

Features inside:
 Mt. Gabriel 1992 Meeting Report
 CSI/SCI Budapest Travel Awards
 Immunology Research at McGill
 Upcoming Meetings/Announcements
 Have you paid your dues yet?



BULLETIN

CANADIAN SOCIETY FOR IMMUNOLOGY SOCIÉTÉ CANADIENNE D'IMMUNOLOGIE

APRIL, 1992

V. 23, No. 1

0068-9653

Editor - Rédacteur: K. Hayglass, Ph.D., Dept. Immunology, University of Manitoba, Winnipeg, MB. R3E 0W3

A REMINDER TO ALL CSI MEMBERS

WE INTEND TO PRODUCE A DIRECTORY OF THE CSI MEMBERSHIP IN LATE SPRING OF THIS YEAR. THE LISTING WILL ONLY INCLUDE THOSE MEMBERS WHO HAVE FULLY PAID UP THEIR DUES. I WOULD URGE THOSE OF YOU WHO HAVE NOT YET PAID YOUR FEES TO DO SO IN ORDER TO INSURE THAT YOU WILL BE LISTED IN THE DIRECTORY AND CONTINUE TO RECEIVE CSI COMMUNICATIONS. A COPY OF THE INVOICE IS INCLUDED FOR THOSE OF YOU WHO MAY HAVE MISPLACED THE ORIGINAL. PLEASE FILL OUT THE APPROPRIATE INVOICE FORM AND INCLUDE IT WITH YOUR PAYMENT. IF ANYONE HAS NOT RECEIVED AN INVOICE, THEY CAN USE THE APPENDED FORMS TO SUBMIT THEIR REGISTRATION AND PAYMENT OF DUES.

PAYMENT MUST BE RECEIVED BEFORE MAY 15 IN ORDER TO BE ENTERED IN THIS YEARS DIRECTORY.

FULL MEMBERS:	\$73.35
ASSOCIATE MEMBERS:	\$62.65
STUDENT/EMERITUS MEMBERS:	\$25.35

PLEASE MAKE CHEQUES PAYABLE TO THE CANADIAN SOCIETY FOR IMMUNOLOGY

Secretary-Treasurer - Secrétaire-Trésorier:

J. A. Wilkins, Ph.D.
Department of Medicine
University of Manitoba
Winnipeg, Manitoba R3E 0Y8
(204) 787-4020
FAX: (204) 787-2420

Editorial policy: Contributions from Full or Student members of the Society are encouraged. As most members are capable of reading English and French with reasonable facility, the choice of language of submission is left to each contributor. As has been the policy for many years, items will be published in the language(s) in which they were contributed. In 1992-93, the Bulletin will be published three times a year, in April, September and January. Deadline for receipt of copy is the second week of the month prior to publication.

Submissions, or address corrections, should be sent to:
Kent T. HayGlass, Department of Immunology, University of Manitoba, 730 William Ave, Winnipeg, MB. R3E 0W3. Phone: 204 788 6509. FAX: 204 772 7924.

Canadian Society for Immunology
12th Annual General Meeting

New Members Admitted: Full Members

NAME	UNIVERSITY/INSTITUTION
Dr. Jamey D. Marth	British Columbia
Dr. Christopher H. Mody	Calgary
Dr. Richard Woodman	Calgary
Dr. Jayne S. Danska	Toronto
Dr. Bonnie Mallard	Guelph
Dr. J. Jongstra	Toronto
Dr. Hanne L. Ostergaard	Alberta
Dr. Yenhui Chang	Toronto
Dr. Cynthia Guidos	Hospital for Sick Children
Dr. Mark D. Baker	Guelph
Dr. Pierre Talbot	Inst. Armand-Frappier
Dr. Pauline Johnson	British Columbia
Dr. Michelle Epstein	Yale
Dr. Chris Rudd	McGill

EMERITUS MEMBERS

Dr. Sergey Fedoroff	Saskatoon
Dr. Patricia Kongshaven	McGill

New Members Admitted: Student Members

NAME	UNIVERSITY/INSTITUTION
Jacques Jr. Friborg	Montreal
Jacqueline L. Pennycook	Toronto
Naveen Bangia	Toronto
Randall S. Gieni	Manitoba
Benoît Hebert	Armand-Frappier
Louis Thibault	Laval
Sonia Neron	Laval
Greg D. Appleyard	Guelph
Mohamed M. Abdelhaleem	Manitoba
Peter Lapchak	Alberta
YouHai Chen	Manitoba
Alain Duclos	McGill
Mark A. Luscher	Toronto
Subhra Mohapatra	Manitoba
Deborah N. Burshtyn	Toronto
Alexander I. Aspinall	Calgary
Tracy Anne Maybaum	Calgary
Laurent Vanier	McGill
Sylvie Beaulieu	Montreal
Caroline Stebeck	Victoria
Arpita Maiti	British Columbia
Andrew Merry	Manitoba

SIXTH SPRING MEETING OF THE CANADIAN SOCIETY FOR IMMUNOLOGY

6^{eme} REUNION DE PRINTEMPS DE LA SOCIETE CANADIENNE D'IMMUNOLOGIE

As in previous years, we invited the winners of this year's Student Poster Competition at the CSI/SCI Spring Meeting to provide us with some information on themselves, their research and what they see as the main challenges facing research trainees. The responses of those who replied are below.

BRUCE MOTYKA

Protein Kinase C Activation and an Increase in Intracellular Ca^{2+} Rescue Sheep Ileal Peyer's Patch B Cells from Apoptosis in Short-term Culture

Bruce Motyka, Philip J. Griebel and John D. Reynolds. Department of Medical Physiology, University of Calgary, Calgary, Alberta.

I graduated with a B.Sc. in Cellular, Molecular, and Microbial Biology at the University of Calgary in 1988. I became interested in research and immunology after working in Dr. John Reynold's laboratory at the University of Calgary Health Sciences Centre during the summers of 1987 and 1988. In the fall of 1988, I enrolled in a M.Sc. program to study Ig gene diversification in sheep ileal Peyer's patch B cells, in the laboratory of Dr. Reynolds. After a year of research, I made significant progress towards cloning a λ -light chain gene; however, we realized that other "sheep" laboratories were progressing much more rapidly towards the isolation of Ig genes and the mechanism of their diversification in the ileal Peyer's patch. My project subsequently changed to studying the death of ileal Peyer's patch B cells by apoptosis, both *in situ* and in cell culture. Fortunately, this project has been quite rewarding, and in early 1990, I transferred to a Ph.D. program.

I very much enjoy immunology research, especially in the area of lymphocyte development, and would like to continue in a medical research oriented career. Certainly, continued research requires continued funding and financial support. Obtaining funding and job security will be a significant challenge that many graduate students will face as they continue a career in research. Graduate students in the field of Immunology face many challenges including: obtaining and maintaining graduate research funding; keeping up-to-date with current literature; balancing course work with research (and a life outside of Science); and, of course, publishing papers, and writing and eventually defending a thesis.

NICLAS STIERNHOLM

An Inverse Association Between Surface Immunoglobulin Expression and the Expression of the RAG Genes in a Human Mature B Cell Line

Niclas Stiernholm and Neil Berinstein, Dept. of Immunology, University of Toronto, Canada

Armed with a Bachelor of Art degree from Elon College, North Carolina, with a major in Biology, I arrived in Toronto in the fall of 1989. I was here to pursue graduate studies in the Department of Immunology, under the supervision of Drs. Neil Berinstein and Marc Shulman. As a summer student in the laboratory of Dr. Tomas Leandersson at the University of Uppsala, I had, the previous year, been introduced to the field of Immunology back in my native country of Sweden, an introduction which was very brief I was soon to learn. I quickly realized that I did not have a weak background in Immunology, I had a nonexistent one! In proof of this it should be mentioned that I, throughout my undergraduate career, believed that B cells and β cells of the Langerhans were the same thing, and that this was simply a misprint in the literature...

Now knowing the different between the two, I am well into my third year of Ph.D. studies in Dr. Neil Berinstein's laboratory. Here the majority of work revolves around the developmental and malignant aspects of B lymphocyte biology. My project is primarily focused on the regulation of the V(D)J recombination machinery during the late phases of B cell differentiation, but issues such as preferential V gene utilization and allelic exclusion are also being addressed.

With today's limited resources and fierce competition, I believe that the greatest concern and challenge to a graduate student, is to maintain a reasonably well-balanced life outside the laboratory. It is easy to get caught up in the scientific work, and ignore both the social needs of your own, as well as those of your family and friends. Although my supervisor claims that I more than enough satisfy my social needs ... in the future, whatever it may bring me, I will strive to live such a well-balanced life, since I truly feel that most of the great scientists of the world were, and some still are, multi-faceted people.

KONG ERIC YOU-TEN

Prevention of Graft-Versus-Host Disease (GVHD) by a Novel Graft Rejection Mechanism in a Non-Hybrid Resistance Model

Kong E. You-Ten, Brent Wisse, Fred Bertley and Wayne S. Lapp., Dept. of Physiology, McGill University, Montreal, Canada.

I completed my B.Sc. in 1989 from McGill University majoring in Physiology. As an undergraduate, I spent two summers doing research in Dr. Lapp's laboratory and upon completion of my B.Sc., I enrolled in the Ph.D. program under the supervision of Dr. Lapp. My research deals with transplantation immunology and graft-versus-host disease. My future interest will remain in transplantation immunology.

I believe that one of the greatest challenges facing graduate students is the reduced funding for basic science research. Faced with financial restraint, basic research will suffer and graduate students will be discouraged from pursuing research. A weakened basic research program will lead to weak clinical/applied research in an unfortunate domino effect. In order to develop an effective clinical/applied research program, funding for basic research must be a priority. *We cannot run before we master walking.*

MINUTES OF THE 12TH ANNUAL GENERAL MEETING
OF THE CANADIAN SOCIETY FOR IMMUNOLOGY
MONT GABRIEL, QUEBEC - MARCH 14, 1992

- 1) Meeting was convened by President Dr. R. Miller during the Annual Scientific Meeting of the Society, March 14, 1992.

Dr. Miller informed those attending the meeting that copies of the minutes of the 1991 Annual General Meeting held at Lake Louise, Alberta were provided for the membership at the registration desk. After confirming that there were no amendments or corrections to the minutes, they were adopted by the membership (moved by Drs. Singh and Zauder).

- 2) Secretary Treasurer's Report

Dr. Wilkins reviewed the new applications for membership to the Society since the last meeting. There were 22 applications for Student membership and 12 applications for Full membership. In addition, there were two requests for changes from Full member to Emeritus status. The names of these proposed members were read and are included in Appendix I. Dr. Wilkins asked for a motion that these nominees be accepted as members of the Canadian Society for Immunology. The motion was made by Dr. Sehon, seconded by Dr. Letarte and approved by the membership.

Dr. Owens indicated that he was aware of two qualified individuals, Drs. Michelle Epstein and Chris Rudd, who had submitted applications prior to the meeting but had not been entered on the current list. A special motion was proposed by Dr. Potworowski and seconded by Dr. Miller that under these extenuating circumstances Drs. Epstein and Rudd be admitted to the Society at the present meeting. The motion was accepted by the membership.

Dr. Wilkins asked for approval of the Society's 1990 financial statement which had been circulated last Spring. The motion for acceptance was made by Dr. Potworowski and seconded by Dr. Singh. The motion was carried.

Dr. Wilkins then reviewed the current financial status of the Society and outlined a proposed budget for the 1992-1993 financial year for discussion. He also indicated the intent to produce a membership list for circulation to the members this spring. It was stressed that only members in good standing would be listed in the directory. He urged all members to insure that their annual dues had been paid. A reminder will be published in the Bulletin.

Dr. Wilkins asked for approval from the membership to select a Winnipeg based accounting firm to audit the Society's Finances. A motion to this effect was proposed by Dr. Pilarski and seconded by Dr. Ratcliffe. The motion was carried.

Current Meeting

Dr. Miller invited Dr. Ratcliffe to comment on the current meeting. Dr. Ratcliffe indicated that the financial status was not finalized but it appeared that the meeting would generate a profit. There was some discussion as to whether the meeting had outgrown the present venue as some people were accommodated off-site from the meeting. It was felt that the current site was acceptable and in the future there might be a need to inform people earlier as to the possibility of placement in alternate accommodations.

Dr. Miller thanked the organizers, Drs. Ratcliffe, Lapp and Owens for their efforts in developing what was felt to be a highly successful meeting. All present conveyed their appreciation.

Lake Louise Meeting

Dr. Pilarski indicated that the facilities were booked for March 19-23, 1993. She agreed to chair the meeting organizing committee.

Cinader Lecture

As a point of clarification, Dr. Ratcliffe inquired as to whose responsibility it was to organize this lecture, the local organizing committee or the CSI executive. There was no decision given at this time.

President's Report

Dr. Miller outlined the travel awards program for attending the International Immunology Congress. A total of 18 awards were granted (Appendix II). He informed the membership that the Society had selected International Corporate Travel as their official travel agent for this meeting. The CSI will receive a credit from ICT for each flight or hotel accommodation booked through this agency.

As approved by the CSI council, our delegates to the Intentional Union of Immunology Societies council meeting in Budapest are Drs. Bienenstock and Miller.

Dr. Miller reported on the activities of the CFBS. There had been concern at last year's CSI meeting that the dues collected for the CFBS might in part be used to support activities other than Science Policy. Dr. Miller indicated that this was not the case; none of the CFBS levies were used for this meeting. The monies were used for Science Policy. Drs. Miller and Sehon indicated their support for this program. This was the general sentiment expressed by the membership.

Other Business

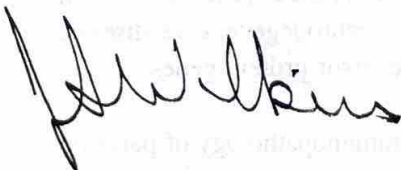
Dr. M. Letarte was asked to report on the activities of the CFBS Equal Opportunities Committee. She indicated that there had not been a formal meeting of the group as there was no financial support for the members to meet. However the focus has been on the establishment of uniform policies which take into account the special needs of women in science, especially during periods of maternity leave. She indicated that they have written to the MRC Strategic Planning Committee on this matter.

Dr. Froese reminded the members that there will be an election this year to select new councillors and executive. As per the CSI regulations the nominating committee consists of the current and the past president, Drs. Froese and Miller. Dr. Froese urged the membership to participate in the process and to nominate candidates.

Dr. Froese called for nominations for the 1993 Cinader Lecture. The two runners up from this years selection will automatically be included in the 1993 selection. He urged the members to nominate candidates. Details will be published in the Bulletin.

Dr. B. Barber enquired as to whether the CSI had considered submitting a brief to the MRC Strategic Planning Committee. It was indicated that the CSI had not and questioned if there was felt to be a role for the CSI in this process. It was felt that this was not an appropriate forum for the CSI.

Motion to Adjourn: Dr. M. Letarte, seconded Dr. M. Ratcliffe. Carried.



Over the past two years we have carried features on immunology at several different Canadian centres. Wayne Lapp volunteered, or was persuaded? , to undertake the daunting task of doing a survey of immunological research at McGill University. The results of his efforts are provided below.

PROFILE: IMMUNOLOGY AT MCGILL UNIVERSITY

Immunology researchers are not confined to any one department at McGill University but are found in several Basic Science and Clinical Departments, Institutes and Centres. In the past all immunologists were affiliated with either one of these Departments, the McGill Cancer Centre or the Parasitology Institute at Macdonald College. In recent years several Centres and Units (Host Resistance Centre, Centre for Clinical Immunobiology and Transplantation, the AIDS Centre, and Neuroimmunology Unit at the Montreal Neurological Institute) have been formed and have attracted a core of immunologists, cell biologists and molecular biologists from within the McGill Community as well as some new researchers.

There is no graduate program in Immunology at McGill. In the mid 1970s three departments (Biochemistry, Microbiology and Immunology and Physiology) joined forces and introduced an Interdepartmental Honours Immunology Program (B.Sc.). This program graduates 8-12 students each year.

Z. Ali-Khan, Microbiology and Immunology (Ph.D., McGill University), Pathogenesis of reactive amyloidosis and Alzheimer's disease.

J.P. Antel, Neuroimmunology Unit, Montreal Neurological Institute (M.D., University of Manitoba), The interactions between the immune system and the central nervous system (CNS), with emphasis on immune-mediated injury of CNS myelin and glial cell regulation of the immune response.

M. Baines, Microbiology and Immunology (Ph.D., Queen's University), Immunobiology of mammalian reproduction. Natural killer and natural suppressor lymphocyte function during malignant disease. Ocular immunology and inflammatory eye diseases (uveitis).

D. Baran, Medicine, Royal Victoria Hospital (M.D., C.M., McGill University), Mechanisms of immunologically-mediated experimental renal (glomerular) disease.

S. Baruchel, Pediatrics, McGill AIDS Centre (M.D., McGill University), Role of reactive oxygen intermediate in HIV gene activation and potential use of antioxidants in aids.

B. Brenner, Lady Davis Institute, McGill AIDS Centre (Ph.D.), Natural immunity. Cellular mechanisms of natural killer and lymphokine activated killer cell-mediated cytotoxicity. Characterization of changes associated with cancer and AIDS.

N.R. Cashman, Neuroimmunology Unit, Montreal Neurological Institute (M.D., Massachusetts), The use of lymphocytes as an accessible peripheral cell model for neurodegenerative disease, particularly the regulation, expression, and function of amyloid precursor protein genes.

K. Chadee, Institute of Parasitology (Ph.D., McGill University), Immunopathology of parasitic infections. Cellular and molecular mechanisms of macrophage activation and deactivation.

M.S. Freedman, Neuroimmunology Unit, Montreal Neurological Institute (M.D., University of Toronto), The role of heat shock proteins and gamma/delta T cells in immune-mediated central nervous system tissue injury, and its relevance to multiple sclerosis.

S.O. Freedman, Medicine (M.D., McGill University). Human tumor immunology; hypersensitivity to tuberculin; IgE antibody responses.

A. Fuks, McGill Cancer Centre (M.D., McGill), Immunological and clinical studies of carcinoembryonic antigen.

E. Ghadirian, Host Resistance Centre, Montreal General Hospital (Ph.D., McGill University), Cellular mechanisms of host resistance to infection with Entamoeba histolytica in the murine host.

N. Gilmore, Medicine, Royal Victoria Hospital and McGill AIDS Centre (M.D., University of Vermont; Ph.D., London), HIV immunodeficiency - depletion of CD4 lymphocytes and effects of antiviral agents on outcome of CD4 depletion (clinical studies).

J. Gordon, Surgery, Microbiology and Immunology (Ph.D., McGill University), The interaction of the cytokine network and adhesion molecules in cell delivery to the skin of healthy and anergic individuals.

R.D. Guttman, McGill Centre for Clinical Immunobiology and Transplantation (M.D., Minnesota), Mechanisms of allograft rejection and prolongation. Mechanisms of autoimmune diabetes mellitus.

J. Hiscott, Microbiology and Immunology, Medicine (Ph.D., New York University), Transcriptional control of interferon gene expression. Mechanisms of T cell transformation by HTLV-1. Cytokine gene expression during HIV pathogenesis.

M. Julius, Microbiology and Immunology (Ph.D. Stanford), Analysis of the molecular mechanism of antigen-receptor mediated T-cell activation.

P. Koch, Pediatrics (M.D., Temple University, Philadelphia, PA), Bone marrow transplantation for hematologic malignancy, solid tumors, aplastic anemia, S.C.I.D.

W.S. Lapp, Physiology and McGill Centre for Clinical Immunobiology and Transplantation (Ph.D., McGill University), Graft-versus-host induced immunosuppression and its effect on T and B cell ontogeny. Pathogenesis of acute and chronic GVHD.

R. Loertscher, McGill Centre for Clinical Immunobiology and Transplantation (M.D., University of Basel), The T cell receptor repertoire of auto- and alloreactive T lymphocytes and the physiological role of cellular prion protein in the human immune response.

L.A. Moroz, Medicine, Royal Victoria Hospital (M.D., McGill University), Role of leukocytes in fibronolytic mechanisms, interaction of fibronolytic pathways in inflammation.

M.M. Newkirk, Montreal General Hospital Research Institute (Ph.D., McGill University), The role common viruses play in the autoimmune response; cytomegalovirus, Epstein-Barr virus; and other factors, i.e. rheumatoid factors and other human autoantigens.

D.G. Osmond, Anatomy (M.B., Ch.B., D.Sc., Bristol), The genesis of B lymphocytes in the bone marrow and the contribution of this process to the immune system: 1) the phenotype and proliferative dynamics of precursor B cell populations; 2) local and systemic factors which regulate B cell genesis; 3) in vivo effects of recombinant cytokines and of macrophage activation; 4) in vivo localization of precursor B cell microenvironments in the bone marrow; stromal reticular cell interactions; 5) cell death and selection mechanisms; culling of aberrant B lineage cells by macrophages in the bone marrow; 6) immunodeficient and preneoplastic dysregulations of B cell genesis.

C.K. Osterland, Medicine, Royal Victoria Hospital (M.D., McGill University), 1) Autoimmunity, immune complexes, auto antibody activation; 2) Drug-induced immunological diseases; 3) Monoclonal gammopathies; 4) B cell function in HIV infection; B cell activators in body fluids.

T. Owens, Neuroimmunology Unit, Montreal Neurological Institute (Ph.D., University of Ottawa), Autoimmune T cell activation, cytokine secretion, migration and induction of pathology in murine experimental allergic encephalomyelitis. Cell contact and cytokines as mediators of T help for B cell activation.

N.C. Phillips, Montreal General Hospital Research Institute (Ph.D., London, U.K.), Drug delivery and targeting. Immunomodulators: AIDS. Vaccine development.

R.K. Prichard, Institute of Parasitology (Ph.D., University of New South Wales), Immunoparasitology: the functional role of macrophages in Schistosoma mansoni infections and mechanisms of immunomodulation of macrophage cytotoxicity by S. mansoni in vivo and in vitro.

G.J. Prud'homme, Pathology, McGill Centre for Clinical Immunobiology and Transplantation (M.D., University of Ottawa), Autoimmune diseases, immunologic tolerance, and type 1 diabetes mellitus.

V. Radoux, Medicine (M.D., McGill University), Immunogenetic analysis of the major histocompatibility complex and T cell repertoire in human immune mediated disease. Sarcoidosis is presently the main focus of study.

M. Ratcliffe, Microbiology and Immunology (Ph.D., University College London, U.K.), Role of the bursa in B cell development and the generation of antibody diversity. Transformation of avian lymphoid cells.

L. Rosenberg, McGill Centre for Clinical Immunology and Transplantation (M.D., Ph.D., McGill University), Factors regulating islet cell differentiation and proliferation and pancreas and islet transplantation.

E. Schurr, Medicine, Host Resistance Centre (Ph.D., University of Freiburg), Molecular genetics of susceptibility to infectious diseases. Multidrug resistant *Plasmodium falciparum*.

H. Shennib, Surgery, McGill Centre for Clinical Immunobiology and Transplantation (M.D., McGill University), Studies on the immunobiology of lung allografts and the elucidation of the different immunological effector mechanisms responsible for pathologic changes and/or rejection.

J. Shuster, Medicine (M.D., Alberta; Ph.D., University of California), Clinical use of tumor markers.

E. Skamene, Medicine, Host Resistance Centre (M.D., Ph.D., Charles University, Prague), Elucidation of the genetic basis of resistance and susceptibility to major diseases of adulthood including infectious diseases, atherosclerosis, neoplasia and diabetes. Of major interest is the identification and isolation of regulatory genes and their protein products, as well as study of the immunologic and biochemical mechanisms of their action.

J.M. Smith, Institute of Parasitology (Ph.D., McGill), Immunoparasitology: The functional role of macrophages in *Schistosoma mansoni* infections and mechanisms of immunomodulation of macrophage cytotoxicity by *S. mansoni*, in vivo and in vitro.

M.M. Stevenson, Medicine, Host Resistance Centre (Ph.D., Catholic University of America), Host resistance to mechanisms of cell-mediated immunity, particularly the role of cytokines in acquired immunity to blood-stage malaria.

J. Tchervenkov, Centre for Clinical Immunobiology and Transplantation (M.D.), The induction of donor specific tolerance using donor specific hemopoietic cells (blood, spleen, etc.) and selective T-cell inhibition (cyclosporin, monoclonal anti-T cell antibodies, rapamycin etc.).

D.M.P. Thomson, Medicine (M.D., Ph.D., McGill University), Human immune response to tumors and identification of molecules which are antigenic to cancer patients. Interaction between immune leukocytes and the tumor antigenic substances, of which IL-8 has been identified.

A. Veillette, McGill Cancer Centre (M.D., Laval), Role of tyrosine protein phosphorylation in T-lymphocyte functions.

M.A. Wainberg, McGill AIDS Centre (Ph.D., Columbia University), Mechanisms of action of compounds which antagonize replication of HIV-1; the impact of anti-viral chemotherapy on levels and specificities of anti-HIV-1 immunoresponsiveness; the relationship between anti-HIV immunity and development of resistance to AZT and other drugs.

V.W. Yong, Neuroimmunology Unit, Montreal Neurological Institute (Ph.D., British Columbia), The role of the immune system in mediating reactive gliosis and regeneration in the central nervous system.

CSI TRAVEL AWARDS
8th International Congress of Immunology
Budapest

Junior Faculty

Dr. Bosco M.C. Chan
Dept. of Chemistry & Biochemistry
University of Guelph
Guelph, Ontario N1G 2W1

Dr. Kenneth Croitoru
McMaster University
Intestinal Disease Research Unit
Room HSC-3N5C
1200 Main Street West
Hamilton, Ontario L8N 3Z5

Dr. Trevor Owens
Montreal Neurological Institute
3801 University Street
Montreal, Quebec H3A 2B4

Dr. Bill Pohajdak
Department of Biology
Dalhousie University
5076 Life Sciences Bldg.
Halifax, Nova Scotia B3H 4J1

Dr. Danuta Radzioch
McGill University
MGH, Room 7113
1650 Cedar Avenue
Montreal, Quebec H3G 1A4

Postdoctoral Fellows

Dr. Maria Baca-Estrada
Intestinal Disease Research
Unit, HSC-3N5C
McMaster University
1200 Main Street West
Hamilton, Ontario L8N 3Z5

Dr. Elyse Bissonnette
Dept. of Microbiology and Infectious Diseases
Faculty of Medicine
University of Calgary
Health Science Centre, 3330 Hospital Drive N.W.
Calgary, Alberta T2N 4N1

Dr. Martin Olivier
Centre for the Study of Host Resistance to Infection
McGill University, Montreal General Hospital
1650 Cedar Avenue, Room 7113
Montreal, Quebec H3G 1A4

Graduate Students

Dr. Mohamed Abdelhaleem
Manitoba Institute of Cell Biology
100 Olivia Street
Winnipeg, Manitoba R3E 0V9

Ms. Julie Desbarats
Department of Physiology
McGill University
McIntyre Medical Sciences Building
3655 Drummond Street
Montreal, Quebec H3G 1Y6

Mr. Brian Dixon
Department of Biology
Dalhousie University
Halifax, Nova Scotia B3H 4J1

Ms. Barbara L. Kee
Dept. of Molecular and Cellular Biology
Ontario Cancer Institute
500 Sherbourne Street
Toronto, Ontario M4X 1K9

Mr. Mark A. Luscher
Faculty of Medicine
Department of Immunology
Medical Sciences Building
University of Toronto
Toronto, Ontario M5S 1A8

Mr. Bruce Motyka
Faculty of Medicine
Department of Medical Physiology
The University of Calgary, Health Sciences Centre
3330 Hospital Drive N.W.
Calgary, Alberta T2N 4N1

Mr. Eustache Paramithiotis
Dept. of Microbiology & Immunology
McGill University
3775 University Street
Montreal, Quebec H3A 2B4

Ms. Johanne Poudrier
Montreal Neurological Institute
McGill University
Room 033, 3801 University
Montreal, Quebec H3A 2B4

Mr. Dale Ramsden
Dept. of Immunology
University of Toronto
Room 4360, Medical Sciences Building
Toronto, Ontario M5S 1A8

Dr. En-Min Zhou
The University of Manitoba
Faculty of Medicine, Dept. of Immunology
Basic Medical Sciences Building
730 William Avenue
Winnipeg, Manitoba R3E 0W3

2nd Announcement



The SCID Mouse in Biomedical and Agricultural Research

**an international conference
to be held**

August 5-7, 1992

at the

**Ontario Veterinary College
University of Guelph**

Guelph

Ontario, Canada

Wednesday, 5 August

Symposium addresses - 8:30 a.m.-4:30 p.m.

- | | |
|---|---|
| Dr. Mel Bosma
Fox Chase Cancer Institute
Philadelphia | The SCID mouse mutant. |
| Dr. Dean Percy
University of Guelph
Guelph | Spontaneous diseases and
care of SCID mice. |
| Dr. John Dick
Hospital for Sick Children
Toronto | Animal models of normal
and leukemic human
hematopoiesis by
transplantation into
immune deficient mice. |
| Dr. Anne Croy
University of Guelph
Guelph | Use of the SCID mouse to
address questions in
reproductive biology. |
| Dr. Tom Alosco
Roswell Park Cancer
Institute
Buffalo | Investigations of human
tumors and potential
therapeutic strategies using
SCID mouse models. |
| Dr. Dan Butler
University of Guelph
Guelph | Granulomatous bowel
disease: investigations
using SCID mice. |
| Dr. Julie Yager
University of Guelph
Guelph | The SCID and SCID/bg
mouse in studies of the
immunopathogenesis of
<i>Rhodococcus equi</i> infection. |

Local Attractions - Evening

Tours of the Ontario Veterinary College, the oldest School of Veterinary Medicine in North America.

Theatre at the world famous Statford Festival Shakespearian Theatre.

Pub Nite at the University of Guelph Faculty Club, 5th floor, University Center, cash bar

Thursday, 6 August

Symposium addresses - 8:30-10:30 a.m.

Dr. Donald Mosier Medical Biology Institute La Jolla	Viral pathogenesis in Hu-PBL-SCID mice.
Dr. Mike McCune Systemix Palo Alto	Analysis of the human hematolymphoid system using the SCID-hu mouse.

Round Table Discussion - 10:30 a.m. - lunch

Quantitation of chimerism in xenogeneically engrafted mice.	Participants: Dr. John Dick; Dr. Donald Mosier; Dr. Jim Casey, Cornell University, Ithaca; Dr. Pat Shewen, Guelph; Janice Greenwood, Guelph.
--	---

Presented Papers - 1:30-5:00 p.m.

Papers for presentation will be selected from Submitted Abstracts. (Boards will be available for poster set up at 5:00 p.m.)

Conference Dinner

An outdoor Barbecue on the University of Guelph Campus. Accompanying persons are invited to attend.

Friday, 7 August -

Poster Session - 8:30-11:00 a.m.

Poster Workshop - 11:00 a.m.-12:30 p.m.

Round Table Discussion - 11:00 a.m.-12:30 p.m.

What are the industrial applications of SCID mouse biotechnology?	Participants: Dr. Mike McCune; Dr. Graham Smith, Warner Lambert, Mississauga; Dr. Bob Clark, Agriculture Canada, Ottawa.
---	---

Symposium Addresses - 1:30-2:30 p.m.

Dr. David Porter University of Guelph Guelph	Is SCID mouse research immune to ethics?
--	---

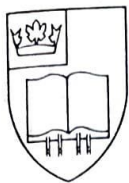
Dr. John Barta Dr. Anne Croy University of Guelph Guelph	Closing Remarks
---	-----------------

2:30 p.m.	Departure from Guelph
-----------	-----------------------

For a complete Registration Package or further information, please contact:

Dr. John Barta
Department of Pathology, O.V.C.
University of Guelph
Guelph, Ontario, Canada N1G 2W1
Telephone: 519-824-4120, ext. 4017
FAX: 519-823-5581

Abstract Deadline: May 15, 1992



The Royal Society of Canada
La Société royale du Canada

ANNOUNCEMENT

P.O. Box 9734
Ottawa, Ontario K1G 5J4

TEL: (613) 991-6990
FAX: (613) 991-6996

C.P. 973
Ottawa (Ontario) K1G 5J4

PRESS RELEASE

FOR IMMEDIATE DISTRIBUTION

FOR THE PUBLIC AWARENESS OF SCIENCE

The McNeil Medal of The Royal Society of Canada

OTTAWA - February 12, 1992 - The Royal Society of Canada is pleased to announce the creation of the McNeil Medal to highlight the important role science plays within our society and to encourage the communication of science to the public. This award consists of a medal and \$ 1 500 honorarium which will be presented annually to a person who has demonstrated outstanding ability to promote and communicate science.

The Royal Society of Canada and McNeil Consumer Products Company have jointly launched this competition in order to recognize those who, through public lectures, the media, innovative programs and courses, significantly improve the perception and understanding of science, as well as increasing the interest of students and the Canadian public in this field.

McNeil Consumer Products Company recognizes the importance of science in the life of all Canadians and supports the initiative of The Royal Society of Canada to promote public awareness of science. The company, located in Guelph, Ontario, manufactures a wide range of nonprescription pharmaceuticals, using the latest findings in science and technology. The support of McNeil Consumer Products Company is a clear sign that the Society's program is bringing positive results. Science is not for scientists only. It is present everywhere in everyone's life. That is the message behind this prestigious award created by The Royal Society of Canada.

Nominations must be received not later than April 15 of each year. A brochure describing nomination procedures and a poster are available from:

The McNeil Medal for the Public Awareness of Science
The Royal Society of Canada
P.O. Box 9734,
Ottawa, Ontario, K1G 5J4
Tel: 613-991-6990 Fax: 613-991-6996

Information: Thérèse Gauthier, Communications Officer
Telephone: (613) 991-6993

ANNOUNCEMENT

Stazione Zoologica

'Anton Dohrn'



STAZIONE ZOOLOGICA 'ANTON DOHRN' DI NAPOLI

8th Course of the International School
of the History of Biological Sciences

Villa Comunale I - 80121 Napoli

FROM IMMUNITY TO CELLULAR AND MOLECULAR IMMUNOLOGY

History of Immunological Thought and of Discoveries in Immunology

Ischia (Naples), Italy. 16-22 June 1992

Director of the 8th Course: G.J.V. Nossal (Melbourne, Australia)

Director of the School: M.D. Grmek (Paris, France)

Organizing Committee: L.Cariello, B.A.Fantini, J.A.Gilder, G.Rossi, G.Salvatore

Faculty: B.Benacerraf (Boston), G.F.Bottazzo (London), L.Brent (London), G.R. Burgio (Pavia), G.Corbellini (Rome), J.Dausset (Paris), M.M.Davis (Stanford), B.A.Fantini (Rome), J.Gowans (Strasbourg), L. Hood (Pasedena) H.Judson (Baltimore), I.R.Mackay (Clayton), M.G.Masucci (Stockholm), P.M.H. Mazumdar (Toronto), J.F.A.P.Miller (Melbourne), C.Milstein (Cambridge), A. Mitchison (Berlin), A.M. Moulin (Paris), J.E.Murray (Boston), N.R. Rose (Baltimore), A.M.Silverstein (Baltimore), T.Söderqvist (Stanford), D.W.Talmage (Denver), A.I.Tauber (Boston), S.Tonegawa (Cambridge), O.Westphal (Montreux), D.C.Wiley (Cambridge), R. Zinkernagel (Zurich)

The course, which is limited to 50 participants, is addressed to: Scholars interested in the various aspects of the history and philosophy of immunology. The novelty of the course is that scientists meet with professional historians to analyse and discuss the events that have marked turning points in their field of interest. The emphasis will be placed on encouraging discussion and the exchange of ideas across disciplinary boundaries.

Applications should be sent by **30 April 1992** to: History of Science Unit, Stazione Zoologica di Napoli, Villa Comunale, I-80121 Napoli, Italy. Tel. +39 (0)81 583 3215. Fax. +39 (0)81 764 1355. Late applications will be considered. Please include a brief C.V. and a statement specifying your scientific and academic experience and interest in the topic of the course. A registration fee of Italian Lira 1,250,000 (approx. US\$1000) will be required to cover registration and board and lodging in Ischia.

ANNOUNCEMENT

CLINICAL IMMUNOLOGY SOCIETY

Fostering Multidisciplinary Approaches to Clinical Immunology

- Name of Meeting:** 7th Annual Conference on Clinical Immunology (ACCI) and CIS Specialized Meetings
- Date:** November 13-15, 1992
- Place:** Wyndham Franklin Plaza Hotel
Philadelphia, Pennsylvania
- For information:** CIS Registration Manager
6900 Grove Road
Thorofare, NJ 08086-9447
609-848-1000, ext. 208

THE 1993 BERNHARD CINADER LECTURESHIP
CALL FOR NOMINATIONS

The Bernard Cinader Lectureship of the CSI was established in 1986 to honor an immunologist who has distinguished himself or herself by his/her scientific contribution. The Lecture is the opening event of the CSI spring meeting and has become part of the Society's traditions.

Now is the time to ask for submissions of nominations for the 1993 Lecturer. In addition to being scientifically outstanding, candidates should also be good speakers.

If you wish to nominate someone, please send me before October 1, 1992 your nominee's c.v. and a statement outlining the reasons why you feel he or she should be selected.

Dr. Arnold Froese
Department of Immunology
University of Manitoba
Winnipeg, Manitoba R3E 0W3

CONFERENCE BERNHARD CINADER 1993
APPEL DE CANDIDATURES

Les Conférences Bernhard Cinader de la SCI ont été fondées en 1986 pour honorer un/une immunologiste qui s'est distingué[e] par ses contributions scientifiques. La conférence et la remise du diplôme constituent la cérémonie d'ouverture du congrès annuel et font maintenant partie de la tradition de la Société.

Le moment de la soumission de candidatures pour la conférence de 1993 est arrivé. Les candidat[e]s, devront être, non seulement des chercheurs excellents, mais devraient aussi être de bon[ne]s communicateurs/communicatrices.

Si vous désirez soumettre une candidature, veuillez m'envoyer avant le 1 octobre 1992, le c.v. ainsi qu'une note résumant les raisons pour lesquelles vous croyez que votre candidat[e] devrait être choisi[e].

Dr. Arnold Froese
Department of Immunology
University of Manitoba
Winnipeg, Manitoba R3E 0W3

Name: _____

Address: _____

Phone No. _____
 Fax No. _____

Please provide the correct information for
 listing in the CSI Members Directory

MEMBERS
 INVOICE 1991

FACTURE DE
 MEMBRES

Full Member		
MEMBERSHIP DUES	\$24.95	COTISATIONS DES MEMBRES
CFBS LEVY *	\$40.00	** CONTRIBUTION A LA FCBS
IUIS LEVY	\$ 3.60	CONTRIBUTION A UIAI
GST	\$ 4.80	GST
TOTAL DUES	\$73.35	COTISATION TOTALE

Student		
MEMBERSHIP DUES	\$ 5.09	COTISATIONS DES MEMBRES
CFBS LEVY *	\$15.00	** CONTRIBUTION A LA FCBS
IUIS LEVY	\$ 3.60	CONTRIBUTION A UIAI
GST	\$ 1.66	GST
TOTAL DUES	\$25.35	COTISATION TOTALE

* If you have paid the CFBS levy through another society, name that society here
 _____ and deduct \$40.00 from your total.

** Si vous avez contribue a la FCBS a travers une autre societe, nommer ici
 _____ et deduisez \$40.00 de votre totale.

Please make remittance in CANADIAN FUNDS payable to the Canadian Society for Immunology. **PLEASE RETURN THIS INVOICE WITH PAYMENT.**

Priere de faire un paiement en DIVISES CANADIENNES, a la Societe Canadienne d'Immunologie. **S.V.P. ADDRESSER LE PAIEMENT AVEC CETTE FACTURE.**

TO/A: CSI - SCd'I:
 C/O J. A. WILKINS, PH.D., DEPARTMENT OF MEDICINE
 UNIVERSITY OF MANITOBA
 RR 014, 800 SHERBROOK STREET
 WINNIPEG, MANITOBA R3A 1M4

PLEASE PAY PROMPTLY

S.V.P. PAYEZ IMMEDIATEMENT