

**BULLETIN**

**CANADIAN SOCIETY FOR IMMUNOLOGY**  
**SOCIÉTÉ CANADIENNE D'IMMUNOLOGIE**

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## Editor's message de l'éditeur

### CSI Spring Meeting / Réunion du printemps

Joined with this Bulletin, you will find the informations and the registration form for the CSI spring meeting. This Bulletin has been delayed to allow a combine shipping.

Avec ce Bulletin, vous trouverez toutes les informations pour la réunion du printemps, l'envoi du présent Bulletin ayant été retardé à cette fin.

### Regional correspondents

I am very please to inform you that D. Hoskin of Dalhousie University and P.B. Ernst of McMaster University have accepted to replace B. Pope and J. Bienenstock.

### Next issue / Prochain numéro

The next issue of the Bulletin will be in March or April '90. It will contain a report on the CSI meeting. The information you want to be published in this issue should be send by the end of February.

Le prochain numéro du Bulletin sera publié en mars ou avril 1990. Il contiendra un bilan de la réunion. Toutes les informations à être publiées dans ce numéro devront m'être envoyé pour le début février.

UNIVERSITY OF VICTORIA

DEPARTMENT OF BIOCHEMISTRY AND MICROBIOLOGY

Can carbohydrates (CHO) stimulate T-lymphocytes? This question must be answered if we are to fully comprehend the complexities of the immune system. Now, from the wonderful world of parasites, comes a possible answer. The protozoans known as *Leishmania major* and *Leishmania donovani* infect and replicate in macrophages and cause cutaneous and visceral disease, respectively. Current evidence indicates that both cure and exacerbation of the diseases are manifestations of T-cell activity. One of the preponderant surface molecules of the parasites is the carbohydrate rich lipophosphoglycan (LPG), a molecule which has been shown to be important in the macrophage-parasite interaction and in immunity, at least in inbred mice. The complete structure of LPG from *L. donovani* been determined by Sam Turco (University of Kentucky) and his collaborators, thus allowing a biochemically defined approach to the CHO/T-cell question. A collaborative venture between the labs of Sam Turco, Bob Olafson and Terry Pearson (both at UVIC) spearheaded by crafty and energetic grad students Armando Jardim and Doug Tolson has stimulated a feverish activity aimed at resolving this fundamental problem. Recent experiments in our labs have shown that CHO epitopes from *L. donovani* LPG are expressed on the surface of infected macrophages and that LPG itself can stimulate T-cell proliferation. How exciting! Now the difficult job of proving that CHO itself is responsible (ie. not peptide contaminants) will test our biochemical competence. This is an important problem from the realms of both applied and basic research and is another of the many examples of how studies of host-parasite interactions can lead us on unplanned safaris.

The department has also been involved in several recent meetings. The first annual meeting of the Northwest Molecular Parasitologists was held at Point-No-Point (north of Sooke, B.C. on the west coast of Vancouver Island) from Sept. 28-30. About 30 people from labs in Seattle, Vancouver and Victoria attended.

The annual meeting of the Canadian Society of Microbiologists (Western branch) has been organized by Dr. Bill Kay and Dr. Rozanne Poulson. It will be held at the newly refurbished (\$42 million) Empress Hotel from Nov. 3-5. The theme is "molecular pathogenesis". For information contact Dr. Poulson at (604) 721-7070.

Finally, our last bit of immunological news comes from the laboratory of Dr. Francis Nano our resident *Franciscella tularensis* expert. Both Fran and Dr. Larry Anthony have been allergy free since their arrival in Victoria 18 months ago. Clearly this bodes well for attracting more high-calibre researchers to the island, regardless of how biohazardous they are perceived to be.

Terry W. Pearson  
Regional Correspondent



## **Post Doctoral Fellows/ Research Associates in Neuroimmunology**

Applications are invited for two appointments within the Neuroimmunology Group of the Manitoba Institute of Cell Biology for a Ph.D. Immunologist and a Ph.D. Neurobiologist. Research interests are the neural pathways and neurochemical mediators of central nervous system control of macrophage/T cell function, and the CNS effects of immunodeficiency-inducing retroviruses. Applicants should send a full C.V., the names, addresses and phone numbers of two references to:

Dr. Arnold Greenberg, Director  
Manitoba Institute of Cell Biology  
100 Olivia Street, Winnipeg, Manitoba  
Canada R3E 0V9

Closing date is one month after the appearance of this advertisement. Salary range is \$21,500- \$26,000.

Both men and women are encouraged to apply. In accordance with Canadian Immigration requirements, priority will be given to Canadian citizens and permanent residents.

### **Manitoba Institute of Cell Biology**

## **IMMUNOLOGY RESEARCH ASSOCIATES**

The Molecular Immunology Section of the NRC Biotechnology Research Institute has two research associate positions available for recent doctoral graduates to work in the areas of: T-lymphocyte development; and NK/LAK cell maturation and migration.

The positions are for an initial period of two years with possibility of renewal. Initial salary up to \$36,233.00 will be commensurate with education and experience.

Please reply in writing, including a c.v., brief description of research interests and names of three referees, to: Dr. L. Martin, Head, Immunology Section, Biotechnology Research Institute, NRCC, 6100 Royalmount Avenue, Montréal (Québec) Canada, H4P 2R2

## **ATTACHÉ DE RECHERCHES EN IMMUNOLOGIE**

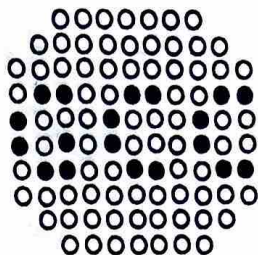
La Section d'Immunologie Moléculaire de l'Institut de Recherches en Biotechnologie est à la recherche de candidats(es) compétents(es) récemment diplômés(es) au niveau du doctorat pour combler deux (2) postes d'Attachés de recherches. Le(la) candidat(e) aura à travailler dans les domaines de recherches suivants: Développement du T-lymphocyte; maturation et migration de cellules NK/LAK.

Ces postes sont pour une période initiale de deux (2) ans avec une possibilité de renouvellement. Le traitement initial jusqu'à \$36,233 sera considérée selon l'éducation et l'expérience.

Veuillez faire parvenir, par écrit, votre curriculum vitae, une brève description de vos intérêts en matière de recherche et les noms de trois personnes pouvant fournir des références, au: Dr. L. Martin, Chef, Section Immunologie Moléculaire, Institut de Recherche en Biotechnologie, CNRC, 6100 Avenue Royalmount, Montréal (Québec) Canada, H4P 2R2

Dr. Beati A. Imhof  
Dr. Sonia Berrih-Aknin  
Dr. Sophie Ezine

Conference Secretariat:  
10th GCC  
INSERM U25  
161, rue de Sèvres  
75730 Paris Cédex 15



10<sup>th</sup>

**International Conference  
on Lymphatic Tissues  
and Germinal Centres  
in Immune Reactions**

*July 1-5 1990 COMPIEGNE, FRANCE*

July 19 th, 1989

Canadian Society for Immunology  
Dr. E.F. Potworowski  
Institut Aarmand Frapper  
CP 100  
Laval, Québec, H7N 473  
Canada

Dear Sir,

We are pleased to inform you about the 10th International Conference on lymphatic tissues and germinal centres in immune reaction.

This meeting will be dedicated to functional and molecular aspects of the lymphoid system in relation to in vivo immune responses. It will be held in Compiègne (France) in July 1990.

We would be very pleased if you could announce this meeting to your subscribers in the next issue of your information news.

We enclosed some folders (programms and posters) If you need more information please contact :

Conference Secretariat  
10th GCC  
INSERM U25  
161 rue de Sèvres  
75743 Paris Cédex 15 (France)

Thank you for your cooperation.

Sincerely yours.

Sonia BERRIH-AKNIN



# EUROPEAN FEDERATION OF IMMUNOLOGICAL SOCIETIES

## MEETING

Edinburgh Sept 10th - 12th 1990

Organised by the British Society for Immunology



### EUROPEAN IMMUNOLOGY MEETING 1990

The 10th Meeting of the European Federation of Immunological Societies will be held in Edinburgh from 10th-12th September 1990.

The basic format of the meeting will be morning plenary sessions followed in the afternoon by a mixture of symposia, open papers, posters and workshop type presentations on a wide variety of immunological topics.

The themes to be covered in the plenary sessions are as follows:-

1. Antigen recognition by T cells
2. Immunoglobulins and B cell biology
3. Lymphocyte activation for effector function
4. Molecular recognition in lymphoid-endothelial cell interactions
5. Biological and molecular basis of autoimmunity
6. Regulation in the immune system

The speakers who have already agreed to speak include A. Ager, J. Borst, D. Cantrell, I. Cohen, A. Coutinho, R. Dutton, P. Golstein, J. Gordon, C. Henney, A. Lanzavecchia, P. Matzinger, F. Melchers, A. Mitchison, H. Von Boehmer, H. Waldmann and G. Winter.

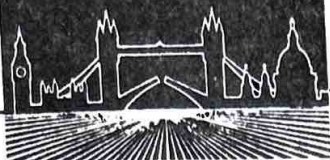
For further details please contact the

EFIS Meeting Secretary,  
c/o Department of Surgery,  
University Medical School,  
Teviot Place,  
EDINBURGH, EH8 9AG.  
Scotland.

Tel. (031) 667-6112  
FAX (031) 667-6190



**Clinical Dermatology  
in the year**



22-25 MAY 1990

LONDON

*President Dr. Arthur Rook, Cambridge*

*Chairman Professor Malcolm Greaves, London*

*Deputy Chairman Dr. Martin Black, London*

*Scientific Committee Chairman Professor Malcolm Greaves, London*

*Organising Committee Chairman Dr. John Hawk, London*

*Congress Secretariat, CCT Presentations Limited, 50-52 Union Street, London SE1 1PB England Telephone: +44 1 407 9731*

**NEWS RELEASE**

Release date: 22 August 1989

**CLINICAL DERMATOLOGY IN THE YEAR 2000 -  
TAKING DERMATOLOGY INTO THE 21ST CENTURY**

"This symposium looks like being the most important international event in your diary for some years hence....." Professor Malcolm Greaves, Institute of Dermatology, St Thomas's Hospital, London, announcing Clinical Dermatology in the Year 2000, a major international three-day symposium taking place in London from 22 to 25 May 1990.

The last decade of this century is going to see major steps forward in the diagnosis and management of skin diseases. The objective of this innovative symposium is therefore to inform practicing dermatologists as to how the major new advances in the understanding of the pathophysiology, diagnosis and management of skin diseases are likely to affect their clinical practices in the year 2000. All practicing dermatologists and allied professionals involved in the diagnosis and management of skin diseases are invited to attend.

Since this novel idea was first discussed in 1987 there has been extraordinary worldwide interest in the symposium. Of the 63 internationally recognised experts invited to speak, all but two accepted instantly!

Under the auspices of the Institute of Dermatology, St John's Hospital for Diseases of the Skin, London, the Scientific Committee has assembled a faculty of international experts both young enough to be actively involved in their respective fields and mature enough to give an authoritative account of prospects for major advances within their fields of expertise.

The Committee has placed great emphasis on the Scientific Programme in order that it may be as varied, innovative and forward thinking as possible. The symposium programme will cover all aspects of dermatology relevant to the practicing clinician. Topics of general interest include psoriasis, eczema, acne and related disorders, auto-immune and connective tissue diseases; topics of more specific interest including: bullous diseases, drug delivery systems, photosensitivity, dermatological surgery and many more.

All registrants are invited to submit abstracts on clinical or research topics, to be presented in poster form. The six best abstracts submitted by residents or other investigators under the age of 35 will receive the YOUNG INVESTIGATORS' AWARDS. The six winners of the Young Investigators' Awards will have their registration fees and travelling expenses paid for by the Organising Committee and will be invited to present their work orally at a special early evening session during the symposium. The Scientific Committee will review the abstracts of all papers submitted as free communications for poster sessions.

The American Academy of Dermatology has recognised Clinical Dermatology in the Year 2000 as eligible for 24 hours of AAD Category 1 CME credit. The symposium proceedings will be conducted in English.

-ends-

Contact Address:  
Professor Malcolm Greaves, Institute of Dermatology, St Thomas's Hospital, Lambeth Palace Road, London SE1 7EH, UNITED KINGDOM.

For further information please contact: Dr Adam Taor, Medical and Media Communications, 75-79 York Road, London, SE1 7NP, UK.  
Telephone: London 928 2085

(400 words)



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