1. COUNCIL COMPOSITION

ELECTED EXECUTIVE OFFICERS

PRESIDENT
Paul FERNYHOUGH, PhD
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T 235-3939
F 237-4092
pfernghough@sbrc.ca

PAST PRESIDENT
Marc DEL BIGIO, PhD
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F 789-3931
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TREASURER
Fiona PARKINSON, PhD
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SECRETARY
David McCREA, PhD
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409 BMSB
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F 789-3930
dave@scrc.umanitoba.ca

COUNCILLORS

BASIC SCIENCE
Phillip GARDINER, PhD
Physiology, 404 BMSB
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HLHP Research Inst
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CLINICAL
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BANNATYNE
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FORT GARRY
Tammy IVANCO, PhD
Dept of Psychology
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COUNCILLORS

IBD/UW
Krisztina MALISZA, PhD
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STUDENT
Katinka STECINA, MSc
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katinka@scrc.umanitoba.ca
B. AUXILIARY
Vacant (BAM committee)
Vacant (BAM committee)
Vacant (Annual Poster co-ordinator)

C. ADMINISTRATIVE SUPPORT

**WCSfN Executive Assistant**
Kelly Jorundson
Division of Neurodegenerative Disorders, R4046 SBRC
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**WCSfN Website Admin.**
Gilles DETILLIEUX
SCRC Systems Analyst
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**WCSfN Membership Services Coordinator**
Sharon McCartney
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F 789-3930
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**WCSfN Website/Imaging Tech**
Maria SETTERBOM
SCRC Graphics Tech
Physiology, 436 BMSB
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F 789-3930
maria@scrc.umanitoba.ca
2. GRASS TRAVELING SCIENTIST AWARD:

Schedule of Events (November 25, 2005):
- WCSfN GRASS TRAVELING SCIENTIST LECTURE: **YU TIAN WANG**, Ph.D.
  Professor, University of British Columbia, Vancouver  
  Time: 12:00 noon  
  "NMDA receptors in synaptic plasticity and excitotoxicity"
- WCSfN 2005 ANNUAL GENERAL MEETING
  Time: 1:30-2:00PM  
  Location: Theatre C, 2nd floor Basic Medical Sciences Bldg
- WCSfN POSTER DAY
  Time: 2:00-4:00PM
  Location: Concourse, 2nd floor Basic Medical Sciences Bldg.

Project Report:

The following is a report on the visit of Dr. Wang who was invited to come to Winnipeg in Nov 2005 to give a scientific lecture to our local neuroscience community.

1) Approximately 125 people attended the scientific lecture that was given by Dr. Wang on November 25th, 2005 at 12:30pm and held in a theatre at the University of Manitoba (notice attached).

2) Members of the audience included academics, research trainees and students from many departments including; Pharmacology and Therapeutics, Physiology, Psychiatry and Anatomy.

3) An informal reception attended by approximately 125 people was held immediately following the lecture. In conjunction with the reception, several neuroscientists displayed posters that were presented at the SFN 2005 meeting in Washington. This forum gave our members an excellent opportunity to interact with Dr. Wang on a more personal basis.


In addition to the above, Dr. Wang also met on a one-to-one basis with; members of the Division of Neurodegenerative Disorders at the St. Boniface Hospital Research Centre (Drs. Gordon Glazner, Chris Anderson, and myself);

- Drs. Fiona Parkinson, Don Miller (Dept. of Pharmacology & Therapeutics, University of Manitoba)
- Drs. Dave McCrae, Shetuan Zhang, Jun Liu (Dept. of Physiology, University of Manitoba)
- Dr. Jiming Kong (Dept of Anatomy, University of Manitoba)
- Dr. Marc Del Bigio (Dept. of Pathology, University of Manitoba)
### 3. OTHER NEUROSCIENCE MEETINGS HELD:

(For further information on lecture, click on hyperlink)

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
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<tr>
<td>2006-May-26</td>
<td>Neuroscience Rounds, May 26, 2006</td>
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<td>Brain Awareness Lectures by Dr. Carl Cotman, April 6 &amp; 7, 2006</td>
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<td>Neuroscience Rounds Revised, Friday, November 25, 2005</td>
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<td>Grass Traveling Scientist Lecture, Dr. Tu Tian Wang, Nov. 25, 2005</td>
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<td>7th Neurochemistry Winter Conference, April 2-8, 2005, Austria</td>
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<td>Visiting Scientist Seminar, Tuesday, March 29, 2005</td>
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<tr>
<td>2005-Mar-04</td>
<td>Neuroscience Rounds, Friday, March 4, 2005</td>
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4. BRAIN AWARENESS WEEK:
(2006 Brain Awareness Activities & Lectures by Dr. Carl Cotman, April 6 & 7, 2006)

Project Report:
Public & Scientific Lectures: The Winnipeg Chapter of the Society for Neuroscience held it’s 2006 Brain Awareness Week events on April 6-7th, 2006. Dr. Carol Cotman, a world famous researcher who specializes in Alzheimer’s Disease, Parkinson’s and other age-related disorders, was invited to Winnipeg to present two talks - a public seminar held on Thursday, April 6th, 2006 at the Sam Cohen Auditorium (attended by approximately 200 people) and a research seminar held on Friday, April 7th, 2006 in Theatre “C” at the Basic Medical Sciences Bldg (attended by approximately 100 people). Copies of the announcements of these events are attached for your information.

Neuroscience Poster Displays: On the afternoon of April 7th a Neuroscience Poster Display was held at the University of Manitoba Brodie Centre, involving 20 scientific posters by local neuroscience trainees. Two prizes were awarded for participating. Overall, there were approximately 100 neuroscientists and their staff. This venue provided an excellent opportunity for our neuroscientists to learn about the other work currently being done in Winnipeg.

Presentations & Booth Displays: Adjacent to the Neuroscience Poster Display, non-profit organizations setup their presentations and display booths. Participating organizations included; Alzheimer’s Society of Manitoba, Centre of Aging – University of Manitoba, Epilepsy Association of Manitoba, Huntington Society of Canada, Mental Health Education Resource Centre, Mood Disorders Association Manitoba, Parkinson Society of Manitoba, and the Manitoba Schizophrenia Society.

Science Fair - Manitoba Schools Science Symposium (MSSS): As a part of the Brain Awareness Week, the Winnipeg Chapter of the Society for Neuroscience participated in the Manitoba Schools Science Symposium (MSSS) annual provincial science fair (Grade 5-12). Our Chapter awarded 3 prizes (totaling $500) for the best neuroscience-related presentations. Approximately 40 presentations had a neuroscience subject matter and so it was a difficult job to select just 3 from such an array of talent. The judges, Drs Fernyhough, Glazner and Albensi, focused on innovation and evidence that the project was clearly the work of the student.

1st place ($250 prize); Yale Michaels (grade 9);
Title: Role of connexin 43 in apoptosis of metastatic brain cells

2nd place ($150 prize, shared); Carl Bergh (grade 6) and Adrian Hrybinsky (grade 6)
Title: His Brain Her Brain

3rd place ($100 prize); Nathalie Massaroni (grade 5)
Title: Memory Bubble

Information is also available on the WCSFN website at www.sfn-manitoba.ca
5. OUTREACH ACTIVITIES:

Our main effort this year focused on support of Manitoba Schools Science Symposium (MSSS). The students listed above all performed superbly and have been invited to visit the laboratories of neuroscience researchers at University of Manitoba. Our major aim this year has been to initiate contact and discussion with the University of Manitoba’s WISE Kid-Netic Energy outreach program directed by Ms Colleen Flather. This superb program has an annual budget of $250,000 and interacts with 25,000 school children in Manitoba. This system has been in place for many years and delivers a range of University supported programs that supplement the school curriculum in Manitoba. Until now there but has been no neuroscience component. Beginning Sept 2006 we hope to include a number of neuroscience-related events that will be delivered to 1000s of Manitoba school children (grades 5-6). These neuroscience-focused teaching aids are currently under development, they will be tested during the summer and then phased into the current delivery starting in the Fall 2006.

A couple of other outreach events that happened this fall included a talk to seniors at Lindon Woods Manor about hearing loss and a presentation to Kelvin High School students about autism.
6. MEMBERSHIP:

Membership: Over the past 6 months, our Chapter has hosted two major events; a Grass Traveling Scientist Lecture (Dr. Yu Tian Wang) and the Brain Awareness Events described previously in this document. Throughout both events, our membership department worked diligently - encouraging past members to rejoin and recruiting new members. Prior to these events, our membership consisted of 24 members. Now, post-BAW, I am excited to report that we now have 72 members.
7. WCSfN AWARDS:

In 2005 our Chapter received an SFN Student Travel Award that was presented to Mr. Jimmy DeMelo at the National Meeting.

In 2006 our Chapter has again submitted nominations for both the Student and the Postdoctoral Travel Award Competitions.
## 8. WCSfN FINANCIAL REPORT

Winnipeg Chapter Society for Neuroscience  
Revenue & Expense Report for the  
Period ending May 31, 2006

### ACTUALS YTD

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Notes:
Other BAW revenue received but not shown in this report (administered thru University of Manitoba)  
- University of Manitoba Pharmacology - $500  
- University of Manitoba VP Research - $1,000
9. Members (& prospective members)  

73 members in total

Regular Members (faculty, clinical and research associates). All affiliated with the University of Manitoba unless otherwise stated.

Chris ANDERSON, Asst Prof. Div. of Neurodegenerative Disorders
Hugo BERGEN, Assoc Prof. Human Anatomy & Cell Science
Brian BLAKEY, Prof. & Head Dept. Otolaryngology
Richard BUIST, Dept. Radiology
Kristine COWLEY, Res. Assoc. Dept Physiology
Yue DAI, Res. Assoc Dept. Physiology
Marc DEL BIGIO, Prof. Dept. Pathology
David EISENSTAT, Dept Cell Biology/Pediatrics/Ophthalmology
Brent FEDIRCHUK, Asst Prof. Dept Physiology
Paul FERNYHOUGH, Assoc Prof. & Director Div. Neurodegenerative Disorders
Emma FROST, Asst Prof. Dept. Pathology
Phillip GARDINER, HLHP Res Inst / Physiology
Gordon GLAZNER, Asst Prof. Div Neurodegenerative Disorders
Kathy GOUGH, Prof. Dept Chemistry
Tammy IVANCO, Assoc Head/Asst Prof. Dept. Psychology
Hong JI, Res. Assoc. Dept Physiology
Larry JORDAN, Prof. Dept Physiology
Jiming KONG, Assoc Prof. Dept. Human Anatomy & Cell Science
David MccREA, Prof. Dept Physiology, Director Spinal Cord Research Centre
Maria MELANSON, Asst Prof. Internal Medicine
Donald MILLER, Assoc Prof. Dept. Pharmacology & Therapeutics
Jim NAGY, Prof. Dept. Physiology
Mike NAMAKA, Asst Prof. Fac. Pharmacy
Carl OLSON, PhD student, Dept. Physiology
Fiona PARKINSON, Prof. Dept. Pharmacology & Therapeutics
Jean PATERSON, Prof. Dept. Human Anatomy and Cell Science
Michelle PORTER, Prof. Fac. Phys. Ed.
Brian SCHMIDT, Prof. Depts. Int. Med. / Physiology
Barbara SHAY, Asst. Prof. Dept. Physical Therapy
Alex SHULYAKOV, Res. Assoc. Dept. Pathology
Eugene ZAPOROZHETS, Res. Assoc. Dept Physiology

Students, Trainees, technicians and other interested

Bathelemy BOLIVAR, Grad. student
Duane BUTTON, PhD student, Physiology
Katherine COLLISTER, Div. Neurodegenerative Disorders
Susan CRAWFORD-YOUNG, Grad. student, Radiology
Brian DOLHUN, Grad student, Div. Neurodegenerative Disorders
Kalan GARDINER, Technician, Physiology  
Catherine GLIDDON, Postdoc, Div. Neurodegenerative Disorders  
Kelly HARTLE, Grad. student, Psychology 
Wavlon HUNT, Grad. student, Pharmacology & Therapeutics  
Jayne KALMAR, Postdoc, Physiology  
Colin KAZINA, Neurosurgery Res.  
Osama KHAN, Pre-Masters student, Dept. Human Anatomy & Cell Science  
William KUBAS, student  
Myriam LAFRENIERE-ROULA, PhD student, Dept. Physiology  
Jillian LeMAISTRE, Tech. Div. Neurodegenerative Disorders  
Xiuli MA, tech. Dept Human Anatomy & Cell Science  
Xiaoyan MAO, Res Assoc. Dept. Pathology  
Sharon McCARTNEY, Lab Technician, Dept. Physiology  
John McVAGH, Technician, Dept. Physiology  
Garry ODERO, Tech. Div. Neurodegenerative Disorders  
Ken OIKAWA, Postdoc, Div. Neurodegenerative Disorders  
Kelly OLSON, PhD student, Dept. Pharmacology & Therapeutics  
Juliet PACKIASAMY, Postdoc, Dept Pathology  
Daryl PERRY, Grad. student  
Kevin POWER, Grad student, Dept Physiology  
Margaret RAK, Grad. student, Dept. Chemistry  
Pradeep SALINS, MSc student, Dept. Pharmacology & Therapeutics  
Angela SCHELLENBERG, Grad. student, Dept. Pharmacology & Therapeutics  
Zongjun SHAO, Postdoc, Div. Neurodegenerative Disorders  
Ili SLOBODIAN, Grad. Student  
Katinka STECINA, PhD student, Dept. Physiology  
Andriana SZEGHALMI, Postdoc, Dept. Chemistry  
Yongyao TAN, Grad. student, Dept Biochemistry & Med Genetics  
Kim San TANY, Postdoc, Div. Neurodegenerative Disorders  
Dianshi WANG, Postdoc, Dept. Physiology  
Sandra WEBBER. PhD student, Fac. Phys. Ed  
Xuefen YANG, Tech. Dept Human Anatomy & Cell Science  
Jie YUAN, Visiting Scholar, Dept Human Anatomy & Cell Science  
Christina ZAMZOW, Grad student, Dept Pharmacology & Therapeutics  
Wenjun ZHU, PhD student, Fac. Pharmacy  

Submitted by:

Dr. Paul Fernyhough  
President - Winnipeg Chapter of the Society for Neuroscience  
R4046 St. Boniface Research Centre  
351 Tache Avenue  
Winnipeg, Manitoba  
R2H 2A6  
Tel: (204) 235-3692 or 235-3939 (Secretary) Fax: (204) 237-4092  
Email: pfernyhough@sbrc.ca Website: www.sfn-manitoba.ca
Strategies for delaying cognitive decline with age and Alzheimer's Disease

Please join us for a reception in the Atrium

Carl W. Cotman, Ph.D. is a Professor at the University of California, Irvine in the Departments of Neurobiology and Behavior at the School of Biological Sciences; and Neurology in the College of Medicine. He is also Director at the University of California Institute for Brain Aging and Dementia, a multi-disciplinary research effort combining basic science and clinical research in the areas of neurology, molecular biology, neurobiology and biochemistry. His landmark studies at UCI since 1968 have advanced the understanding of Alzheimer’s, Parkinson’s, and other age-related disorders, and his recent research on exercise and antioxidants has led to the development of strategies to promote successful brain aging. Due to his outstanding achievements and work, Dr. Cotman is a 2004 UCI Medal recipient which is The University of California, Irvine's highest honor. This award is in recognition of excellent support for the university's mission of teaching, research and public service. He has published over 671 papers and 7 books to date.

The Winnipeg Chapter SfN gratefully acknowledges the following organizations for their support

Alzheimer’s Society Manitoba
Canadian Inst. of Health Research Centre on Aging, Univ. Manitoba
Dept. Pharmacology & Therapeutics
Div. of Neurodegenerative Disorders

Epilepsy Association, Inc (Manitoba)
Huntington Society of Canada
Manitoba Brain Injury Assoc.
MB Schizophrenia Society, Inc.
Mental Health Ed. Resource Centre

Mood Disorders Assoc. Manitoba
Parkinson Society Manitoba
Society for Neuroscience
St. Boniface Research Foundation
St. Boniface Hospital Research Ctr

University of Manitoba
WISE Kid-Netic Energy

Research Seminar, April 7, 2006

“Mechanisms underlying early neuronal dysfunction during brain aging: Amyloid and pro-inflammatory cytokines suppress BDNF signal transduction”

12:00-1:00PM
Theatre C, 2nd Floor
Basic Medical Sciences Building
University of Manitoba
730 William Avenue
Reception in the Brodie Centre Atrium

“Get Connected” with Neuroscience visit the BAW...

- Neuroscience Poster Displays & Demos
- Non-profit Organization Exhibits

1:00-4:00PM
Brodie Centre Atrium
727 McDermot Avenue
The Winnipeg Chapter Society for Neuroscience in conjunction with Brain Awareness Week presents...

Dr. Carl Cotman, PhD
Public Lecture - Thursday, April 6, 2006

“Strategies for delaying cognitive decline with age and Alzheimer's Disease.”

7:00-8:00PM
Samuel Cohen Auditorium
St. Boniface Research Centre
351 Tache Avenue
Reception to follow in Atrium

Research Lecture - Friday, April 7, 2006

“Mechanisms underlying early neuronal dysfunction during brain aging: Amyloid and pro-inflammatory cytokines suppress BDNF signal transduction”

12:00-1:00PM
Theatre C, 2nd Floor
Basic Medical Sciences Building
University of Manitoba
730 William Avenue

1:00-4:00PM
Brodie Centre Atrium
Reception, Neuroscience Poster Display, & Non-profit Organization Booths

All Are Welcome to Attend
Free Admission

Carl W. Cotman, Ph.D. is a Professor at the University of California, Irvine in the Departments of Neurobiology and Behavior at the School of Biological Sciences; and Neurology in the College of Medicine. He is also Director at the University of California Institute for Brain Aging and Dementia, a multi-disciplinary research effort combining basic science and clinical research in the areas of neurology, molecular biology, neurobiology and biochemistry. His landmark studies at UCI since 1968 have advanced the understanding of Alzheimer’s, Parkinson’s, and other age-related disorders, and his recent research on exercise and antioxidants has led to the development of strategies to promote successful brain aging. Due to his outstanding achievements and work, Dr. Cotman is a 2004 UCI Medal recipient which is The University of California, Irvine's highest honor. This award is in recognition of excellent support for the university’s mission of teaching, research and public service. He has published over 671 papers and 7 books to date.

For more information contact Sharon McCartney 789-3770 or visit www.sfn-manitoba.ca

The Winnipeg Chapter SfN gratefully acknowledges the following for their support:

Alzheimer’s Society Manitoba  Huntington Society of Canada  Society for Neuroscience
Canadian Inst. of Health Research  Manitoba Brain Injury Assoc.  St. Boniface Research Foundation
Centre on Aging, Univ. Manitoba  MB Schizophrenia Society, Inc.  St. Boniface Hospital Research Ctr
Dept. Pharmacology & Therapeutic  Mental Health Ed. Resource Centre  University of Manitoba
Div. of Neurodegenerative Disorders  Mood Disorders Assoc. Manitoba  WISE Kid-Netic Energy
Epilepsy Association, Inc (Manitoba)  Parkinson Society Manitoba
OUR SPONSORS

THE WINNIPEG CHAPTER
SOCIETY FOR NEUROSCIENCE
GRATEFULLY ACKNOWLEDGES THOSE WHO
SPONSORED AND PARTICIPATED IN
BRAIN AWARENESS WEEK

OUR SPONSORS

St-Boniface Hospital & Research Foundation

PARTICIPATING ORGANIZATIONS - APRIL 7TH
Alzheimers Society of Manitoba
Centre on Aging, University of Manitoba
Department of Pharmacology & Therapeutics
Manitoba Epilepsy Association, Inc
Huntington Society of Canada
Manitoba Brain Injury Association
Manitoba Schizophrenia Society, Inc.
Mental Health Education Resource Centre
(Div. of the Canadian Mental Health Association)
Mood Disorders Association Manitoba
Parkinson Society Manitoba
WISE Kid-Netic Energy

BRAIN AWARENESS WEEK
Get Connected
The Winnipeg Chapter
Society for Neuroscience
in conjunction with
Brain Awareness Week

presents...

Dr. Carl Cotman, PhD

Public Lecture

“Strategies for delaying cognitive decline with age and Alzheimer's Disease.”

Thursday, April 6, 2006
7:00-8:00PM
Samuel Cohen Auditorium
St. Boniface Research Centre
351 Tache Avenue
Reception to follow in Atrium

All Are Welcome to Attend
Free Admission

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Epilepsy Association, Inc (Manitoba)  Parkinson Society Manitoba
The Winnipeg Chapter Society for Neuroscience gratefully acknowledges those who sponsored and participated in “Brain Awareness Week”

SPONSORS

Society for Neuroscience

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University of Manitoba

St. Boniface Hospital & Research Foundation

St. Boniface General Hospital Research Centre

PARTICIPATING ORGANIZATIONS (APRIL 7th)

Alzheimer’s Society of Manitoba
Centre on Aging, Univ. of Manitoba
Huntington Society of Canada
Manitoba Epilepsy Association, Inc.
Manitoba Schizophrenia Society, Inc.
Mental Health Education Resource Centre
(Div. of the Cdn. Mental Health Association)
Parkinson Society Manitoba
WISE Kid-Netic Energy
WCSfN Executive Council Meeting

Tuesday, September 6th, 2005
12:00 – 1:00 pm
Pharmacology Library, 2nd floor Chown Bldg.
(Lunch provided)

AGENDA

1. WCSfN Activity Report (submitted to SFN 05/05) (Paul)
2. Financial Report (Fiona)
3. 2005 Fall Grass Traveling Scientist Award (All)
4. Neuroscience Poster Day & AGM (Nov 25/05) (All)
   8:30 – 12 noon Poster Day
   12:00 – 1:00 pm Visiting Speaker
   1:00 – 2:00 pm AGM
   2:00 – 3:00 pm Reception
5. Membership (Paul/Sharon)
6. WCSfN Website (All)
8. Other Business
9. Adjournment

/klj
Winnipeg Chapter Society for Neuroscience

AGENDA

Monday, February 13th, 2005
12:00 Noon
Pharmacology Library (2nd floor Chown Bldg.)

1. Call meeting to Order

2. Approval of minutes from September 6th, 2005 meeting

3. Finance Report (Fiona)

4. New business:
   4.1 Upcoming Brain Awareness Week event (April 6-7, 2006)
       ❖ April 6th – 7pm – Public Lecture (Sam Cohen Auditorium)
       ❖ April 7th – 12 noon - Scientific Lecture – Theatre C
       ❖ April 7th – 1 – 4:00 pm Brodie Centre Atrium (Reception, poster presentations, and nonprofit booth displays)

   4.2 Conference Support Grant ($2,000)
       ❖ University of Manitoba - Faculty Medicine awarded ($1,000);
       ❖ Dept. of Pharmacology (UofM) to provide $500
       ❖ St. Boniface Research Centre to provide $500

   4.2 Outreach Activities
       4.2.1 Manitoba Student Science Symposium
       4.2.2 WISE Kid-Netic Energy
           (University of Manitoba outreach to high schools in Winnipeg)

   4.3 Visiting Speakers for 2006

5. Old Business:
   5.1 Grass Lecture report on Wang's visit
   5.2 Membership update

6. Adjournment

/klj