## BULLETIN

CANADIAN SOCIETY FOR IMMUNOLOGY
SOCIETE CANADIENNE D'IMMUNOLOGIE

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### EDITOR'S MESSAGE

## CSI Meeting/Congrès SCI

The next meeting of the CSI will take place at Mont-Gabriel. This issue of the Bulletin contain a number of information related to this congress (Cinader Fecture, Note to graduated students, cost).

Le prochain congrès de la CSI aura lieu au Mont-Grabriel. Dans ce numéro du Bulletin vous trouverez des informations sur ce congrès (Conférence Cinader, Note aux étudiants des 2e et 3e cycle, coûts).

### Regional correspondants / Correspondant régional

Dr. Barbara L. Pope will be the regional correspondant for the Maritimes. All subjects of interest in the Maritimes should be send to her.

Le Dr Barbara L. Pope a accepté d'être la correspondante pour les Maritimes. Le matériel à publier dans le Bulletin devra donc lui être envoyé.

### Acknowledgement / Remerciements

I would like to express appreciation of the membership to the past president of our society, Dr. J. Bienenstock. By his leadership he has stimulated the participatin of more members to the Society affairs. During his term, the Society was the host of the 6th International Congress of Immunology. The success of this congress, in addition of being a good source for the treasury of the Society, is a subject of pride for Canadian Immunologist. Thank you John.

Je voudrais exprimer les remerciements des membres de la SCI à notre ancien président le Dr J. Bienenstock. Grâce à sa personnalité, il a stimulé la participation de plus de membres aux affaires de la société. Pendant son mandat, la société a été l'hôte du 6e congrès international d'immunologie. La réussite de ce congrès, en plus d'être une raison de fierté pour tous les immunologistes canadiens, a permis d'assurer un meilleur avenir pour la Société sur le plan financier. Merci, John.

### Next Issue / Prochain numéro

Next Issue of the Bulletin should be in September. It should contain more details on the CSI spring meeting and the registration form. All the informations received in time will be translated in French.

Le prochain numéro du Bulletin sera en septembre. Il contiendra plus d'informations sur le congrès du printemps. Toutes les informations reçues en temps seront traduites en français.



Société Canadienne D'Immunologie

#### MINUTES OF

### THE 7th ANNUAL GENERAL MEETING

OF THE CSI March 8, 1987

President Bienenstock opened the meeting and solicited ammendments or corrections to the minutes of the previous meeting which had been held in July, 1986, in conjunction with the International Congress of Immunology. There being no ammendments or corrections it was moved by Dr. Rola-Pleszyzcynski, seconded by Dr. Potworowski that they be adopted. This resolution was carried without dissent by the general membership.

### NEW BUSINESS

### 7.1

Dr. Ottaway reported on membership changes. It was noted that 16 new members had been admitted to the Society by resolution of the Council. The names of these new members are contained with Appendix A. It was also noted that there had been 6 resignations in the past year and these are also listed in Appendix A. Dr. Ottaway then moved that these membership changes be officially recorded in the Society's rolls. This was seconded by Dr. Rola-Pleszyzcynski and carried by the membership without dissent.

#### 7.2

Dr. Ottaway then reported on the results of the election for officers of the Society held in February, 1987. It was reported that the candidacy of Dr. Potworowski for the office of President and that of Dr. Froese for the office of Vice-President had been strongly endorsed by a majority of the membership. Dr. Ottaway's continuance in the role of Secretary had also been endorsed by the membership.

With respect to the Society's Council, Dr. Ottaway reported that Dr. Befus, Dr. Lapp and Dr. Teh had received a majority affirmative vote by the membership to continue for second term as Counsellors. It was further reported that the members who had received a plurality of votes to be elected to new positions on the Council were Dr. Singhal, Dr. Rola-Pleszyzcynski and Dr. Painter.

Dr. Ottaway then reported that Dr. Michel Fournier who had been a previous member of Council and had taken on the editorship of the Bulletin had agreed to continue in that capacity, and would continue to be attached to the Council so that the work of the Council and the reporting mechanisms of the Bulletin could be maintained effectively.

### 7.3

- Dr. Bienenstock then addressed the issue of the Cinader Lectureship. He reported on the success of the first presentation by Dr. Cinader at the inauguration of the meeting at Lake Louise. He also reported that this had been established by the Society through the generous sponsorship of the Connaught Foundation. He reported to the membership that this was to become an annual event and that the terms of reference for the lectureship were to include:
  - That this should be a mechanism to honour the outstanding contributions to immunology by a scientist who had,
  - 2) Demonstrated high quality work at an important interface of immunal biology in its widest sense.
  - 3) It would be expected that this would usually be a Canadian scientist or a scientist working in a Canadian institution.
  - 4) It was noted however, that the candidate need not be a member of the Society.
  - Dr. Bienenstock then reported on the mechanism that had been elaborated by the Council to identify future candidates. The Council recommended a process whereby:
  - Nominations would be solicited from the members of the Society at large.
  - 2) Nominations should be submitted to the chairman of the nominations committee who is the Past President.
  - 3) Nominations should include a curriculum vitae of the candidate and a statement by the nominators of the achievements and the relevance and the impact of the candidates contribution on immunobiology.
  - 4) Nominations would be brought to the Council and the Council would determine to who the honour would be extended.
  - 5) It was reported that nominations were in fact invited from the membership now, that is at the Annual General Meeting, and will be invited through the next issue of the Bulletin which is to appear in May of 1987.

### 7.4

i) Financial status of the Society - Dr. Ottaway directed the attention of the membership to the financial statements for 1985-86, which had been published in the previous issue of the Bulletin. It was moved by Dr. Ottaway and seconded by Dr. Fournier that these audited statements be accepted as published. This was carried by the membership without dissent. Dr. Ottaway

then reported that because the Society was still within the 1986-87 fiscal year that had been planned at the last meeting, that there would be no formal report on these at this meeting. It was noted that the year end of the Society is May 31 of the given year.

- Dr. Ottaway then noted that the fee structure for the Society was to remain unchanged for the next fiscal year and that the Society would soon be receiving it's share of the proceeds of the International Congress.
  - ii) Dr. Bienenstock then rose to address this issue and he reported the mechanisms that had been elaborated for handling these funds. He said that it was the strong feeling of the Council that the capital should be preserved and that the proceeds of investment be used to foster national and international scientific exchange. It was then moved by Dr. Bienenstock and seconded by Dr. Befus that the Council be empowered to seek professional advice as to how best to invest these monies. This was carried without dissent by the membership.
  - Dr. Bienenstock then described the principles that the Council had elaborated for handling these national and international activities. He stated that it was the feeling of the Council that the proceeds from these investments be used to foster scientific exchange both within the country and to other countries through a variety of mechanisms including travel bursaries, the elaboration of future excellent meetings, and mechanisms that would attract international scientists to Canadian meetings.
  - Dr. Bienenstock then went on to acknowledge the important efforts of Dr. Cinader and many other members of the Society in organizing the very successful International Congress of Immunology from which these proceeds had accrued. These plans were generally endorsed by the membership. In response to a question from the floor about who would be responsible for the dispositions of any monies, it was reported by Dr. Bienenstock that the President and the Council would be empowered to do this. Dr. Potworowski endorsed this and emphasized how important this would be to the future activities of the Society.

Dr. Bienenstock then raised the issue of the Society's auditors. It was noted that the auditors that had been appointed by the Society had not been doing a good job for the Society in the last two years. It was moved by Dr. Bienenstock and seconded by Dr. Sehon that the executive be empowered to seek new auditors for the finances of the Society. This was carried without dissent.

### 7.5

Dr. Bienenstock then asked Dr. Befus to provide a brief report updating the Society on science policy issues. Dr. Bienenstock emphasized the importance of this role for the Society and expressed thanks of the Council and the Society to Dr. Befus, Dr. Pilarski and Dr. Fournier who had participated in a week of science policy issues in February of 1987 in Ottawa.

Dr. Befus then rose and addressed two features. First, he described some of the lobbying activities that had gone on in February, 1987, and described the meetings that they had had with members of the House of Commons and the opportunities that they had had to talk to members of the government and the opposition regarding scientist's views of science policy.

Dr. Befus then emphasized the importance of persisting in this course of action. He expressed the view that the activities should be national and that activities regarding science policy should be more than just complaints. He suggested that members of parliament could, indeed, respond positively to positive input from members of the scientific community with respect to policy issues. He then went on to say that this type of activity should continue to be an annual one and needed extensive support from the membership of the Society.

In response to a question from Dr. Sehon regarding the relationship of science policy issues to the CFBS on the one hand, and Canadians for Health Research on the other, Dr. Befus said that close communication exists between the Society and both of those groups. He felt that these activities were supplementary and complimentary, however, and that the CFBS and the Canadians for Health Research represents slightly different constituencies, but that both needed support. Dr. Sehon then noted that some of the original interests of the Canadians for Health Research had contracted in the recent past and expressed regret for this.

### 7.6

Regarding the present meeting: Dr. Sehon rose from the floor to express his personal thanks and congratulations to the local organizers of the Lake Louise meeting. He spoke in support of their efforts and for the way in which the meeting had been organized. He also expressed the importance for continued CFBS involvement, however, and the particular relevance of the CFBS to science policy issues.

It was then moved by Dr. Sehon and seconded by Dr. Potworowski that the Society have a formal vote of thanks for Dr. Befus and his colleagues in Calgary for their excellent efforts in organizing the Lake Louise meeting. This was heartily endorsed by the membership.

Dr. Bienenstock then reported briefly on the success of the current meeting in terms of numbers of abstracts and attendance and raised the example of the format of the meeting, the content of the meeting and the extensive involvement of Canadian scientists and students in the meeting as a model of success. He expressed the view that the Society should capitalize on the success of this meeting by organizing another scientific meeting to be held early in 1988 along similar lines. It was proposed that this be in the east perhaps in the Laurentians, but the final details would have to be examined by some of the Society members from the Provence of Quebec. Dr. Bienenstock also reported that the next Annual General Meeting would be held in association with the CFBS meetings in June of 1988 which would be held in Laval.

There were some questions from the floor which included the desirability of having an index in the abstract book that could be used for the CSI scientific meetings. It was felt that this was an important issue and that for the current meeting they had just run out of time within which this could have been realistically done. Several issues were discussed about the organization and the content of the meeting by members and it was suggested that for future meetings perhaps we should have more scheduled activities throughout the day and that, perhaps in future, activities could be limited to the weekend. With respect to this last issue, Dr. Bienenstock said that the spill-over of the meeting on to the Monday had made things difficult for some people, but this had been largely because of the requirements of the hotel with respect to other activities going on on the weekends and that to get a preferred rate they had to guarantee some continued occupancy over Sunday night.

### 7.7

President's report: Dr. Bienenstock thanked the Society for their support during his Presidency and hoped that the Society would give Dr. Potworowski the same degree of enthusiastic support that he had been given throughout his tenure. He then turned the meeting over to Dr. Potworowski as the new President.

### 7.8

Dr. Potworowski took the chair and thanked the outgoing Counsellors for their past efforts for the Society and told the membership at large that probably even more would be demanded of them in future as the Society became more active and continued to mount excellent scientific meetings. It was then moved by Dr. Potworowski and seconded by Dr. Sehon that the Society record a formal vote of thanks for Dr. Bienenstock for his efforts during his Presidency. This was warmly applauded by the membership and carried enthusiastically.

There being no other business the meeting was adjourned. The next Annual General Meeting of the Society will be held in June, 1988, in conjunction with the CFBS meetings in Laval, Quebec.

Respectively submitted,

C.A. Ottaway,

Secretary to the CSI

CAO/seg

## Canadian Society for Immunology



### Société Canadianne D'Immunologie

### APPENDIX A

Membership Changes 1986-87

Reported at the

7th ANNUAL GENERAL MEETING

of the CSI

The following individuals were admitted to full membership in the Society:

Dr. M. Belosevic,

Dept. of Immunology

Walter Reed Army Inst. of Research

Walter Reed Army Medical Centre Washington, D.C. 20307 USA

Dr. P. Brousseau,

Bio-Research Laboratories Ltd.

87 Chemin Senneville

Senneville, Ouebec H9X 3R3

Dr. J. Gartner,

Dept. of Pathology University of Manitoba

770 Bannatyne Ave., Room 234 Winnipeg, Manitoba R3E OW3

Dr. D. Green,

Dept. of Immunology

Room 8-63, Medical Sciences Bldq. University of Alberta T6G 2H7

Dr. G. Hoffman,

Dept. of Microbiology

University of British Columbia

Vancouver, B.C. V6T 1W5

Dr. N. Hozumi,

Mount Sinai Hospital Research Inst.

600 University Ave.

Toronto, Ont. M5G 1X5

Dr. M. Julius,

Dept. of Micro. & Immuno.

3775 University Street

Montreal, Quebec 113A 2B4

Dr. R. La Freniere, Dept. of Surgery University of Calgary

Health Science Centre 3330 Hospital Drive N.W.

Calgary, Alberta T2N 4N1

Dr. E. Nisbet-Brown, Deputy Medical Director
The Canadian Red Cross Society
222 St. Patrick St.

Toronto, Ont. M5T 1V4

Dr. M. Perdue, McMaster University, Room 3N5C

Medical Centre

1200 Main Street West

Hamilton, Ontario LAN 3Z5

Dr. M. Weaver, Dept. of Pathology

St. Paul's Hospital 1081 Burrard Street

Vancouver, B.C. V6Z 1Y6

The following individuals were admitted to Student Membership in the Society:

J. Deans, Department of Immunology University of Alberta

Edmonton, Alberta T6G 2H7

N. DenHollander, Dept. of Microbiol. & Infec. Dis.

Universtiy of Calgary Calgary, Alberta T2N 4N1

D. Gosselin, Institut Armand-Frappier

531 Boulevard des Prairies

Laval des Rapides

Ouebec, Canada H7V 1B7

C. Morissette, Institut Armand-Frappier

531 Boulevard des Prairies

Laval des Rapides

Quebec, Canada H7V 1B7

Y. St-Pierre, Institut Armand-Frappier

531 Boulevard des Prairies

Laval des Rapides

Quebec, Canada H7V 1B7

The following individuals have resigned their membership in the Society:

Dr. E. Kay, Toronto

Dr. J. Kennedy, Kingston

Dr. J. Gardner, Scarborough

Dr. W. Chin, Calgary

Dr. J. Crookston, Toronto

Dr. R. Morrell, Lathrup Village

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### LOBBY OF FEDERAL POLITICIANS

I would like to report on the Lobby of Federal Politicians that occurred from February 2 - 12, 1987. The Canadian Society for Immunology had three (3) representatives, Drs. Linda Pilarski, Michel Fournier and Dean Befus who attended this Lobby organized by the National Consortium for Educational and Scientific Societies. The National Consortium consists of a number of societies and associations including the Canadian Federation for Biological Societies and counting membership from the Canadian Federation of Students, numbers in excess of 400,000 individuals in the country. This was the second major Lobby that has been organized on an annual basis early in February.

On February 1st there was a 2-hour pre-Lobby information session where information packages were distributed and senior members of each of the national granting agencies spoke to lobbyists about the current financial climate and upcoming prospects. Overall, I believe that this was viewed as a constructive information session. Information packages were provided to each of the lobbyists for distribution to the members of parliament and senior bureaucrats that were met.

There was approximately 70 lobbyists and in excess of 100 meetings of 30-90 minutes were arranged by the Consortium Office with various members of parliament. For example, meetings were arranged with Frank Oberle, David Crombie, Flora McDonald, Tom Siddon and Ed Broadbent. Two or three lobbyists attended each meeting and efforts were generally made to include at each meeting lobbyists capable of dealing with each of the three major subject areas, namely: funding to the research councils, post-secondary education and the established programs funding (federal assistance to the provinces), and student issues. Each lobbyist was required to fill out a questionnaire to be forwarded to the Canadian Association of University Teachers following their meeting with each member of parliament.

I believe that the Lobby was beneficial and that it is critical we maintain a high profile with Federal and Provincial politicians. Many of them are highly knowledgeable but have constant lobbying from various special interest groups and have difficulties making decisions concerning priorities. They emphasized the critical importance of persistance in our lobbying effort and constructive suggestions rather than merely critical, complaining letters.

Unfortunately there were those M.P's who were surprisingly ignorant of the issues we were presenting. For this group it is critical that all efforts be made to educate them. I would encourage you to meet with your local M.P's and to discuss the issues outlined above and reviewed in recent newsletters of the CFBS. Each city institute contact person of the CSI has a detailed package of the material given to the M.P's. If you are interested in helpful hints on effective lobbying and on the structure of government, distribution of power and decision-making process, you may wish to consult the Handbook of Government Relations prepared by the Canadian Gas Association. Your city/institute CSI contact person will have access to this Handbook.

I hope that at each annual Lobby the CSI will be well represented. If you are interested in participating in a future Lobby please notify me and I will attempt to provide the opportunity for as many as possible to participate. It is essential there be a growing group of experienced scientists across the country who can lobby at both local and federal levels. Only through such a network will our case be effectively presented and received.

Dean Befus Representative of the Canadian Society for Immunology Science Policy Committee, Canadian Federation of Biological Societies



## CORRESPONDENT REPORTS EDMONTON

A mild winter and an early spring have resulted in an extremely productive season in the Department of Immunology in Edmonton. In addition, Dr. Arun Fotedar has now officially joined our staff as an Alberta Heritage Scholar.

Linda Pilarski and her coworkers are continuing their analysis of the basis for immunodeficiency in patients with multiple myeloma. The deficiency in CD4+ T cells previously observed has now been shown to be qualitatively as well as quantitatively abnormal with selective loss of relatively immature Cd4+CD45r+ T cells and consequent enerichment ofr the antigen-experienced CD4+CDw29+ set. CD4+CD45r+ (Lp220, 2H4) cells from normal donors have been shown by the Pilarski lab to differentiate in vitro, giving rise to CD29+ (UCHL-1, 4B4) cells. This suggests that in multiple myeloma, T cell differentiation has been arrested, leaving only the CDw29+ set with no influx of newly differentiated CD45r+ cells. This group has also shown that acquisition of CD45r by T cells is a post-thymic differentiation event. Finally, they have directly demonstrated in myeloma patients an abnormal CD3-CD4-CD8- progenitor cell population in PBL that is unable to differentiate to T3Ti+ T cells in vivo but gives rise to mature T cell clones in vitro.

Continuing their work of immunodeficiency in severe thermal trauma, Doug Green and his colleagues have generated a T cell hybridoma from T cells of 6 day postburn mice which produces a remarkably potent inhibitory lymphokine with biological activity both in vitro and in vivo. This lymphokine is sensitive to proteases and reducing agents byt is sresistant to treatment at 60xC for 1 hour. It does not show characteristics of lymphotoxin, -interferon, or SIRS, nor does it stimulate in assays for IL-1, IL-2, IL-3 or IL-4. It is nonocytotoxi for cells, even under conditions where it inhibits cell proliferation and function. Most strilingly, the lymphokine is capable of mimicking the effects of severe burns in vivo, in that animals injected with small amounts ofo the T cell supernatants are rendered sensitive to induced bacterial sepsis. Antibodies which block the function of the inhibitory lymphokine in vitro also reverse the sensitivity to septsis in vivo. Preliminary studies suggest that such antibodies may have protective effects in burned animals as well.

Bhagi Singh's laboratory has found that the J regions of the T cell receptor are important in the recognition of beef insulin in association with the Class II MHC molecules by a beef insulin specific T cell hybridoma (A20.2.15). Using sequence inforomation available for the Ja and Ja region of the T cell receptor of this hybridoma, we have made synthetic peptides. These peptides were used to generate specific antibodies in rabbits. The antibodies bind and immunoprecipitate the receptor as well as block antigen/MHC mediated IL-2 release from these cells. Further, they have found that processing is required for the activation of this T cell hybridoma, and have identified the fragment of beef insulin which is required for activation. This fragment contains parts of the A and B chains linked via a disulfide bond: (A5-A12)-s-s-(B7-B13).

Ricardo Moro and Marian Laderoute, working in the laboratories of Tom Wegmann and Michael Longenecker, have produced a monoclonal antibody specific for the alphafetoprotein (AFP) receptoer, and are exploring its use as a tumor marker in a wide variety of tumor types. The Mab detects approximately 90% of the tumors studies (60 speeciments) while being negative on normal adult tissues. Neither AFP nor the MAb are speecies specific in binding the AFP receptors, allowing studies of othe effects of the MAb on murine tumor growth. In these studies, inhibition of tumor growth by the antibody ahs been achieved both in vitro and in vivo.

### **Guelph**

### (B. Wilkie)

The Immunology Section within the Ontario Veterinary College (OVC) proceeds in steady state although some bright spots have recently developed on the funding horizon as a result of new Ontario Ministry of Agriculture and Food support for "biotechnology". Our interests in host resistance, diagnostic and immunogenetic aspects of animal health have led to funding of specific projects under this program. A further cause for moderate celebration is a substantial donation from industry to help establish a hybridoma service and research laboratory for use of faculty at the Universities of Waterloo and Guelph. There remains a need to obtain funding for personnel and possible sources are being investigated. The association between Waterloo and Guelph has been considerable in the physical sciences and with the formation of Guelph-Waterloo Biotech (GWB) in 1985 interaction in biological sciences has increased. GWB includes Centres of Animal (Guelph), Microbiological (Waterloo), Plant (Guelph) and Industrial (Waterloo) biotechnology which foster research and education as well as industrial interactions. Recently a proposal to establish a "Centre of Excellence in Agriculatural Biotechnology" has gone forward to the Premier's Council. This incorporates several projects of direct and indirect relevance to immunologists including the hybridoma laboratory as a major infrastructural component.

The Animal Biotechnology Centre of GWG has been instrumental in successful applications for two NSERC Industrial Chairs in embryo technology. The industrial partner is SEMEX Canada. Drs. Keith Betteridge and Alan Wildeman occupy the senior and junior chairs. The general thrust is to enhance all aspects of embryo manipulation (harvesting, sexing, storing, splitting, gene transfection) and this accelerated investigation complements the studies supervised by B. Wilkie addressing genetic aspects of immune response and disease resistance in pigs. This work is further complemented by a third NSERC/SEMEX chair in animal breeding strategy.

Our work with SLA-defined miniature pigs is at last, after four years of careful breeding, immunization, challenge etc, allowing analysis of data. Briefly, significant effects of SLA haplotype have been recognized on several variables including humoral and cell mediated immune response, Ig concentration, Complement CH<sub>50</sub> levels, macrophage function and fecundity. With luck in the funding race this study may now proceed to evaluate commercial pigs with a view to breeding inherently disease resistant livestock; a moderately more feasible goal than lead to gold!

The immunology laboratory within OVC has just acquired a Pharmacia FPLC system which has brought our separation capabilities into the 1980's. A protein-peptide synthesis-sequencing facility is to be established within the College of Biological Sciences as a result of a successful NSERC equipment application by Bruce Sells, Ross Nazar and others. This is another manifestation of an increasingly molecularly oriented research climate here within which immunology is expected to thrive.

## April Report from the Montreal Chapter of CSI

With the numbers of confirmed cases of acquired immunodeficiency syndrom (A105) across Canada surpassing the 1000 mark and the exposure level to human immunodeficiency versus (HIV) in Canada computed to be in the 10,000 to 100,000 range, research in this area is involving many immunologists in the Montreal area. Both basic research on HIV and clinical trials of azidodexythymidine (AZT) therapy are currently underway. Dr. R Beaulieu of Hotel Dieu Hospital (HDH) and Drs. N. Gilmore and M. Wainberg at McGill University (McG) are involved in the AZT toxicity testing program in collaboration with Burroughs Wellcome Inc. Dr. Wainberg currently has an opening for a post-doctoral fellow to work on the molecular aspects of HIV infections in his well established laboratory.

As academic or research immunologists, we should not forget that our industrial colleagues are also involved in basic and clinical immunology. They conduct numerous training seminars and support many courses and conferences each year. Companies like Kallestad and Sandoz have long been supportive members of our society in Montreal. Many other companies exist across Canada which could assist our society financially and materially in our research programs now that Federal matching grant program is in operation. These sources may be particularly important as the current federal government seems unwilling to support basic Canadian research in a realistic way.

At the Montreal General Hospital Research Institute (MGH) Dr. E. Ghadirian is continuing his productive studies into the genetic factors which control the susceptibility or resistance to <a href="Entamoeba histolytica">Entamoeba histolytica</a> in mice. In collaboration with Drs. P. Kongshavn and E. Skamene, this program has focused upon the role of activated macrophages as a major resistance factor. Several other laboratories at McG and MGH share interests in macrophage activation and cytolytic function in various tumor models. Drs. P. Brodt and H. Shibata (McG) are examining the <a href="in vivo">in vivo</a> efficacy of muramyl dipeptide in liposome vehicles on murine malignancies. In a recent report to the American Association for Cancer Research given by Dr. N. Phillips, they report a better than 3 fold reduction in the hepatic metastases of a Lewis lung carcinoma. Liposome association of immunomodulators appears to be a very promising method for targeting their effects to the macrophage.

This is the extent of the information I have to date and, with the help of the Montreal area delegates, I shall have more to report to the next newsletter.

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### A WORD FROM THE PRESIDENT

The year 1986-87 has been one of exceptional activity for the CSI. First and foremost, of course was the 6th International Congress which turned out to be a huge success both scientifically and otherwise.

As a result of this, the CSI found itself in a comfortable financial position and we were able to tackle, head on, one of the Society's major problems, namely the general dissatisfaction with the annual meeting. Under the leadership of John Bienenstock and with enormous quantities of time and effort invested by Dean Befus and the Calgary group, the CSI held its first spring meeting at Lake Louise in March of this year. We must obviously have done something right because the attendance was the highest ever recorded. It is hard to tell whether it was the science or the venue that did the trick, but the mixture seemed to work and it was therefore decided to have a second spring meeting in 1988, this time in the East. Elsewhere in this newsletter you will find details of the planned Mont-Gabriel meeting. My sincere wish is that we will have annual meetings of such caliber and scope that a considerable proportion of the membership will make it a point to attend. Special efforts will be made to keep the cost reasonable, so that our growing student membership is not left out. For this reason a bursary program has been initiated to help some graduate students to attend.

No matter how popular our annual spring meetings, they will inevitably become yet another competitor for our limited travel dollar, and this issue will have to be faced by each of us. At Lake Louise, your executive took the view that "you can't argue with success", and that success is judged by attendance. A number of people have since told me they could not attend two Canadian meetings per year. This brings up the question of our relationship with the CFBS: the issue is complex and your executive feels that it would be inappropriate to recommend changing the status quo at this time. The Society will therefore participate in the CFBS meeting at Laval University in June 1988 and the business meeting of the CSI will be held there.

You no doubt realize that the next few years will be of crucial importance in determining the direction your Society will take in the future. We have come a long way since 1966 and at this point in time, the participation of the membership in the affairs of the CSI is more vital than it ever was. Please get involved and make your views known.

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Ed Potworowski



Société Canadienne D'Immunologie

#### INVITATION FOR MEMBERS

TO NOMINATE

#### CANDIDATES FOR THE

### 2nd ANNUAL CINADER LECTURESHIP

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Under the sponsorship of the Connaught Foundation and the Canadian Society for Immunology, the Society invites nominations from members for candidates for the Cinader Lectureship. This is a mechansim by which to honour the outstanding contributions to immunology by a scientist who has done high quality work at an important interface of immunobiology.

Nominations from members are invited. Nominations should be submitted to the Chairman of the Nominations Committee, that is the Past Presdient, Dr. J. Bienenstock, McMaster University, Dept. of Pathology, Room 2N16, H.S.C., Hamilton, Ontario, L8N 375.

Nominations for the Lectureship should include a curriculum vitae of the candidate and a statement by the nominator(s) of the achievements and the relevance of the candidates work in immunobiology. The next Cinader Lectureship will occur in conjunction with the Society's Scientific Meeting in March, 1988 at Mount Gabriel in the Laurentians.

### **ATTENTION ALL GRADUATE STUDENTS!**

Please note that eligibility for the best student poster award and for the travel bursaries will from now on be a priviledge reserved for student members of the CSI. If you do not yet belong to this elite group, get after your supervisor to sponsor your application.

# '88 CSI SPRING MEETING - March 11-14, 1988 Mark March 11-14, 1988 on your calendars now!

Owing to the overwhelming success of the '87 Spring Meeting at Lake Louise, the Society has agreed to organize an annual spring meeting. On behalf of all those that attended the '87 Spring Meeting, I would like to thank Dean Befus, who with his Organizing Committee, organized a superb meeting.

The 1988 Spring Meeting will be held at Auberge Mont Gabriel at Mont Rolland, Quebec. Auberge Mont Gabriel is located approximately 70 kms north of Montreal in the Southern Laurentians. Auberge Mont Gabriel has 150 rooms and the entire hotel will be reserved for the CSI on the week-end of March 11-14/'88.

The rates for the '88 CSI Meeting will be \$76.00 per day per person, double occupancy and \$108.00 per day single occupancy. These rates include three meals per day. The Auberge has also agreed to provide a reduced post-congress rate for those that wish to remain for a few extra days of skiing. Mont Gabriel will provide half day ski tickets for \$7.00 per day. As with Lake Louise, all hotel reservations will be made directly with the hotel. If necessary, local motels will be used if more than 150 rooms are required.

The scientific organization will be similar to the '87 meeting with the Cinader lecture on Friday evening, a symposium each morning, free afternoons for informal discussions and evening poster sessions. If any of the participants wish to organize a workshop during Saturday or Sunday afternoon, they should feel free to do so. There are some small meeting rooms at the Auberge that would be suitable for workshops. Dr. Julius Gordon at McGill has agreed to co-ordinate the workshops, but he will not serve as an organizer. If you do wish to bring a group of people together into a workshop setting, please correspond with either Julius Gordon or Wayne Lapp, both at McGill.

More information including, hotel reservation forms, registration forms and abstract forms will appear with the September Newsletter.

If you wish any additional information at this time, please call or write to:

Wayne Lapp Dept. of Physiology McGill University 3655 Drummond Street Montreal, Quebec H3G 1Y6

Phone (514) 398-4327

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### RENCONTRE ANNUELLE DE PRINTEMPS DU CSI

### du 11 au 14 mars, 1988

Après le succès retentissant de la rencontre du Printemps '87 au Lac Louise, la Société a décidé d'organiser une rencontre annuelle chaque printemps. Ainsi, au nom de tous ceux qui ont assisté à cette rencontre du Printemps '87, nous voulons remercier Dean Befus et son comité d'organisation pour le travail remarquable accompli.

Le site de la rencontre du Printemps 1988 sera l'Auberge du Mont Gabriel au Mont Rolland, Québec, situé à environ 70 km au nord de Montréal, dans les Laurentides. Cette Auberge a une capacité de 150 chambres et celles-ci seront toutes mises à la disposition de la CSI pour la fin de semaine du 11 au 14 mars, 1988.

Les tarifs seront de \$76.00 par jour par personne pour une chambre à lit double et \$108.00 par jour pour une chambre à lit simple; ces prix comprennent 3 repas par jour. L'Auberge a aussi gracieusement accepté de conserver ses tarifs réduits pour ceux ou celles qui désirent prolonger leur sejour dans les Laurentides et profiter du ski de printemps. Pour ces quelques jours, le Mont Gabriel offrira ses passes de ski de demie-journée à \$7.00 par jour. Comme ce fut le cas au Lac Louise, toutes les réservations doivent etre faites directement a l'Auberge. Si cette rencontre nécessite plus de 150 chambres, l'Auberge fera appel aux motels des environs.

Le programme sera semblable à celui de l'année dernière; ainsi la conférence Cinader aura lieu le vendredi soir. Les matins seront reservés au symposia, laissant les après-midi libre pour des rencontres non-officielles et finalement, les soirées seront consacrées à des sessions de "posters". De cette façon, les personnes désireuses d'organiser un atelier de travail pourront le faire, soit samedi ou dimanche après-midi et pour cette fin, certaines salles de l'Auberge seront mises à leur disposition. Il est toutefois important de noter que l'organisation de ces ateliers doit provenir d'une initiative personnelle, cependant Julius Gordon de l'Univer sité McGill a accepté de servir de coordonateur pour de tels ateliers. Si ce projet vous intéresse, il suffit de communiquer avec Julius Gordon ou Wayne Lapp, tous deux de l'Université McGill.

Des informations supplémentaires au sujet des réservations d'hôtel et des formules d'enregistrement vous seront communiquées dans notre bulletin du mois de septembre.

Pour toutes demandes d'informations supplémentaires n'hésitez pas à contacter un des membres du comité d'organisation soit:

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