



## **BULLETIN**

**CANADIAN SOCIETY FOR IMMUNOLOGY**

**SOCIÉTÉ CANADIENNE D'IMMUNOLOGIE**

**JANUARY 1993**

**V. 23, No. 3**

**0068-9653**

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

Please Post or Circulate This Notice Within Your Department

Call for Reinstatement of "LOST" Members

As a number of you will have noted, the names of many long standing "members" no longer appear on the CSI mailing list. This was necessitated by the fact that our list of members was 2-3 times larger than that of our paid members. This meant that approximately 1/3 of the membership was financing the activities of the entire Society! Therefore a reminder to members with outstanding dues was published in the CSI Bulletin last year. It was decided that those members who remained in arrears after this second notice would be removed from the mailing list. Since that time a number of people have inquired as to why they no longer receive CSI bulletins or notification of the CSI meeting. I think that this clearly points out that both of these CSI activities are appreciated and valued by members of the Canadian immunological community.

We all benefit from a large membership and I would like to invite previous members, who for what ever reason, have been deleted from the list to take this opportunity to be reinstated as members of the CSI. I have enclosed a copy of the 1992 invoice. Please fill this out and forward it with payment to the indicated address.

John A. Wilkins  
Secretary Treasurer

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:

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INVOICE 1992

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INVOICE 1992

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

Prière de faire un paiement en DIVISES CANADIENNES, à la Société 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



PROFILE:                      IMMUNOLOGY AT THE UNIVERSITY OF GUELPH

Immunology at the University of Guelph encompasses both applied and basic research of the human and veterinary immune systems. Immunologically related research activities are carried out by twenty-one independent investigators offering graduate studies at both M.Sc. and Ph.D. levels, as well as postdoctoral training in six independent Departments.

There are extensive integrated research programs in this University. Faculties in the Department of Chemistry & Biochemistry also belong to the unique Guelph-Waterloo Center for Graduate Work. The Department of Microbiology is the designated MRC Center of Excellence in Microbiology. Extensive clinical trials and basic research in veterinary medicine are carried out in the Department of Veterinary Microbiology & Immunology. Applied research in Immunology is carried out at this University with support from various funding agencies (MRC, NSERC, NCI, etc.), industries, and especially the Ontario Ministry of Agriculture and Food. Guelph is ideally located for collaborative studies with other research communities such as those in Hamilton, London, Toronto and Waterloo.

Baker M.D. (Ph.D. Waterloo) Departments of Vet. Microbiology & Immunology, and Molecular Genetics, "Immunoglobulin gene structure and function. Molecular mechanisms of mammalian homologous genetic recombination".

Chan B.M.C. (Ph.D. Manitoba) Departments of Chemistry & Biochemistry, and Vet. Microbiology & Immunology, "Structure-function of integrin adhesion molecules and their roles in tumor metastasis and immune regulation".

Croy A. (D.V.M. Guelph) Department of Biomedical Sciences, "Reproductive immunology particularly the functions of uterine natural killer cells during pregnancy in mice and pigs. Establishment of models for studies of immune modulation using Scid/Bg mice".

Derbyshire J.B. (Ph.D. London) Department of Vet. Microbiology & Immunology, "Viral immunology of enteric virus infections of swine and porcine, interferons and recombinant vaccines".

Gyles C.L. (D.V.M. Toronto, Ph.D. Guelph) Department of Vet. Microbiology & Immunology, "Bacteriology and pathogenesis of E. coli infections, E. coli enterotoxins and verocytotoxins".

Joseph D. (Ph.D. British Columbia) Department of Chemistry & Biochemistry, "Mechanisms of Escherichia coli infections".

Kaushik A. (D.Sc. Inst. Pasteur) Department of Vet. Microbiology & Immunology, "Genetic aspects of specific receptor variable gene use and implications for host resistance".

Lam J. (Ph.D. Calgary) Department of Microbiology, "Molecular biology of lipopolysaccharides. Synthetic vaccines".

Mallard B.A. (Guelph) Department of Vet. Microbiology & Immunology, "Immunogenetics aspects of antibody, cellular, and innate resistance with emphasis on breeding commercial livestock for inherent disease resistance".

MacInnis J.I. (Ph.D. Western Ontario) Department of Vet. Microbiology & Immunology, "Molecular analysis of virulence determinants of bacteria and viruses, development of diagnostic probes".

Mellors A. (Ph.D. Liverpool) Department of Chemistry & Biochemistry, "Cleavage of cell-surface O-sialoglycoproteins by a novel glycoprotease. Biochemistry of lipid metabolism in African Trypanosomes".

Mutharia L.M. (Ph.D. British Columbia) Department of Microbiology, "Production of monoclonal antibodies for mapping of protein molecules".

Nagy E. (D.V.M. Budapest) Department of Vet. Microbiology & Immunology, "Molecular virology, recombinant vaccines and viral epidemiology".

Prescott J.F. (Ph.D. Cambridge) Department of Vet. Microbiology & Immunology, "Bacteriology, veterinary clinical bacteriology, antimicrobial drug use, leptospirosis".

Rosenal S. (D.V.M., Ph.D. Copenhagen) Department of Vet. Microbiology & Immunology, "Bacteriology, pathogenicity of members of the Haemophilus, Actinobacillus and Pasteurella group of organisms. Pathogenicity of mycoplasmas".

Sharom F.J. (Ph.D. Western Ontario) Department of Chemistry & Biochemistry, "Immunosuppressive effects of tumor-derived gangliosides and sialoglycoproteins".

Shewen P.E. (Ph.D. Guelph) Department of Vet. Microbiology & Immunology, "Ruminant immunology, respiratory immunology and immunity to infectious diseases".

Stevenson R.M. (Ph.D. Manitoba) Department of Microbiology, "Immune responses of salmonid fish to microbial pathogens. Fish immunoglobulin specificity and functions. Vaccine development and evaluation for aquaculture".

Thorsen J. (D.V.M. Guelph, Ph.D. Toronto) Department of Vet. Microbiology & Immunology, "Etiology, pathogenesis and control of viral diseases of animals and birds".

Wilkie B. (D.V.M. Guelph, Ph.D. Toronto) Department of Vet. Microbiology & Immunology, "Immunological aspects of host-parasite interaction, including genetic control of resistance mechanisms".

Woodward W.D. (Ph.D. Sheffield, England) Department of Nutritional Sciences, "Cellular basis of depression in acquired immunity in wasting protein-energy malnutrition".



# **SOCIÉTÉ CANADIENNE D'IMMUNOLOGIE RÉUNION DU PRINTEMPS '93**



## **Canadian Society For Immunology Spring Meeting**



**les 19 - 23 mars, 1993 / March 19 - 23, 1993  
CHÂTEAU LAKE LOUISE - LAKE LOUISE, ALBERTA**

Les matinées sont réservées pour les conférences et les soirées pour les séances d'affichage. Les après-midi sont libres pour favoriser les échanges informels et les ateliers-discussion, excepté le lundi où après midi il y aera un symposium.

Except for Monday, where a symposium is held in the afternoon, the meeting is organized into morning symposia, afternoons left for informal discussions and workshops, and evening poster sessions.

### **Atelier/Workshops**

*Stromal cells in early development* - Chris Paige, University of Toronto  
*Antigen-receptor expression in lymphocyte development* - Mike Ratcliffe, McGill University  
*Disorders of the immune response* - Kathy Siminovitch, University of Toronto  
*Immunoparasitology* - Mike Belosevic & Mary Stevenson, University of Alberta & McGill University  
*Antigen processing and presentation* - Kevin Kane, University of Alberta  
*Signal transduction* - Hanne Ostergaard, University of Alberta  
*Lymphocyte homing* - Graeme Dougherty, Terry Fox Lab, University of British Columbia  
*Regulation/Physiological function of lymphocytes and T cell subsets* - Calliope Havele, Univ. of Saskatchewan



Pour obtenir formulaires  
d'inscription et de résumé:  
For registration and  
abstract forms, contact:

Debbie Neufeld  
Conference Coordinator, CSI '93  
Canadian Red Cross BTS, 8249 - 114 Street  
Edmonton, Alberta, T6G 2R8  
FAX: (403) 431 - 0461



University of Alberta

### **Programme/Program**

#### ***Plenary Session on Selectin Ligand Interaction***

Richard Smith (Chairperson), Alberta Research Council; Lawrence Lasky, Genentech; Brian Brandley, Glycomed.

#### ***Apoptosis and Cytotoxicity***

Arnold Greenberg (Chairperson), University of Manitoba; David Ucker, Medical Biology Institute, La Jolla, CA; Doug Green, La Jolla Institute of Allergy and Immunology; Shigekazu Nagata, Osaka Bioscience Institute, Japan; Jean Claude Ameisen, Institut Pasteur, Lille, France.

#### ***T Lymphocyte Development***

Cindy Guidos (Chairperson), University of Toronto; Wendy Havran, Scripps Research Institute, La Jolla, CA; Roger Perlmutter, University of Washington, Seattle; Philippe Poussier, McGill University; Ellen Robey, University of California-Berkeley; Tak Mak, Ontario Cancer Institute, Toronto.

#### ***Functions of Cell Adhesion Molecules on Lymphocytes***

John Wilkins (Chairperson), University of Manitoba; Mike Gallatin, ICOS Corp., Seattle; Susan Watson, Genentech, San Francisco; Yoji Shimizu, University of Michigan; Bosco Chan, University of Guelph; Graeme Dougherty, Terry Fox Lab, British Columbia Cancer Agency.

#### ***Immunoregulation by Cytokines: Hypersensitivity & Host-Parasite Responses***

Kent HayGlass (Chairperson), University of Manitoba; Tim Mosmann, University of Alberta; Sergio Romagnani, University of Florence; Fred Finkelman, Uniformed Services University of Health Sciences, F. Edward Hébert School of Medicine, Bethesda, MD; Alan Sher, National Institute of Allergy & Infectious Diseases, NIH, Bethesda, MD.

## ANNOUNCEMENTS

*The following will be offered this Spring by The Ernest Witebsky Center for Immunology, University at Buffalo, State University of New York:*

### RECOMBINANT DNA TECHNOLOGY: METHODS AND APPLICATIONS

Hands-on laboratory course

Monday, April 19, through Sunday, April 25, 1993

This seven-day course, presented in conjunction with Exon-Intron, Inc., provides both fundamental and advanced training in recombinant DNA technology. It is designed to provide and expand laboratory skills in molecular cloning techniques for individuals with a background in biological sciences but who have little or no knowledge of recombinant DNA techniques. Course registration fee of \$1,200.00 covers course materials, beverage breaks, and seven (7) days' luncheons. Registration will be limited to 24 persons.

### METHODS OF IMMUNOLOGIC RESEARCH AND DIAGNOSIS

An at-the-bench laboratory training program

Monday, May 10, through Thursday, May 20, 1993

This ten-day program consists of daily practical laboratory exercises personally carried out by participants, accompanied by lectures, demonstrations and discussions. Exercises range from the basic techniques of antiserum preparation to advanced techniques of immunoassay. Open to individuals at the postdoctoral level, supervisory senior technologists and graduate students. Course registration of \$700.00 includes course materials and beverage breaks. Registration will be limited to 36 individuals.

### LATEX PARTICLE IMMUNOASSAYS

Hands-on laboratory course

Friday and Saturday, May 21-22, 1993

This course is designed to provide an overview of preparation, formulation, properties and applications of latex particles in medical laboratory diagnosis. Geared toward laboratory researchers and technicians, and in-vitro diagnostic manufacturers. Course registration fee of \$295.00 covers course materials, beverage breaks, and lunch on both days. Registration will be limited to 24 persons.

*For further information on any of the above courses, contact Roger K. Cunningham, Ph.D., Director, The Ernest Witebsky Center for Immunology, 276 Sherman Hall, University at Buffalo, 3435 Main Street, Buffalo, New York 14214. Phone: 716/829-2901 Fax: 716/829-2158. Because class size is limited in all courses, we recommend registrations be submitted at least one month prior to respective starting dates for best possibility of acceptance.*

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### BioNet.Immunology is Up and Running

The BioNet.Immunology bulletin board began in July 1992 as a forum for discussion, information exchange, etc., between immunologists. At Queen's University the system can be accessed by typing "NetNews" while in the mainframe VM system and then going through the menu of boards. However, anyone with a PC and a modem can "subscribe". (The latter word does not imply that you have to pay anything. It is quite free.) For further information contact Don Forsdyke, Department of Biochemistry, Queen's University, Kingston K7L3N6 (forsdyke@QUCDN.queensu.ca).

