

Society for

**Leukocyte
Biology**

Newsletter

October 1992

Members of the Society for Leukocyte Biology:

Over three quarters of the year gone, and I remain as excited and enthusiastic about new and ongoing Society activities as when I took office in January. A look at the contents of this Newsletter will testify to the activity and growth of our Society over the last year. We owe it all to your input and support for our initiatives: good job! I look forward to seeing you at the Annual Meeting in December. Stop and introduce yourself, and let me know just when and how you would like to get involved.

Warmly, Carol Nancy, President

About the Annual Meeting...

CHARLESTON, SOUTH CAROLINA

The Omni Hotel at Charleston Place: an elegant and grand hotel in the 18th century Southern tradition, suited perfectly to highlight the scientifically exciting Program at

The 29th Annual Meeting of the Society for Leukocyte Biology "Leukocyte Biology: From Molecular Mechanisms Into the Clinical Frontier"

Join us December 2-5, 1992, for stimulating science, great food, and congenial interactions. A poster of the Program is inserted in the center of the Newsletter for your convenience: be sure to share this exciting Meeting Program with your colleagues and students by posting it on accessible bulletin boards, and encourage their attendance. The meeting Program is timely, the speakers are exciting, and the setting is superb. See you there!

OUR SPONSORS:

The Society recognizes that the excellence of the Scientific Program at the Annual Meeting is dependent upon the continuing support of a number of loyal Corporate Members and Sponsors. We thank the following for their generous contributions:

Corporate Members:

AB Astra	Hoffmann-La Roche	PharMingen
Boehringer Ingelheim	Interferon Sciences	Ribi Immunochemicals
Burroughs Wellcome	ICI, Plc	Samual Roberts Nobel Fdn
Ceiba-Geigy	Janssen Research Fdn	Sci Corporation Accurate Chem
DuPont Merck	Marion Merrell Dow, Inc	Schering Corporation
EntreMed	Merck Sharp & Dohme	Yamanouchi Pharmaceuticals
Fujisawa Pharmaceuticals	Meridian Instruments	
Glaxo, Inc.	Miles Cutter Biological	

About the Annual Meeting...

Meeting Sponsors:

Abbott Laboratories	Interferon Sciences	Proctor & Gamble Co.
Amgen, Inc.	Janssen Research Fdn	Schering Plough Research Inst
EntreMed	MacroNex	Sandoz Pharmaceuticals Corp.
Genetics Institute	Merck Research Lab.	The Upjohn Company
Hoffmann-La Roche	Miles, Inc.	WRAIR
Immunex Research	MedImmune, Inc.	

Special thanks to the Office of Naval Research for continuing support of student awards and travel grants, and to Scientific Corporation Accurate Chemical Company, sponsor of the Bonazinga Award.

SOCIAL ANNOUNCEMENTS

PRESIDENT'S RECEPTION

Please join with the Officers of the Society in welcoming the participants and speakers to the 29th Annual Meeting of the Society for Leukocyte Biology on the evening of Wednesday, 2 December 1992. The reception will be held just prior to the Keynote Address and official opening of the Meeting, and will feature the best in traditional Southern finger food and libations.

AWARDS COMPETITION SOCIAL

The Society is pleased to sponsor a social for the benefit of students and young faculty (broadly defined to encompass the young-at-heart) immediately following the Awards Competition on Thursday, 3 December. Dubbed the "Adrenaline-Release Social" by those in the know, participants can slake their thirst, recover their composure, and field unofficial questions, while ingesting huge quantities of food and beverage. All persons falling within the categories described above are welcome! Do take advantage of this opportunity to get to know your peers and associates. In this time of reduced resources and diminishing jobs in science, every contact counts!

BANQUET AND AWARDS CEREMONY

This year's Banquet will be held on Friday, 4 December, and will feature wonderful food and many special events: the announcement of winners of the Presidential Award and Young Investigator Award Competitions, introduction of our distinguished Honorary Life Members, Dr. Ralph van Furth and Dr. Ruth Gallily, and passing of the gavel to the next President of the Society, Dr. Alan Kaplan. The recipient of the 1992 Bonazinga Award, our most prestigious award for lifetime accomplishments in the field of leukocyte biology, will also speak. The exciting scientific findings of this year's recipient, Dr. Monte Meltzer, were scheduled for the regular Program before his selection by the Awards Committee, and so he agreed to deliver the Bonazinga Award Address as an after dinner speech. He is noted for his erudite, but concise views of the world: we recall his 1985 Letter From The President, which stated in less than 50 words: If it isn't broken, don't fix it. In addition to the excellent scientific and social atmosphere created by good food and good discourse, the Meetings staff has arranged music and dancing for your pleasure.

About the Annual Meeting...

CLUB ANNOUNCEMENTS

In 1987, Tom Edgington of the Program Committee for our International meeting in Hawaii introduced a new concept to the meeting format: the Club. A Club is an informal gathering for scientists, interested in a particular subspecialty not covered by the program, to exchange ideas, update progress in the field, and form collaborations. Over the years, the structure of these gatherings ranged from one minute/one slide introduction of hot topics, to chalk talks, to informal discussion groups without visual aids. Each Club and each group of scientists, predictably, has been unique. This year, four groups organized clubs in specialty areas:

CYTOKINES AND NONVIRAL PATHOGENS

When: Saturday, 5 December, 4-6 PM. Where: Charleston Omni Hotel, Hampton Room

Infections caused by nonviral pathogens continue to be a major worldwide human health problem. The key to developing successful treatments and preventive strategies for these diseases is to better understand the complexities of the host immune response to infection. This workshop will focus on the regulation of nonviral pathogenic infections by the intricate cytokine network of the host, and how this regulation may be used in the design of novel immunotherapeutic approaches to disease treatment. This informal session will be organized to maximize interactive discussion among participants.

For more information, please contact Dr. Christine Czamiecki, Genentech, Inc., at 415-225-1294.

COMPARATIVE LEUKOCYTE BIOLOGY

When: Friday, 4 December, 12:30-2 PM. Where: Charleston Omni Hotel, Drayton Room

The comparative Leukocyte Biology Club was established in 1989 and had its inaugural session at the Marco Island meetings that year. The CLB Club invites participation of individuals interested in contemporary studies involving animal leukocytes from both an experimental and a clinical point of view. Discussions are open and informal, and highlight current research work on domestic animal leukocytes. This year's CLB Meeting will again be sponsored by the Animal Health Research Division of Pfizer. Dr. David Slauson and Dr. Jim Roth will serve as Co-Hosts, and the Luncheon will feature two guest speakers: Dr. Charles Czuprynski (U Wisc.) on cytokine assays and species specificity, and Dr. Philip N. Bochsler (U Tenn.) on bovine macrophage activation and LPS binding proteins.

For more information, please contact Dr. David Slauson, Univ. of Tennessee, at 615-546-9230.

HIV INTERACTIONS WITH MACROPHAGES AND OTHER NON-LYMPHOCYTIC CELLS

When: Saturday, 5 December, 4-6 PM. Where: Charleston Omni Hotel, Colleton Room

This Club provides a forum for discussions on the interactions between HIV and cells such as macrophages, NK cells, dendritic cells, and polymorphonuclear leukocytes. Recurring issues for discussion include: (1) viral tropisms, the viral and cellular determinants for productive infection; (2) the viral replication cycle and its control in non-lymphocytic cells; (3) the direct and indirect effects of HIV replication on the functions of non-lymphocytic cells; and (4) the roles of non-lymphocytic cells in HIV-related diseases. This discussion will be informal, and will highlight some of the emerging new areas in AIDS research.

For more information, please contact Dr. Richard Kornbluth, UCSD, at 619-522-7439.

LEUKOCYTE PHENOTYPING USING MULTIPARAMETER FLOW CYTOMETRY

When: Saturday, 5 December, 4-6 PM. Where: Charleston Omni Hotel, Drayton Room

This club will be an informal discussion workshop on the application of flow cytometry to the immunophenotyping of leukocytes and myeloid cells. Using panels of monoclonal antibodies labeled with different colored fluorochromes enables the resolution of unique repertoires of surface proteins that can precisely identify subsets of cells. Flow cytometry can also be used to measure cell functions where either the epitope is known or fluorescent cytokines are used. Since there will be no formal speakers, participants are invited to share their experiences and questions with attendees for discussion.

For more information, please contact Dr. Carleton Stewart, Roswell Park, at 716-845-8471.

INTERESTED IN FORMING A CLUB?

CALL MARCIA STERNBURG, FASEB MEETINGS OFFICE, 301-530-7013, TO SCHEDULE TIMES

About the Annual Meeting...

CONTINUING MEDICAL EDUCATION

The Society for Leukocyte Biology is pleased to announce that category 1 CME credits will be given for attendance at Annual Meeting scientific sessions on an hour-for-hour basis. Forms will be available at the Society Headquarters, located in the Conference Lounge. The fee is \$25 per person, and forms (with check) should be returned to the Conference staff or mailed to the FASEB address located on the form.

TRAVEL GRANTS

The following students and award competitors will receive travel grants to attend the 29th Annual Meeting of the Society for Leukocyte Biology. The cost of the Travel Grants was defrayed in part by funds from the ONR :

Mario Castro
I.P. Oswald
Ramani Sundaram
Yi Ren

Moira Whyte
John Ferbas
Mary Haak-Frendshaw
David Alleva

Robert Wagner
Raymond Wright
Michael Fuortes
Carol Sabourin

Gautam Bijur
Gilbert Kukielka
David Askew
Mary Reidy

Goings On in the Society...

PUBLICATIONS COMMITTEE

The Publications Committee announces the selection of Editor of the *Journal of Leukocyte Biology* for a term of 2 years: Carleton Stewart. Carl's long experience with the *Journal* and excellent management of the transition to self-publication will enable the *Journal* to stabilize under new management for the next two years. Carl has endless new ideas for improvement of the *Journal*, and the Society is delighted that he will continue to serve as Editor-in-Chief.

The Publications committee is also pleased to announce the selection of an Associate Editor for the *Journal of Leukocyte Biology*, who will serve a term of 4 years: Craig Reynolds. Craig will solicit mini-reviews of hot topics in leukocyte biology research and identify emerging areas of theoretical interest to scientists in our field. We look forward to the inaugural issue containing this *Journal* innovation, and are excited to have Craig at the helm.

ELECTION RESULTS

The Tellers Committee reports the results of the Society elections held in May:

President-Elect:	Robert D. Schreiber
Treasurer:	J. Stephen Haskill
Councilors:	Thomas A. Hamilton Joan Stein-Streilein
Scientific Program Chair, 1995	Isaiah J. (Josh) Fidler

Congratulations to each of you! We look forward to your stewardship of Society affairs.

Goings On in the Society...

FUTURE MEETINGS ANNOUNCEMENTS

AAI/CIS CONJOINT MEETING

The AAI and CIS invited the Society for Leukocyte Biology to participate as one of 13 Guest Societies in their All-Immunology meeting in 1993. Bruce Zwilling is Program Chair for our Guest Symposium, to be held on Monday afternoon. The Symposium, "Cellular and Molecular Biology of Macrophage Activation," will feature up-to-date lectures by distinguished members of our Society. Call for Papers will be mailed by the end of October.

DENVER, CO, 21-25 MAY 1993

THE INTERNATIONAL CONGRESS

The Society for Leukocyte Biology traditionally holds every third meeting outside the continental United States to provide greater access and participation by its substantial non-US membership. These meetings alternate between the Atlantic and the Pacific rims. The last International Congress was in Crete, Greece [1990]. The Society for Leukocyte Biology is genuinely thrilled to hold its next International Congress in Australia, as a joint meeting with the Australasian Society for Immunology (ASI). Richard Stanley, SLB Program Chair, is finalizing the exciting scientific program with Barbara Fazekas and her ASI Committee: the theme is "Regulation of Leukocyte Production and Function." Australian scientists have long been recognized as leaders in the field of hematopoiesis, and their participation in our joint Program assures a truly wonderful scientific experience. The conference site, the Darling Harbor Convention Hall in Sydney, is magnificent. The possibilities for exploring this fascinating continent before or after the meeting are endless. Plan now: this is one meeting you will not want to miss!

SYDNEY, AUSTRALIA, 1-5 DECEMBER 1993.

MEMBERSHIP COMMITTEE

The Membership Committee and the Society for Leukocyte Biology welcome the following new members who have joined the Society since May 1992:

CORPORATE MEMBERS:

Janssen Pharmaceuticals
Interferon Sciences, Inc.
Meridian Instruments, Inc

EntreMed
PharMingen

INDIVIDUAL MEMBERS:

Kiyoko Akagawa
Tokyo, Japan 141
Kurt H. Albertine
Philadelphia, PA 19107
David G. Alleva*
Blacksburg, VA 24061
Rui Appelberg
Porto, Portugal 4100
David Askew*
Blacksburg, VA 29061-0406
Dominick L. Auci
Brooklyn, NY 11203
Steven C. Bailey
Somerville, NJ 08876-1258
John B. Barnett
Morgantown, WV 26506

Malcolm W. Barth*
Philadelphia, PA 19129
Myriam Bonnet
Brussels, Belgium 1000
Gautam Bijur*
Columbus, OH 43210
Laszlo G. Boros*
Columbus, OH 43210
Joan Brieland
Ann Arbor, MI 48109-0602
Daniela S. Bundschuh*
Piscataway, NJ 08855-0789
Lill Tove Rasmussen Busund
Tromso, Norway 9000
Mario Castro*
Rochester, MN 55905

John David Chambers
San Diego, CA 92122-3033
Nan-Shan Chang
Sayre, PA 18840
Chun C. Chao
Minneapolis, MN 55404
Kenneth Chavin*
Charleston, SC 29425
Tawni Crippen*
Davis, CA 95616
Elahe Crockett-Torabi
Ann Arbor, MI 48109-0602
Miklos Degre
Oslo, Norway 0027
Subhash Dhawan
Rockville, MD 20850

Charles Dinarello
Boston, MA 02111
David J. Fast
Ardmore, OK 73402
Lisa S. Feder*
Piscataway, NJ 08855-0789
Michele Fuortes*
New York, NY 10021
Jean Gerain
Brussels, Belgium 1000
Girish Giridhar
Herdon, VA 22071
Simon P. Green*
Melbourne, 3050 Australia
Brian G. Harbrecht
Louisville, KY 40292

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Goings On in the Society...

SUMMARY OF COUNCIL DELIBERATIONS

COUNCIL MEETING 19 JUNE 92

Council met at the FASEB campus in Bethesda, MD, at 9:00 AM, with President Carol Nancy presiding. After a warm welcome and words of appreciation for everyone's contribution to the meeting, the Chair explained that they had a very full agenda which was preferable to postponing items for the December Annual Meeting. The Agenda was packed with items discussed at the March Council meeting and with reports relating to decisions made at that meeting.

MANAGEMENT OF THE SOCIETY

For the benefit of those not present at the March Council meeting, Michael Jackson, FASEB Executive Director, spoke of the agreement between the Society and the Federation which was implemented July of '91 to provide a comprehensive menu of management services for the Society. Dr. Jackson was happy to report that things are running smoothly now that they have an understanding of the full scope of Society activity. FASEB can now begin to address the program of activities for development of the Society discussed at the Presidential Advisory Committee retreat last year. Included on the agenda were three specific proposals: one for some new initiatives to address membership recruitment, encourage participation in the meetings, and recruit subscriptions to the *Journal of Leukocyte Biology*; a second to implement Placement Services as a regular function of Society activities at the Annual Meeting; and a third was a new agreement between the Society and Federation with savings of greater than \$20,000 over last year's agreement. The Council reached a consensus that the Marketing Plan met their objectives and that the plan would be referred to the specific Society Committees for action. Council decided that Placement Services would be a benefit of membership in the Society and not a revenue source. Council was happy to renew the FASEB contract and delighted that they were working diligently to improve functioning of the Society.

COMMITTEES

It was agreed that Committee Chairs need to be more involved in the day-to-day activities of the Society in order to understand how Council functions; for example, the Publications Committee Chair should attend Council meeting for decisions related to the Journal. The following committee memberships were proposed for Council approval by President-Elect, Alan Kaplan: Don Cohen, Membership Committee; Bruce Zwilling, Nominating Committee; Carol Miller, Publications Committee; and Georgia Schuller-Levis, Rules Committee. Carol Nancy becomes a member of the Awards and Honors Committee upon completion of her term as President, and Steve Haskill, Treasurer is Chair of the Finance Committee. Council approved all Committee appointments.

MEETINGS

Council recommended that the Guest Program Chair for the AAI meeting in May 1993 raise funds for the Guest Society Symposium. Council affirmed the FASEB Management plan for distribution of efforts between the Society and the ASI for organization of the joint ASI/Society for Leukocyte Biology International Congress to be held in Sydney, Australia in December 1993. The FASEB budget will reflect this shifting of responsibility to ASI. Carl Nathan, Program Chair for the 1994 meeting, will present a preliminary program for Council at the December meeting, and Marcia Sternburg will supply information on meeting sites in Albuquerque, Sante Fe, Tucson, and Phoenix. Council, on a trial basis, will offer CME credits for a \$25 fee.

MEMBERSHIP

Larry Schook, Membership Chair, announced that there were 77 new members: 30 students and 47 staff scientists. Of the 77, 56 are from the USA and 21 are foreign. Council approved a motion that Debbie Stoutamire have full responsibility for approval of membership, based on criteria outlined in the handbook. Linda Acuff, FASEB Manager of Marketing, will work out membership issues in conjunction with the Membership Committee and review the membership form to redefine student categories.

PUBLICATIONS

Luigi Varesio, Chair of the Publications Committee, presented the Committee's recommendations for Editor-and-Chief and the new position, Associate Editor. Council voted to extend the present term of Carleton Stewart as Editor-in-Chief for 2 years, and approved Craig Reynolds as the Associate Editor for a term of 4 years.

SOCIETY FOR LEUKOCYTE BIOLOGY

TWENTY-NINTH NATIONAL MEETING

December 2-5, 1992 — Charleston, South Carolina

Leukocyte Biology: From Molecular Mechanisms into the Clinical Frontier

WEDNESDAY, DECEMBER 2

9:00 a.m. - 5:00 p.m.
Registration
Council Meeting
1:30 p.m. - 3:00 p.m.
Poster Session I
3:00 p.m. - 5:00 p.m.
SYMPOSIA I-III

I. Cellular Adhesion

Chair: Michael Gimbrone, Jr., Brigham & Women's Hospital
Endothelial-dependent Mechanisms in Inflammation and Atherogenesis (Overview)

Speakers: John Harlan, University of Washington
Mechanisms and Consequences of Leukocyte Adherence to Endothelium

Thomas Tedder, Dana Farber Cancer Institute
Regulation of Leukocyte Attachment to Activated Endothelium through L-Selectin

II. Wound Healing & Angiogenesis

Chair: Judah Folkman, Harvard Medical School
Role of Angiogenesis in Wound Healing

Speakers: Jeffrey Davidson, Vanderbilt University
Manipulation of the Wound Healing Process with Growth Factors
Katherine Sprugel, Zymogenetics, Incorporated
Actions of Growth Factors in Delayed Healing of Wounds

III. Antigen Presentation by Macrophages

Chair: David Beller, Boston University Medical Center
Cytokine Dysregulation: An Intrinsic Defect in Macrophages from Autoimmune-Prone Mice

Speakers: David Raullet, University of California, Berkeley
Costimulator Function for T Cell Activation

Anne O'Garra, DNAX Research Institute
IL-10 Inhibits Macrophage Antigen Presenting Function for T Helper Cells

President's Reception

Keynote Address:

Anthony Fauci, NIH
Immunopathogenic Mechanisms of HIV Infection

THURSDAY, DECEMBER 3

7:30 a.m. - 5:00 p.m.
Registration
8:30 a.m. - 12:00 noon

Plenary Session I:

Genetic Engineering
Chair: Thomas Caskey, Baylor College of Medicine

FRIDAY, DECEMBER 4 (Cont)

Robert Schreiber, Washington University
Gamma Interferon Receptors: Structure and Mechanisms of Signalling

Thomas Schall, Genentech, Incorporated
Functional Analysis of "Chemokine- β " Chemotactic Cytokine Receptors

Society Business Meeting

Poster Session III

SYMPOSIA VII-IX

VII. **Cytokine Regulation of Antimicrobial Activities**
Chair: Carol A. Nancy, Walter Reed Army Institute of Research
Cytokines That Regulate Macrophage Antimicrobial Activities
Speakers: Monte S. Meltzer, Walter Reed Army Institute of Research
HIV, the Interferons, and Human Monocytes

Phillip Scott, University of Pennsylvania
Intracellular Parasite Control of the Activation Process

VIII. IL-8 and Other Chemotactic Cytokines

Chair: Marco Baggiolini, Theodor-Kocher Institute, University of Bern
Introduction: IL-8 Today

Speakers: Teizo Yoshimura, NCI-FCRDC
Monocyte Chemoattractant Protein-1 (MCP-1)—A Mediator for In Vivo Macrophage Accumulation

Suzanne Becker, University of North Carolina-Chapel Hill
Regulation of the Chemokine Family of Genes in Human Alveolar Macrophages and Respiratory Epithelium

IX: Molecular Biology of the Activated Macrophage

Chair: Stephen Russell, University of Kansas
Synergistic Amplification of Killing by γ and LPS: Nitric Oxide Synthase Gene Expression in Activated Macrophages

Speakers: Sidney Pestka, UMDNJ-Robert Wood Johnson Medical School
Molecular Biology of the γ Receptor System: The Tip of the Iceberg

Richard J. Ulevitch, The Scripps Research Institute

Molecular Studies of Macrophage Receptors for Endotoxins

Banquet & Awards

7:30 p.m.

SATURDAY, DECEMBER 5

8:00 a.m. - 3:00 p.m.
8:30 a.m. - 12:00 noon

Registration
Plenary Session III:
Cytokines/Growth Factors

Chair: David Golde, Memorial Sloan-Kettering Cancer Institute
Overview of the Colony-Stimulating Factors in Host Defense
Speakers: Bernd Gansbacher, Memorial Sloan-Kettering Cancer Center
Effect of Expression of Transduced Cytokine Genes in Tumor Cells
Makio Ogawa, Medical University of South Carolina
Effects of Hematopoietic Hormones on Stel Cells In Vitro
Maurice Wolin, UCLA School of Medicine
Regulation of Expression of Colony-Stimulating Factors
SYMPOSIUM X-XII

1:00 p.m. - 3:00 p.m.

X. Cytokine and Growth Factor Receptors
Chair: David Goeddel, Genentech, Incorporated
Signaling by Tumor Necrosis Factor Receptors
Speakers: David Gearing, Immunex Corporation
The Molecular Structure of the High Affinity Leukemia Inhibitory Factor/Oncostatin-M Receptor
Atushi Miyajima, DNAX Research Institute
Structure, Function and Expression of the IL-3, IL-5 and GM-CSF Receptors

11. Clinical Applications of Cytokine Growth Factor Research
Chair: William Peters, Duke University Medical Center
The Effects of Hemopoietic Colony Stimulating Factors on the Toxicity and Cost of Bone Marrow Transplantation
Speakers: George Demetri, Dana Farber Cancer Institute
Support in Dose Intensification in Breast Cancer with Hemopoietic Cytokines
John Crown, Memorial Sloan-Kettering Cancer Center
Novel Chemotherapy Sequencing with Hematopoietic Colony Stimulating Factors

12:00 p.m. - 1:00 p.m.

XII. Cytotoxic Effector Molecules of Phagocytes
Chair: John Hibbs, University of Utah Medical School
Cytokine Induced Synthesis of Nitric Oxide from L-arginine: Implications for Cell Mediated Immunity
Speakers: Donald L. Granger, Duke University Medical Center
Studies on the Role of Nitrogen Oxides as a Host Antibacterial Defense Mechanism
Carl F. Nathan, Cornell University Medical College
Inducible Nitric Oxide Synthase
Club Meetings
(HIV and Myeloid Cells, Cytokines and NonViral Pathogens, etc.)

4:00 p.m. - 6:00 p.m.

Registration
Plenary Session II:
Receptor-Mediated Signaling in Inflammatory Cells

Chair: Ralph Snyderman, Duke University Medical Center
Regulatory Mechanisms of Leukocyte Chemoattractant Receptors
Speakers: Craig Gerard, Harvard Medical School
Seven Transmembrane Segment Receptors and Inflammation

6:00 p.m. - 8:00 p.m.

FRIDAY, DECEMBER 4

8:00 a.m. - 5:00 p.m.
8:30 a.m. - 12:00 noon

Registration
Plenary Session I:
The Molecular Genetic Basis of Chronic Granulomatous Disease: What Does It Tell Us About the Function of NADPH Oxidase

Chair: Robert Clark, University of Iowa
The Phagocyte Respiratory Burst Oxidase: Components and Assembly of the Enzyme Complex
Speakers: John T. Curnutte, Scripps Clinic & Research Foundation
The Molecular Genetic Basis of Chronic Granulomatous Disease: What Does It Tell Us About the Function of NADPH Oxidase
Edgar Pick, Sackler School of Medicine, Tel Aviv University
Involvement of Rac and GDP/GTP Exchange Proteins in the Activation of NADPH Oxidase

V. Cytokine Antagonists
Chair: Charles Dinarello, Tufts University
IL-1 Receptor Antagonist
Speakers: L. Lyle Moldawer, Cornell University Medical College
Soluble TNF Receptors
John Sims, Immunex Research & Development Corporation
Soluble IL-1 Receptors

VI. Cytokines/Growth Factors Which Downregulate Immune Reactions
Chair: Anita Roberts, NCI, NIH
TGF- β as a Mediator of Immune Suppression
Speakers: Michael A. Palladino, Genentech, Inc.
TGF- β and Its Role in Septic Shock
Jan T. Vilcek, New York University Medical Center
Influences of the α IFN Receptor Gene Deletion on Monocyte and Macrophage Function
Student and Young Investigator Award Competitions

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Information about the Society and the Twenty-Ninth National Meeting may be obtained from:

Society For Leukocyte Biology
9650 Rockville Pike
Bethesda, MD 20814-3998
301-530-7010

PLEASE POST

Goings On in the Society...

COUNCIL MEETING 19 JUNE 92 (continued)

PUBLICATIONS (continued)

Linda Acuff will develop a proposal for a pricing strategy to increase institutional subscriptions to the *Journal* and to reduce the rate for multiple-library subscriptions. Council decided to cut the mailing costs of the *Journal* for foreign institutions. Lew Gidez, FASEB director of Publications, and John Rice, FASEB Comptroller, will determine the appropriate charge. The Publications Committee was charged by Council to make the following recommendations: duties for Section Editors, rotation of appointments to the Editorial Board; formal terms of office of Editor and Associate Editor, and how to handle advertising and evaluate proposals for these positions. The information will go to Council by FAX and then to the Rules Committee for approval by membership at the December meeting. The Editorial Board and Section Editors were encouraged to watch for extraneous and unnecessary color submissions to the *Journal*. The Society will provide guidance and information on which to base the '93 *Journal* budget to be presented to Council in December.

The Council Meeting was adjourned at 5:00 PM

PRESIDENT'S ADVISORY COMMITTEE MEETING 7 AUGUST 1992

The President's Advisory Committee, composed of the President, Presidents-Elect 1992 and 1993, Treasurer, International Relations Committee Chair, and two Councilors, met for 2 days at the country home of Councilor Emil Skamene outside of Montreal, Canada. The Advisory Committee's charge was to develop policies and a structure for integration of affinity groups who may want to affiliate with the Society for Leukocyte Biology as regional branch in other countries. The discussion centered on the individual needs of each region: while the structure of the Tokyo Corresponding Office was appropriate for Japan and for other developed countries, the Eastern European currency crisis requires a different, and more flexible structure. Recommendations of the Advisory Committee will be brought to Council in December for further discussion, and several of the initiatives that resulted from the Committee deliberations are summarized in the report of the International Relations Committee.

INTERNATIONAL RELATIONS COMMITTEE

From the Chair, Monte Meltzer: This has been an interesting year for international relations. Dr. Takeshi Yoshida is the new Director of the Japanese Corresponding Office of the Society for Leukocyte Biology. Many of the routine actions normally handled at the Executive Office in Bethesda, MD, will now occur within Japan. More importantly, the Japanese Corresponding Office will serve as a central resource to facilitate scientific interactions and to ensure active participation in Society affairs by our valued associates in Japan. Active discussions are underway to establish similar programs in Western Europe, Eastern Europe (Czechoslovakia, Hungary, Poland, Baltic States, Russia, Ukraine, Bielovus), Latin America, and Australia. It is obvious from our meeting attendance, journal articles, and membership that we are indeed an international Society. The task before us is to better serve our international members and to establish outreach programs to include scientists with similar interests in Society activities. The outreach program initiated by Dr. Emil Skamene (McGill University) for Eastern Europe [presently under discussion by Council] will be of special interest to the Society and establish us as real partners in their emerging scientific renaissance.

SOCIETY NUMBERS

Have a good idea? Need to talk to someone? Listed below are the telephone and FAX numbers of people who can help you with your Society business:

Society for Leukocyte Biology

Debbie Stoutamire, Society Office:	301-530-7120	FAX 301-530-7049
Marcia Sternburg, Society Meetings:	301-530-7013	FAX 301-530-7014
Linda Acuff, Society Marketing Manager:	301-571-1855	FAX 301-530-7049
Carol Nancy, Society President 1992:	301-295-6955	FAX 301-295-6963
Carl Stewart, Editor <i>J. of Leuk. Biol.</i> :	716-845-8471	FAX 716-845-8806

Profiling Our Members...

HONORARY LIFE MEMBERS

The Awards Committee announces the selection of two outstanding scientists to receive Honorary Life Membership in the Society for Leukocyte Biology. Individuals are accorded this honor as a tribute to their contributions to the knowledge of the reticuloendothelial system and function of leukocytes. Honorary Life Members are entitled to the following:

- All the rights and privileges of active membership;
- Exemption from Society dues and the Annual Meeting Registration fee;
- Identification as Honorary Life Member in the Directory; and
- Free subscription to the Journal of Leukocyte Biology.

RALPH VAN FURTH

Dr. van Furth received his M.D. (1955) and Ph.D. (1964) from the University of Leiden, and is currently Professor of Internal Medicine at that same Institution. His long and distinguished research career at Leiden has been punctuated with frequent sabbaticals at the Rockefeller University, New York City, where he forged a lasting relationship with one of the premiere macrophage laboratories of the world. His association with the Rockefeller led to a series of meetings known to the field as the Leiden Mononuclear Phagocyte Meetings, held every 3-5 years; an invitation to these meetings remains a goal for most aspiring young macrophage biologists. Best known for his pioneering work on the origin of tissue macrophages, the scope of his research is impressive: his early publications involve the immunologic development of the fetus and the production of antibodies; later he investigated the cellular and molecular basis for inflammation and monocytopenia. Woven throughout his numerous research publications on the macrophage, however, is a theme to which he has returned recently: the role of macrophages in infectious processes. He has contributed profoundly to our understanding of the activated macrophage and its capacity to kill different pathogens. Dr. van Furth is a member of any number of Societies, Editorial Boards, and Foundations. He has been an active and loyal member of the Society for Leukocyte Biology for many years.



RUTH GALLILY



Dr. Gallily received her Ph.D. (1956) from the Hebrew University of Jerusalem and Weizmann Institute of Science, Rehovot, and is currently a Professor in the Department of Immunology at the Hebrew University of Jerusalem, Israel. She has spent a number of years as a guest scientist in such prestigious institutions as the Sloan-Kettering, Johns Hopkins, California Institute of Technology, UCLA, UCSF, and the Rockefeller. In her long and distinguished research career, her studies touched upon and extended our knowledge in such essential areas as the role of macrophages in antibody production, the elimination of macrophages by antisera to cell components, processing of antigen by macrophages, FcR of macrophages and phagocytosis, and regulation of macrophage cytotoxic activities. Her many pioneering studies were an inspiration to young macrophage biologists. She has most recently turned her attention to the regulation of cytokine production by macrophages, and has identified membrane components of *Mycoplasma* which selectively induce TNF- α . This dysregulation of cytokine production might be the underlying basis of a wasting syndrome observed in advanced AIDS. She is a member of a number of international Societies, and has been actively involved in Society for Leukocyte Biology functions for a number of years.

Profiling Our Members...

The Marie T. Bonazinga Research Award

Dolph Adams, Chair, and the Awards Committee are pleased to announce the selection of

Dr. Monte S. Meltzer
Walter Reed Army Institute of Research

to receive the Marie T. Bonazinga Annual Research Award for 1992.

This prestigious award is sponsored by the Accurate Chemical and Scientific Corporation, and is given to a member of the Society for Leukocyte Biology who has shown consistent excellence in research.

YOUNG INVESTIGATOR AWARD COMPETITORS

The Young Investigator Competition is open to any investigator under the age of 36 who is a full member of the Society or sponsored by a member. The selection is made by the Awards and Honors Committee on the basis of scientific merit, originality, and presentation style of a presentation delivered at the Awards Competition. The award is a plaque and \$600, and is sponsored by the Office of Naval Research. This year's candidates are:

1. Matthew Fenton – Boston University Medical Center (Dept. of Medicine & Pathology)
2. Andreas Nussler – University of Pittsburg (Dept. of Surgery)
3. Danuta Radzioch – McGill University (Dept. of Medicine)
4. Julian Gomez-Cambronero – University of Connecticut (Dept. of Physiology)

PRESIDENTIAL AWARDS COMPETITORS

The Presidential Awards are open to all students in training (pre- and postdoctoral). The Awards Committee is charged with picking the first and second best papers, and the criteria for selection are similar to those for the Young Investigator Award. The Presidential Awards are a plaque and \$600 (first place, sponsored by the Office of Naval Research) and \$300 (second place, sponsored by the Annie R. Beasley Memorial Fund of the Society). The candidates this year are:

1. Simon Green – University of Melbourne (Dept. of Medicine)
2. Krishna Mondal – University of North Carolina at Chapel Hill
3. Yoram Vodovotz – Cornell University Medical College
4. Yvan Rochon – University of New Mexico (Dept. of Pathology)

**The Awards Competition at the Annual Meeting will be held on Thursday evening
3 December 1992, from 6 to 8 PM, with a Social following.**

Be Sure to Attend!

New Society Initiatives...

From the newly constituted
Ad Hoc Committee on Education
comes a timely Hands-On Course co-sponsored by the
Society for Leukocyte Biology
and
Center for Advanced Training In Cell and Molecular Biology

Where: The Catholic University of America, Washington, DC
When: February 8-12, 1993
Cost: \$450 (Course 104-93)
Faculty: Course Director, Dr. Anne H. Fortier, Chair, Committee on Education
Faculty, Members of the Society for Leukocyte Biology

The Molecular and Cellular Biology of Macrophage Activation for Cytotoxicity

An integrated lecture and laboratory course that covers basic biology of the macrophage, cytokine regulation of macrophage function, and effector reactions used in macrophage cytotoxic activities. The course is designed for immunologists and cell biologists who seek skills and knowledge of macrophage biology for use of these cells as tools in analysis of cytokine networks and inter-relationships, and of the role of macrophages as the effector arm of the immune system. Lectures include such topics as the phenotypic and genotypic characterization of monocytes and macrophages, cell maturation and differentiation, cytokine regulation of macrophage effector activities and secretory products, macrophage cytotoxic activities against viruses, bacteria, parasites, and tumor cells, and assessment of the molecular basis of cytotoxicity. Laboratory exercises reflect and extend lecture topics, and will emphasize state-of-the-art techniques for studying macrophage function: elutriation and purification of macrophages; multiparameter flow cytometry for phenotyping cells, determination of cytokine production, and detection of intracellular pathogens; latest techniques for assessment of macrophage effector molecules like reactive nitrogen and oxygen intermediates and TNF- α . Prior experience with macrophages not required.

For more information or registration forms, call or write

The Center for Advanced Training in Cell and Molecular Biology
103 McCort-Ward Building
The Catholic University of America
Washington, DC 20064

TELE: 202-319-6161; FAX: 202-319-4467

New Society Initiatives...

CALLING ALL ARTISTS! CALLING ALL ARTISTS! ANNOUNCING THE SEARCH FOR A SOCIETY FOR LEUKOCYTE BIOLOGY LOGO

The Society has existed since 1955 without an official Logo, and 1993 looks like a very good year to rectify this omission. Accordingly:

**The Society for Leukocyte Biology
announces
a
CONTEST
for selection of a Logo representative of our Society**

Your are invited to submit one eight by ten original and six copies of your creative renderings/graphic designs to the chair of the selection committee:

SLB LOGOS
c/o Dr. Elizabeth Kovacs
Department of Cell Biology, Neurobiology and Anatomy
Loyola University
2160 South First Avenue
Maywood, IL 60153

THE PRIZE? Aside from the glory associated with winning, and the joy of seeing your design on every publication and communication of the Society, the winner will be awarded a round-trip economy class airline ticket to the 1993 International Meeting of the Society held jointly with the Australasian Society for Immunology in Sydney, Australia, 1-5 December, 1993.

THE PROCESS? Logo designs will be received by the committee, and a preliminary selection made of the four best submissions. These will be reproduced on a single page, and distributed to the membership with the Spring ballot. The membership will vote to determine the winning LOGO design, and the winner will be announced before the Abstract submission date for the Society meeting in Australia.

THE DEADLINE? Please have all submissions to Dr. Kovacs by 15 January 1993.

For more information, call or FAX Dr. Liz Kovacs: 708-216-6743, FAX 708-216-3913

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