is \$100,000. This program offers an exceptional leveraging of 14 dollars matched to every dollar donated.

The global aim of this program is two-fold: 1) to overcome remaining barriers to effective gene therapy for the three target diseases; and 2) to establish a comprehensive infrastructure and training program that is suitable to fostering effective implementation strategies for gene therapy of human disease in general.

The results so far are encouraging and demonstrate that therapeutic genes can effectively be transferred into diseased cells via viral-based vectors, holding a promise for application to new therapies for treating not only the three targeted diseases, but a also a wide range of other diseases that are potentially amenable to gene therapy.

“WE ARE VERY THANKFUL TO THE CONSORTIUM OF PARTNERS WHO ALL COMBINED FORCES TO FUND THIS INNOVATIVE RESEARCH THAT SHOULD POSITION CANADA AS AN INTERNATIONAL LEADER IN GENE THERAPY RESEARCH AS APPLIED TO VARIOUS BRAIN-RELATED DISORDERS. THIS IS THE BEST WAY OF FOSTERING MULTI-DISCIPLINARY ACTIVITY AND RESEARCH WITHIN CANADA AND ON AN INTERNATIONAL BASIS.”

DR. GEORGE KARPATI
DIRECTOR, NEUROMUSCULAR RESEARCH, HISTOCHEMISTRY AND GENE THERAPY LABS
MONTREAL NEUROLOGICAL INSTITUTE AND HOSPITAL
LEADER, GENE THERAPY FOR NEUROLOGICAL DISEASES PROGRAM

DR. NORMA CALDER SCHIZOPHRENIA POST-DOCTORAL FELLOWSHIP

In 2001, we announced an agreement with the Dr. Norma Calder Schizophrenia Foundation in British Columbia to fund one postdoctoral fellow at the University of British Columbia, who will conduct research on schizophrenia within the CIHR's Health Partnership Program. In 2002, the CIHR did not recommend a candidate. However, the partnership

will be continued and the award will be posted again in subsequent CIHR competitions. The fellowship will commence in September 2003. NeuroScience Canada will contribute \$10,000 for this award, which will be matched by \$30,000 in partner funding for a total of \$40,000.



THE CANADIAN COUNCIL OF CHRISTIANS AND JEWS HONOURS MICHAEL H. WILSON

In November 2002, the Canadian Council of Christians and Jews (CCCJ) presented the NeuroScience Canada Foundation's Chair, The Honourable Michael H. Wilson, with its Human Relations Award. This award is granted annually to outstanding Canadians in celebration of their leadership, commitment to volunteering, and dedication to serving Canadian society. The award recognized Mr. Wilson's personal efforts to de-stigmatize mental illness both at the workplace and in society in general, and prompted NeuroScience Canada to consider our work in the context of the CCCJ goal of promoting equality and respect for all people. NeuroScience Canada hopes that the award will help raise awareness of the often devastating impact of neurological and psychiatric diseases and disorders, and promote greater understanding of individuals living with them.



STEPHEN EPSTEIN/BIG DIPPER COMMUNICATIONS

DR. PAUL GARFINKEL, PRESIDENT AND CEO, CENTRE FOR ADDICTION AND MENTAL HEALTH, PRESENTS THE CCCJ AWARD TO THE HONOURABLE MICHAEL H. WILSON.

LOOKING TO THE FUTURE: EVEN GREATER PROMISE FOR NEUROSCIENCE RESEARCH ADVANCES

Over the past year, we integrated and strengthened our program and partnership development, and fundraising activities. We expanded our Science Advisory Council and thereby enhanced our capacity to develop and lead strategic research initiatives; and with the support and input of our Science Advisory Council, we developed a brain repair program. This program is an opportunity for NeuroScience Canada

to make a significant contribution to a field of research that holds so much promise for advances that will impact a range of neurological and psychiatric diseases and disorders. As we look to 2003 and beyond, we are well poised to have even greater impact on Canada's distinguished neuroscience research.





THANKS AND APPRECIATION TO OUR DONORS, FUNDERS, OTHER SUPPORTERS AND VOLUNTEERS

NEUROSCIENCE CANADA WISHES TO THANK THE FOLLOWING DONORS WHO HAVE GENEROUSLY CONTRIBUTED TO OUR NATIONAL BRAIN REPAIR FUND AND ALBERTA INITIATIVE CAMPAIGNS:

Achber, Vernon	Canadian Pensions and Benefits Institute,	Libin, Alvin and Mona	Stein, Richard
Aguayo, Albert, J.	Ontario Regional Council	Lind, Philip	Stripp, Bitten
AstraZeneca R&D Montreal	Castellucci, Vincent	London Drugs Foundation	Tavender, Carolyn and David
ATCO Ltd.	Crown Life	Louie, Brandt C.	Taylor, Allan R.
Barrington Petroleum Ltd.	Insurance Company	The Tong and Geraldine Louie	The Allan and Shirley Taylor
Beddis, Ian	Cumming, Tom and Mary	Family Foundation	Foundation
Max Bell Foundation	Mitzi & Mel Dobrin	Love, G. Donald	Theanon Charitable
Blundell, William	Family Foundation	Mackie, James	Foundation
Boardwalk Charitable	The John Dobson Foundation	Manitoba Medical	The Barbara Turnbull
Trust Fund	Dorrington, Keith	Students Association	Foundation for
Boeckh Capital Ltd.	Fraser, Anne	Mannix, Ronald N.	Spinal Cord Research
The Graham Boeckh	Guest, Gowan	Manulife Financial	The William and Nancy Turner
Foundation	Govain, Royal A.	McCaig, Ann	Foundation
Bois, Pierre	Haskayne, Richard F.	The J.W. McConnell	Toronto Dominion Centre/
The R.P. Bratty Charitable	Hotchkiss, Harley N.	Family Foundation	The Cadillac Fairview
Foundation	Hyndman, Lou D.	Melcor Developments Ltd.	Corporation Limited
The Marjorie and Gerald	Imasco/Pharmaprix	Muller, Linda	TransCanada Pipelines Ltd.
Bronfman Foundation	Jabalpurwala, Inez	Newall, J.E. (Ted)	Trimac Corporation
Bull, Warren C.	The Norman and Margaret	Peters, Robert G.	UBS Bank (Canada)
The Calgary Foundation/	Jewison Charitable	Phillips, Anthony G.	Viner, Paula
David and Leslie Bissett	Foundation	Robb, Christopher J.	The W. Garfield Weston
Fund	Johnston, David	Royal Bank Financial	Foundation
Canada Life	The Henry and Berenice	Group Foundation	Wilson, Michael H.
Canadian Council	Kaufmann Foundation	Rygiel, Edward K.	Wynne-Edwards, Hugh
of Christians and Jews	David and Dorothy Lam	Saskatchewan Wheat Pool	
Canadian Insurance	Foundation	Savard, Guy	
Accountants Association		SGI	

NEUROSCIENCE CANADA EXTENDS A SPECIAL THANK YOU TO AN ANONYMOUS DONOR, WHOSE \$1.5-MILLION CHALLENGE GIFT PROVIDED THE IMPETUS TO LAUNCH THE NATIONAL BRAIN REPAIR FUND CAMPAIGN AND ALBERTA INITIATIVE.

NEUROSCIENCE CANADA WISHES TO THANK THE FOLLOWING FUNDERS AND PARTNERS FOR PROVIDING IN-KIND AND OTHER INVALUABLE SUPPORT:

- Borden Ladner Gervais for their legal services and donation
- Canada Economic Development for Quebec Regions, for providing funds to support our infrastructure, enabling us to allocate the maximum dollars to our programs
- The Canadian Institutes of Health Research, and especially the Institute of Neurosciences, Mental Health and Addiction and the Institute of Aging, for their valued partnership
- Lippman Leebosh April Chartered Accountants, for their professional services and donation
- The McGill University Health Centre Research Institute, located at the Montreal General Hospital, for their in-kind donation of our office space

VOLUNTEER LEADERSHIP FOR THE NATIONAL BRAIN REPAIR FUND CAMPAIGN

NEUROSCIENCE CANADA WISHES TO THANK THE FOLLOWING CAMPAIGN LEADERS AND VOLUNTEERS FROM ACROSS CANADA. THEIR COMMITMENT AND ENERGY ARE A CONSTANT SOURCE OF INSPIRATION:

NATIONAL BRAIN REPAIR FUND CAMPAIGN

- The Honourable Michael H. Wilson National Chair (Toronto)
- J. Anthony Boeckh (Montréal)
- Dr. Alain Caillé (Montréal)
- Alan S. Dunnett (Winnipeg)
- George F. Gaffney (West Vancouver)
- Paul J. Hill (Regina)
- Charles Kaplan (Montréal)
- Brandt C. Louie (Vancouver)
- J. Robert S. Prichard (Toronto)
- Allan R. Taylor (Toronto)

ALBERTA INITIATIVE VOLUNTEER STEERING GROUP

- Anne Fraser, Chair (Calgary)
- Mary Cumming (Calgary)
- William D. Hawley (Calgary)
- Lou D. Hyndman (Edmonton)
- Barbara J. Sparrow (Calgary)
- Carolyn Tavender (Calgary)



2002 PARTNERSHIP AND FOUNDATION FINANCIAL REPORT AT A GLANCE

NEUROSCIENCE CANADA GROUP COMBINED STATEMENT OF FINANCIAL POSITION

At December 31	2002 \$	2001 \$
ASSETS		
CURRENT ASSETS		
Cash and term deposits	856,629	1,045,255
Accounts receivable	17,331	31,784
Federal grants receivable	54,125	27,570
Deposits	101,279	116,780
	<u>1,029,364</u>	<u>1,221,389</u>
Investment in private companies	751	751
Capital assets	—	642
	<u>1,030,115</u>	<u>1,222,782</u>
LIABILITIES		
CURRENT LIABILITIES		
Accounts payable and accrued liabilities	19,867	22,388
Current portion of program commitments	629,982	—
	<u>649,849</u>	<u>22,388</u>
Program commitments	14,518	616,859
	<u>664,367</u>	<u>639,247</u>
NET ASSETS		
Net assets invested in capital assets	—	642
Unrestricted net assets	365,748	582,893
	<u>365,748</u>	<u>583,535</u>
	<u>1,030,115</u>	<u>1,222,782</u>

NEUROSCIENCE CANADA GROUP COMBINED STATEMENT OF OPERATIONS

Year ended December 31	2002 \$	2001 \$
REVENUES		
Restricted contributions	174,001	239,248
General contributions	—	329,367
Government grants	41,049	27,570
Interest and other income	16,051	46,256
	<u>231,101</u>	<u>642,441</u>
EXPENDITURES		
Grants and awards	—*	112,645
Operating expenses	448,888	397,209
	<u>448,888</u>	<u>509,854</u>
Excess of revenues over expenditures for the year	<u>(217,787)</u>	<u>132,587</u>

STATEMENTS PREPARED BY
LIPPMAN LEEBOSH APRIL, CHARTERED ACCOUNTANTS

* Multi-year commitments paid in 2000 and 2001.