

PRESIDENT'S MESSAGE

As the 34th Annual Meeting of the Society for Leukocyte Biology draws near, we are excited about the terrific program on the "Interactions of Innate and Acquired Immunity" organized by scientific co-chairs, Charles Janeway and Joan Stein-Streilein. In addition to the plenary sessions, symposia and poster sessions, we are honored to have Dr. Jules Hoffmann from IBMC/CNRS in France and Dr. Eric Davidson of CalTech as our keynote speakers. Dr. Hoffmann was a pioneer in studying *Drosophila* as a highly relevant model for innate immunity, beginning an era of incredible new insights in the field. Dr. Davidson will provide fascinating information on the evolution of the immune system. For our special 45th Anniversary Lecture, Dr. James Louie of the Harbor-UCLA Medical Center, a renowned rheumatologist, will entertain and educate us with a presentation on Art and Medicine. Dr. Louie has spent years exploring the impact of disease on the evolution of the artistic talents of famous artists (Grandma Moses had OA, Renoir had RA, and Klee died of scleroderma). He gives an absolutely fabulous presentation, so don't miss it.

The first session of the meeting will be the presentations by the SLB Presidential Student Award finalists and the competition for this year's award is fantastic. Be sure to be there as these talks may be some of the best of the meeting and we want to support and encourage our up-and-coming scientists.

Another highlight in this year's Annual Meeting is the 20th Anniversary of the Bonazinga Award which is presented to an SLB member for excellence in leukocyte biology research. Mr. Rudy Rosenberg, President of Accurate Chemical and Scientific Corporation who has generously funded this award for 20 years will give a brief history of the award prior to its presentation to Dr.

Alberto Mantovani, this year's highly deserving recipient. To commemorate the 20 years of continued support by Mr. Rosenberg in honor of his colleague and co-founder and vice president of Accurate Chemical and Scientific Corporation, Marie T. Bonazinga (see photo), we will unveil a new award to replace the plaques presented in the past. As Mr. Rosenberg (see photo) will share with us, the reason he initiated this award more than 2 decades ago stemmed from the encouragement that several SLB (then RES) councilors gave both him and Marie in the early days of their company and he wanted to show his appreciation. This award has enabled SLB to recognize leukocyte biology's finest scientists during the past 20 years, and we remain incredibly grateful to Rudy and Marie for their generosity in making this possible.

Marie T. Bonazinga Award Recipients

1980	Gustavo Cudkowicz
1981	John B. Hibbs
1982	Isaiah Fidler
1983	Peter Hensen
1984	Samuel C. Silverstein
1985	Seymour J. Klebanoff
1986	Emil Unanue
1987	Joost J. Oppenheim
1988	Marco Baggiolini
1989	E. Richard Stanley
1990	Robert J. North
1991	Zanvil A. Cohn
1992	Monte S. Meltzer
1993	Ralph M. Snyderman
1994	Barry R. Bloom
1995	Timothy A. Springer
1996	Ralph M. Steinman
1997	Carl F. Nathan
1998	Robert D. Schreiber
1999	Margaret L. Kripke
2000	Alberto Mantovani

I look forward to seeing each of you at the Annual Meeting. Please don't forget the SLB Business Meeting on Friday, October 6 at 12:30 p.m. in Grand Ballroom B. This is your opportunity to participate in the direction of the Society we need you and your input! opportunity to participate in the direction of the Society-we need you and your input!

Sharon M. Wahl
President, SLB



Marie T. Bonazinga



Rudy Rosenberg

ALBERTO MANTOVANI, M.D. – 2000 Marie T. Bonazinga Award Recipient

This year's recipient, Dr. Alberto Mantovani is well-known for his contributions to the field of leukocyte biology, including major ones in the following areas: Chemokines: original description on Monocyte Chemotactic Protein-1as tumor-derived chemotactic factor; characterization of new chemokines and their role in pathophysiology. IL-1/Toll: endothelial cell activation by IL-1 and cytokines; identification of the type II receptor as a decoy anti-IL-1molecule, a concept now extended to molecules in the TNF receptor and IL-18 receptor families. Pentraxins: cloning (cDNA and genomic, mouse and human), structural and functional characterization of the first long pentraxin PTX3.

Dr. Mantovani was born in Italy, graduated from the Univ. of Milan in 1973, *summa cum laude* in Medicine, and obtained in 1976 the title of Specialist in Oncology from the Univ. of Pavia. He conducted research in his native country as well as across the English Channel, at the Chester Research Institute, Surrey, England, and across the Atlantic Ocean, at the National Institutes Health, Maryland, USA. Currently, Alberto is the Chief of the Lab. of Immunology and the Head of the Dept. of Immunology and Cell Biology, at the Istituto di Ricerche Farmacologiche "Mario Negri", Milan. He is also a Full Professor of General Pathology, at the School of Medicine, Univ. of Brescia, Italy.

Among the many honors he received are fellowships from the Italian Association Against Leukemias, Anna Villa Rusconi Foundation, the British Council, NATO and Eleanor Roosevelt UICC; as well as a Yamagiwa-Yoshida International Study Grant from UICC and the Biotec Award. Dr. Mantovani has been a reviewer

for many journals, and is on the editorial board of *J. Leuk. Biol.* (Section Editor), *Annals of Oncology*, *Cytokine*, *European Cytokine Network*, *J. Clin. Invest.* (Consulting Editor), *Eur. J. Immunol.* and *Immunology Today*. He also sat on committees for Nat. Inst. of Health-Nat. Cancer Inst., USA; Nat. Sci. Fdn., USA; Human Frontier Sci. P rog. Org., France; Fond Nat. Suisse de la Rech. Scient., Switzerland; NATO Scientific Affairs Div.; Commission of the European Community; Med. Res. Council, UK; Istituto Superiore di Sanità, Target Project on AIDS; Italian Assoc. for Cancer Res. (AIRC).

Dr. Mantovani has been an active member of the Society since 1981, he was a Councilor from 1994 to 1996 and he is presently on the *JLB* editorial board. In addition, Alberto is the President of the Italian Society of Immunology and the European Cytokine Society and a former president of the Italian Federation of Immunological Societies.



Alberto Mantovani's award lecture is entitled "Decoy receptors as a strategy to regulate primary inflammatory cytokines and chemokines."

SLB WELCOMES ITS NEWEST MEMBERS

- Graciela Andonegui - Univ of Calgary Fac. of Med.
Sylvain Bourgoin - CHUL & Laval Univ.
Theodore Bremner - Howard Univ.
Karen Brinker - Duke Univ
Helen Briscoe - Univ. of Sydney
Randy Brutkiewicz - Indiana Univ. Sch. of Med.
Laurence Cheung - Univ. of Kansas Med. Ctr.
Maoyen Chi - Ohio State Univ.
Isabelle Cloez-Tayarani - Pasteur Inst., France
Ana Crespo - Univ. of Kansas Med. Ctr.
Antonin De Fougerolles - Biogen Inc.
Becky Diebold - Scripps Res. Inst.
Manuela Florido - Univ. Porto, Portugal
Kan Fukuda - Yamaguchi Univ. Sch. of Med.
Steven Giles - Univ. of Wisconsin-Madison
Ana Sofia Gonçalves - Univ. of Porto, Portugal
Amala Guha - Univ. of Connecticut Hlth. Ctr.
Anders Gustafsson - Karolinska Inst., Sweden
Pedram Hamrah - Schepens Eye Res. Inst.
M.-K. Han - Chonbule Natl. Univ. Med. Sch., Korea
Wyrta Heagy - Minneapolis Med. Res. Fndn./Univ.
David Hoskin - Dalhousie Univ., Canada
Runhua Hou - Dana Farber Cancer Inst.
Donald Kimpel - Louisiana State Univ. Hlth. Sci. Ctr.
Cindy Knall - Lovelace Respiratory Res. Inst.
Aurelia Koros - Univ. of Pittsburgh Sch. of Publ. Hlth.
James Lederer - Brigham & Women's Hosp., Harvard Med. Sch.
Fabio Leite - Univ. of Wisconsin-Madison Sch. of Vet. Med.
Xiong Li - Pharmacia Corp.
Amy Liese - UMDNJ
- Wan-Wan Lin - Natl. Taiwan Univ. Col. of Med.
Liqin Liu - T Breeders/Biotech Three
Yiran Lu - Cornell Univ., Weill Grad. Sch. of Med. Sci.
William Mackin - Via Cell Inc.
Andrei Medvedev - USUHS
Kelley Messingham - Loyola Univ. Chicago
John Millili - St. Agnes Med. Ctr.
Jun Son Mo - Harvard Med. Sch., Schepens Eye Res. Inst.
Niki Moutsopoulos - NIH/NIDCR
William Murphy - Univ. of Kansas Med. Ctr.
John Naim - Rochester Gen. Hosp.
William Nauseef - Univ. of Iowa
H.-J. Park - Chonbule Natl. Univ. Med. Sch., Korea
Jose Pena - Hosp. Univ. Reina Sofia, Spain
Itai Pessach - Ben-Gurion Univ. of the Negev, Israel
Hai Qi - Univ. of Texas Galveston
Madhavi Rane - Univ. of Louisville
Thomas Rogers - Temple Univ. Sch. of Med.
Korinn Saker - Virginia Tech Col. of Vet. Med.
Trista Schagat - Duke Univ.
Dorthe Schae - Univ. of London, U.K.
David Smalley - Univ. of Kansas Med. Ctr.
Jennifer Smith - Marshall Univ. Sch. of Med.
Rafael Solana - Hosp. Univ. Reina Sofia, Spain
Zhong Su - Montreal Gen. Hosp. Res. Inst.
LuAnn Thompson-Snipes - McGill Univ.
Eda Tuzuner - Humboldt Univ. of Berlin
Bruce Walcheck - Univ. of Minnesota
Chuanhua Wang - Inst. for Basic Res. in Devel. Disabilities
Tianyi Wang - Ohio State Univ.

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34th Annual Meeting Program
Interactions of Innate and Acquired Immunity
October 5-8, 2000
Royal Sonesta Hotel, Cambridge, MA

Wednesday, October 4

2PM - 5 PM	SLB Council meeting	<i>Royal</i>
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Thursday, October 5

8AM - 12noon	SLB Council meeting (cont.)	<i>Royal</i>
12noon - 5 PM	Meeting Registration	<i>East Tower Foyer</i>
12:30 - 1:30 PM	Presidential Student Awards Competition	<i>Riverfront</i>

Thomas Hamilton (Chair)
 Graciela A. Andonegui. Univ. of Calgary, Canada.
 Niki Moutsopoulos. NIDCR / NIH.
 Jun Song Mo. Schepens Eye Res. Inst.
 Becky A. Diebold. Scripps Res. Inst.

1:30 - 3:00 PM	Keynote addresses	<i>Riverfront</i>
	Charles Janeway (Chair)	
	Jules Hoffmann. IBMC / CNRS, France.	
	Eric Davidson. Caltech.	

3:30 - 4 PM	Coffee Break	<i>Ballroom Foyer</i>
4 - 6:30 PM	Plenary Session I	<i>Grand Ballroom B</i>

Innate Immune Recognition: Its Evolution and Its Consequences

Ruslan Medzhitov (Chair)
 Ruslan Medzhitov. Yale Univ. Sch. of Med.
 Elizabeth Eldon. Univ. of Notre Dame
 Kathryn Anderson. Sloan Kettering Institute
 Bruce Beutler. Univ. of Texas Southwestern Medical Ctr.
 Doug Fearon. Univ. of Cambridge, U.K.

6:30 - 7:30 PM	SLB 45th Anniversary Lecture	<i>Grand Ballroom B</i>
	Arts and Medicine. James Louie. Harbor-UCLA Med. Ctr.	
7:30 - 9:30 PM	Presidential Reception (Sponsor: PharMingen)	<i>Grand Ballroom A</i>
	Poster Session 1 and Exhibits	<i>Grand Ballroom A</i>

Friday, October 6

8 AM - 5 PM	Meeting Registration	<i>West Tower</i>
8 - 9 AM	Poster Workshop I: <u>Macrophages</u>	<i>Skyline A-C</i>
9AM - 11:30 AM	Plenary Session II	<i>Grand Ballroom B</i>

Antimicrobial Peptides
 Robert Lehrer (Chair)
 Robert Lehrer. UCLA.
 Michael Zasloff. Magainin Res. Inst.
 Hans G. Boman. Karolinska Inst., Sweden.
 Dan Hultmark. Umeå Univ., Sweden.

10-10:15 AM	Coffee Break	<i>Ballroom Foyer</i>
11:30 - 12:30 PM	Lunch on your own	
12:30 - 1PM	SLB Business Meeting	<i>Grand Ballroom B</i>

1PM - 3PM	<p>Concurrent Symposia</p> <p>1. <u>Neutrophils</u> <i>Grand Ballroom B</i></p> <p>Gary Bokoch and Linda McPhail (Co-chairs)</p> <p>Gary Bokoch. Scripps Res. Inst.</p> <p>Fabio P. Leite. Univ. of Wisconsin-Madison, Sch. of Vet. Med.</p> <p>Trista L. Schagat. Duke Univ.</p> <p>Linda McPhail. Wake Forest Univ. Sch. of Med.</p> <p>Anna Karlsson. Univ. of Göteborg, Sweden.</p> <p>De Yang. NCI-FCRDC</p>
	<p>2. <u>NK cells</u> <i>Skyline</i></p> <p>Vinay Kumar and Wayne Yokoyama (Co-chairs)</p> <p>Vinay Kumar. Univ. of Chicago.</p> <p>Timothy M. Carlos. Univ. of Pittsburgh Cancer Inst.</p> <p>Julie A. Margenthaler. Washington Univ. Sch. of Med.</p> <p>Wayne Yokoyama. Washington Univ. Sch. of Med.</p> <p>Ennio Carbone. Karolinska Inst., Sweden.</p> <p>Åsa Betten. Göteborg Univ., Sweden.</p>
3 - 3:20 PM	Coffee Break <i>Ballroom Foyer</i>
3:20 - 5:20 PM	<p>Concurrent Symposia</p> <p>3. <u>Chemokines</u> <i>Grand Ballroom B</i></p> <p>Joost Oppenheim and Elizabeth Kovacs (Co-chairs)</p> <p>Ji Ming Wang. NCI-FCRDC.</p> <p>Andrew M. Tager. Massachusetts Gen. Hosp.</p> <p>Ann Richmond. Vanderbilt Univ. Med. Ctr.</p> <p>Elizabeth Kovacs. Loyola Univ.</p> <p>Graham Wallace. St. Thomas' Hosp., U.K.</p> <p>Teizo Yoshimura. NCI-FCRDC.</p>
	<p>4. <u>Toll receptors</u> <i>Skyline</i></p> <p>Douglas Golenbock and Bruce Zwillig (Co-chairs)</p> <p>Douglas Golenbock. Boston Univ.</p> <p>Nancy McCartney-Francis. NIDCR / NIH.</p> <p>Holger Heine. Res. Ctr. Borstel, Germany.</p> <p>Andrei Medvedev. USUHS.</p> <p>Tianyi Wang/Bruce Zwillig. Ohio State Univ.</p> <p>Terry Means. Boston Univ. Sch. of Med.</p>
5:30 - 7 PM	<p>Marie T. Bonazinga Award <i>Grand Ballroom B</i></p> <p>History of the Award. Rudy Rosenberg. Accurate Chem. & Scientific Corp.</p> <p>Alberto Mantovani. Inst. Mario Negri, Italy.</p>
7 - 9 PM	<p>Marie T. Bonazinga Award Reception <i>Grand Ballroom A</i></p> <p>Poster Session 2 and Exhibits <i>Grand Ballroom A</i></p>
<i>Saturday, October 7</i>	
8 AM - 5 PM	Meeting Registration <i>West Tower</i>
8 - 9 AM	<p>Poster Workshop II: <u>Neutrophils</u> <i>Skyline A-C</i></p> <p>Biotech Tutorial: Stem Cell Technologies Inc. Carolyn Horrocks <i>Skyline D-E</i></p>
9AM - 12:15 PM	<p>Plenary Session III <i>Grand Ballroom B</i></p> <p><u>Shared Effector Systems between Innate and Adaptive Immunity</u></p> <p>Alan Ezekowitz (Chair)</p> <p>Alan Ezekowitz. Massachusetts Gen. Hosp.</p> <p>Michael Carroll. Basel Inst. of Immunology, Switzerland.</p> <p>Anne Nicholson-Weller. Beth Israel Deaconess Med. Ctr.</p> <p>Jeff Ravetch. Rockefeller Univ.</p> <p>Chris Biron. Brown Univ.</p> <p>Sankar Ghosh. Yale Univ. Sch. Med.</p>
10-10:15 AM	Coffee Break <i>Ballroom Foyer</i>

12:15 - 1PM	Lunch on your own	
1PM - 3PM	Concurrent Symposia	
	5. <u>Dendritic Cells</u>	<i>Grand Ballroom B</i>
	Jacques Banchereau and Shannon Turley (Co-chairs)	
	Shannon Turley. Harvard Univ.	
	Karen Brinker. Duke Univ.	
	Masakazu Takahara. Case Western Reserve Univ.	
	Jacques Banchereau. Baylor Inst. for Immunol. Res.	
	Bali Pulendran. Baylor Inst. for Immunol. Res.	
	Timothy Sellati. Univ. of Connecticut Hlth. Ctr.	
	6. <u>NK T Cells</u>	<i>Skyline</i>
	Mark Exley and Albert Bendelac (Co-chairs)	
	Albert Bendelac. Princeton Univ.	
	Robert E. Cone. Univ. of Connecticut Hlth. Ctr.	
	Koh-Hei Sonoda. Schepens Eye. Res. Inst.	
	Mark A. Exley. Beth Israel Deaconess Med. Ctr.	
	Douglas Faunce. Schepens Eye Res. Inst.	
	Runhua Hou. Dana Farber Cancer Inst.	
3 - 3:20 PM	Coffee Break	<i>Ballroom Foyer</i>
3:20 - 5:20PM	Concurrent Symposia	
	7. <u>Innate Immune Regulation of Autoimmunity</u>	<i>Grand Ballroom B</i>
	Joan Stein-Streilein and Sam Strober (Co-chairs)	
	Sam Strober. Stanford Univ.	
	Fu-Dong Shi. Scripps Res. Inst.	
	Volkan Ozenci. Huddinge Univ. Hosp., Sweden.	
	Joan Stein-Streilein. Schepens Eye Res. Inst.	
	Andrew W. Taylor. Schepens Eye Res. Inst.	
	Kenichi Namba. Schepens Eye Res. Inst.	
	8. <u>Macrophages</u>	<i>Skyline</i>
	Donna Paulnock and Sharon Wahl (Co-chairs)	
	Donna Paulnock. Univ. of Wisconsin Med. Sch.	
	Gregg Strohmeier. Boston Univ. Sch. of Med.	
	Sylvia Marecki. Boston Univ. Sch. of Med.	
	Siamon Gordon. Univ. of Oxford, U.K.	
	Ryan S. Martins. Virginia Tech Univ.	
	Jeffrey Gerber. Temple Univ. Sch. of Med.	
7PM	45 th Anniversary Banquet and Awards Ceremony	<i>Grand Ballroom</i>
	Blues Doctors	

Sunday, October 8

9AM - Noon	Plenary Session IV	<i>Grand Ballroom B</i>
	<u>The Evolution of Adaptive Immunity</u>	
	David Schatz (Chair)	
	Martin Flajnik. Univ. of Maryland at Baltimore.	
	Charles Janeway. Yale Univ. Sch. of Med.	
	Nina Bhardwaj. Rockefeller Univ.	
	David Schatz. Yale Univ. Sch. of Med.	
10-10:15 AM	Coffee Break	<i>Ballroom Foyer</i>

ANNOUNCEMENTS

Postdoctoral Fellowship

TNF- α is an important mediator released by LPS-activated rat brain neonatal microglia cells (Mayer A.M.S. et al. *Shock* 11:180, 1999). We are currently testing the hypothesis that the marine toxin domoic acid, a glutamate analog, may activate rat brain neonatal microglia (Mayer, A.M.S. *Medical Hypotheses* 54(5): 837, 2000). Our current results indicate that domoic acid, appears to increase TNF- α mRNA levels in a time-dependent manner. However we have been unable to detect immunoreactive TNF- α protein with a rat-specific ELISA for TNF- α (PharMingen, San Diego, CA). Because we suspect that immunoreactive TNF- α levels are below the detection level for commercially available ELISA we would like to establish a collaboration with a research group that is currently using highly sensitive immunoprecipitation (IP) assays for TNF- α detection.

If interested, please contact : Dr. Alejandro (Alex) Mayer, Professor, Pharmacology Department, Chicago College of Osteopathic Medicine, Midwestern University, 555 31st Street, Downers Grove, Illinois 60515. Tel: (630) 515-6951 or email at: amayer@midwestern.edu.

Postdoctoral Fellow Sponsorship

The Pharmacology Research Associate (PRAT) Program of the National Institute of General Medical Sciences (NIGMS) sponsors postdoctoral fellows conducting research at the NIH in the pharmacological sciences. Contact the PRAT Program Assistant at (301)594-3583 or prat@nigms.nih.gov to request a PRAT Fact Sheet and an application kit, or visit the NIGMS home page at www.nih.gov/nigms/about_nigms/prat.html to view the PRAT Fact Sheet.

MEETINGS

Third joint meeting of the **International Cytokine Society** and the **International Society for Interferon and Cytokine Research**
November 5-9, 2000
Amsterdam RAI International Exhibition and Congress Centre, Amsterdam
www.fbu.uu.nl/meeting2000

American College of Toxicology 21st Annual Meeting
November 12-15, 2000
Catamaran Resort Hotel, San Diego, CA
For information contact:
American College of Toxicology
9650 Rockville Pike
Bethesda, MD 20814
Tel: (301) 571-1840, FAX: (301) 571-1852
email: ekegan@actox.org.

American Society for Cell Biology 40th Annual Meeting
December 9-13, 2000
Moscone Convention Center, San Francisco
www.ascb.org/ascb

Join us in Maui Next Year

Joint Meeting

Society for Leukocyte Biology
and
International Cytokine Society

November 8-12, 2001
Outrigger Wailea Resort

Maui, Hawaii

Tel: 301-571-5703

for updates check

www.biosci.ohio-state.edu/~slb

AWARDS

The Dolf Adams Award winners for 2000 for the most cited paper and review from *JLB* from 1995-1999 are as follows:

The most cited original research paper was by C. Combadiere, S.K. Ahuja, H.L. Tiffany, and P.M. Murphy "Cloning and functional expression of CC CKR5, a human monocyte CC chemokine receptor selective for MIP-1(alpha), MIP-1(beta), and RANTES." *J. Leuk. Biol.* 60(1):147-52, 1996.

The most cited review was by Matthew J. Sweet and David Hume on "Endotoxin signal transduction in macrophages." *J. Leuk. Biol.* 60(1): 8-26, 1996.

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REMINDER

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