Leukocyte Newsletter Biology

May 1992

President's Letter

As the campaign trail for President of the United States wends its ways through the primaries of our Eastern, Central, and Western States, we hear the increasingly strident voices of candidates in both national parties that each is the "Agent for Change" choice for our country. All the presidential candidates recognize the enormous energy, both nervous and creative, that is released as a consequence of change to the status quo, and each is anxious to capitalize on the momentum fueled by that energy.

Our own recent experience with change in the Society for Leukocyte Biology has shown us just how invigorating an examination and reordering of priorities and operating procedures can actually be, despite all the attendant anxiety. I sense an excitement and renewed commitment in both the membership and the elected and appointed officers as we explore new ways of approaching old problems, and do so together. I embrace our Society Presidential tradition as an "Agent for Change" in the Society, and ask each of you to fall in step with me so that we can capture that wonderful energy and enthusiasm which flows in the wake of change. Together we can strengthen an already solid and dependable Society and infuse it with vision and imagination!

Let me share with you some of the exciting things that are going on in our Society, even as we speak:

The Program for the 1992 Annual Meeting in December is published elsewhere in this Newsletter, and Ralph Snyderman, the Program Chair, has just done a superb job. The theme of the meeting is "Leukocyte Biology: From Molecular Mechanisms to the Clinical Frontier," and features talks by a number of outstanding scientists in cytokine biology, genetic engineering, and other hot topics for leukocyte biologists. The meeting will be held in Charleston, SC, arguably one of the most gracious and beautiful cities in America. The Call for Abstracts will be mailed to each of you in mid May and the abstract submission deadline is July 31. Y'all come! The Annual Meeting is the best way I know to renew old friendships, catch up on the latest science, and develop new collaborative relationships that further our research.

At the instigation of Joost Oppenheim (as President in 1990), this year we initiated a serious attempt to reach out to our colleagues who study leukocyte biology in other countries. As you may already know, our membership is international, with greater than 20% of active members living outside the United States. We expanded membership representation on Council two years ago, and we now have a Council member from the European (Marco Baggiolini) and Canadian (Emil Skamene) communities of leukocyte biologists. We've temporarily (pending approval of membership) replaced the nonfunctioning IURES with an International Relations Councilor (Monte Meltzer), whose principal job is to identify affinity groups in other countries who may want to affiliate with us, and facilitate the representation and visibility of our overseas members in our formal and informal activities. The Tokyo Corresponding Office of the Society for Leukocyte Biology opened its doors on 16 March 1992 under the leadership of Takeshi Yoshida, and we look forward to welcoming our Japanese colleagues into the Society. The Tokyo Corresponding Office will be our working model for similar offices planned in other countries. As Joost said in his 1990 President's Letter, "...leukocytes know no national boundaries." Neither does, nor should, the Society for Leukocyte Biology.

Carl Stewart, as Editor-in-Chief of our Journal, has shepherded in a new era of enhanced Journal activity and visibility. We now publish the Journal ourselves, with the able assistance of Lewis Gidez and his staff at FASEB Management. You have by now seen several issues of the "new look," and it is impressive! Carl has instituted many new creative ideas, including the incredible offer of free color illustration to all authors. Among the changes in format will be a new section for brief communications that do not require rapid publication and a new MiniReview of hot topics in leukocyte biology or other areas that impact on our science. You may have noticed the position advertisements in the Journal and elsewhere: the Publications Committee is seeking a MiniReview Editor. Interested? Send your application and CV to Luigi Varesio, Chair, Publications Committee. Speaking of the Publications Committee, its current members have a full plate: not only are we seeking a MiniReview Editor, but also an Editor-in-Chief, and eventually a Monograph Editor (the creative idea of Dolph Adams, immediate past-president). Watch for the description and advertisement this summer. The Publications Committee has been infected with the same energizing virus as the rest of us, and is formulating, for the first time in 10 years, publication policies for each of our publications for approval by Council and the membership.

We have a new Education Committee with a new mission: the creation of a Wet Workshop on New Techniques in Leukocyte Biology. The committee members are formulating a curriculum and identifying sites in which to hold the laboratory sessions, and we hope to field a week-long workshop by next year. Elizabeth Kovaks has also proposed a summer internship program for undergraduates, and Council will be working with the Education Committee to formulate such a program in the near future.

1993 will be a banner year for Society meetings: we have been asked to meet with American Association of Immunologists in the spring as a Guest Society in their first stand-alone meeting since joining FASEB. Bruce Zwilling will be our Program Chair to ensure representation and topics of interest to leukocyte biologists on the program. 1993 is also the year for the International Meeting of the Society for Leukocyte Biology. The site is Sidney, Australia, the date is early December, and the Program is magnificent. Richard Stanley is the Program Chair. He has arranged for a joint meeting with the Australian Society for Immunology with a theme focused on regulation of hematopoiesis. It is summer in Australia in December, so both the topic and the venue will be hot! Plan now to attend: you're not going to want to miss this one!

These are but a few highlights of the frenetic activity that is ongoing in the Society today. The listing of Committees is on page 3 of this Newsletter. If you feel even the slightest urge to get involved, call me, a friend on Council, or the Chair of a Committee. There is plenty to do, and I am personally committed to finding an active role for each of you. What is a society if not a group of friends that band together for mutual pleasure and productive scientific interchange? I look forward to talking with you and seeing you at the Annual Meeting. Have a good year.

Sincerely,

Carol A. Nacy, Ph.D.

President, Society for Leukocyte Biology

STANDING COMMITTEES:

Awards and Honors:

Dolph Adams, Chair 1992 (immediate Past-President, 1991)

Joost Oppenhiem (President 1990)

Steven Douglas (President 1989)

(Composed of three Past-Presidents, immediate Past-President as Chair)

Corporate Resources:

Dennis Schrier, Chair (1994)

Joseph Chang

Sylvia Hoffstein

Bruce Jaffe

Gloria Koo

Mary Treuhaft

William J. Johnson

Christine Czarniecki

Finance

Stephen Haskill (Chair)

Dennis Schrier, Chair Corporate Resources Committee

Alan Kaplan, President-Elect

(Composed of Treasurer as Chair, Chair of Corporate Resources Committee, and President-Elect.)

Membership Committee:

Lawrence Schook (1992)

Peter Bugelski (1993)

Donna Paulnock (1994)

Debra Laskin (ex officio Council member)

(Members appointed for a 3 yr term; chair committee in third year; one Councilor as Ex-officio member)

International Membership, ad hoc:

Takeshi Yoshida, Japan, Tokyo Corresponding Office

Nominating Committee:

Peter Ralph, Chair (1992)

George Cianciolo (1993)

Margaret Kripke (1994)

Dolph Adams (Ex-officio member from Council) (Members appointed for 3 yr term, chair committee in 3rd year, no Council Member a voting committee member; immediate Past-President is non-voting member)

Publications Committee:

Luigi Varesio (1992)

Gideon Strassman (1993)

Robert North (1994)

Toby Eisenstein (1995)

Carleton Stewart (Ex-officio, Editor-in-Chief JLB)

Elizabeth Kovaks (Ex-officio member from Council) (Members appointed for 4 yr term; Editor-in-Chief of Journal is Ex-officio member; one representative from Council is Ex-officio member)

Ad Hoc Members, 1992:

Seymour Klebanoff [retained one additional yr beyond appointment]

Robert Schreiber

Stephanie Vogel

Richard Kornbluth

John Ortaldo

Joost Oppenheim

(Ad Hoc members are appointed for 1 yr to facilitate structure and organization of new Society initiatives in Publications, i.e. the Monograph Series)

Rules and Committee:

Richard Kornbluth (1992)

Stephen Chapes (1993)

Karen Elkins (1994)

(Members appointed for 3 yr term)

Ex-officio Members:

Carol Nacy, President

Alan Kaplan, President-Elect

Scientific Program Committee:

Ralph Snyderman (1992)

E. Richard Stanley (1993)

Carl Nathan (1994)

[to be elected, 1995]

COUNCIL MEETING SUMMARY 6 MARCH 1992

Council met at the FASEB Campus in Bethesda, Maryland with President Carol Nacy presiding. In the discussion of the Society's activities since January 1, the Chair reported that the phased transfer of Society activities to FASEB offices has been completed. The need to define what the Society is and how it will operate required a revision of the Handbook. This was based on the Long Range Planning Committee's assessment of the duties of each job and the changes in the scope of their duties in relation to the new management team.

MANAGEMENT OF THE SOCIETY

FASEB Executive Director, Michael Jackson, described this transition as a difficult and challenging one but one that it is well along in establishing an understanding of everyone's responsibilities. FASEB instituted a Secretariat, published a newsletter, reinstated the Society's registration and under took the legal steps necessary to formally change the name of the Society from the Reticuloendothelial Society to the Society for Leukocyte Biology, conducted a review of the governance documents and compiled the handbook. Dr. Jackson recommended that the Bylaws be referred to the Rules Committee for a thorough review and development of recommendations to bring the Bylaws in accordance with the new structure of the Society. Other activities by FASEB included bringing the Society's funds together in one place, establishing a financial management system with the provision for accrual accounting, and reporting regularly to the Treasurer of the Society. FASEB put together an interim financial plan for a budgetdevelopment process, established a membership management system, validated Society ownership of the Journal, registered the title of the Journal in the Society's name for unquestionable ownership, planned and implemented a process for publication of the Journal, reviewed thoroughly its design from the cover to the page format and the processing of the manuscripts, initiated planning for the '92 meeting in Charleston, and undertook some preliminary date-gathering for the '93 proposed meeting in Australia.

MEETINGS

The Program for the 1992 meeting in Charleston, South Carolina, December 2-5 was approved by Council with minor modifications to the schedule. Marcia Sternburg, FASEB Meetings Manager, has made arrangements with US Air and Delta Airlines for special fares.

Dr. Nacy charged the Council to help fund-raise for the December meeting. Steps in solicitations will include a grant from ONR and potential corporate sponsors. Dennis Schrier, Chair of the Corporate Resources Committee, will provide a list of corporations solicited in the past. Dr. Jackson reported that next year's Calendar will include something to trigger the Corporate Resources Committee. Council estimated \$40,000 for speaker travel and will save \$2400 in having a continental breakfast for three days rather than four. Preceding the served dinner will be a reception and a cash bar. Attendees will receive a canvas bag, the hallmark of the Society. CME credits will be offered. A \$25 fee for registration cancellation is still in effect.

Council approved the 1993 meeting in Australia. Richard Stanley, Chair of the Scientific Programs Committee, expects to put together a terrific scientific program. Council settled on early December for the meeting. Fund-raising efforts, with hopes of involving different countries, will provide airfares for a minimum of twenty-five students. The meeting will be a joint meeting of the Society for Leukocyte Biology and the Australian Society for Immunology.

MEMBERSHIP

Due to the change-over of management, dues notices were mailed in late November. Presently, two-thirds of the full members have reported. Debbie Stoutamire receives new membership applications then sends them to the Nominating Committee for approval. If she gets no response from the Committee in ten days, the applicants are automatically approved. FASEB will put together a package proposal on memberhsip recruitment and, in conjunction with the meeting, a Placement Service to expand student membership. To expand internationally, Council is establishing a corresponding office in Japan. Concurrently, a Tokyo woman scientist is on the slate of nominations for Society Councilor. The Japanese office, a model for other countries, will get new members and new journal subscribers, offer new scientific input, and increase fund-raising capability of the Society. Council approved the slate of nominees for Society offices and requested that the Nominating Committee propose an additional name or names for the position of Program Committee Chair. Council will approve committee nominees either by FAX or at the next Council meeting.

PUBLICATIONS

Carleton Stewart reported that the *Journal* made a smooth transition to FASEB. Since Society-ownership of the *Journal*, significant changes have been made. The median time of the publication decreased from eight months to slightly more than five months and will decrease more; the cover design was changed; and the text pages were redesigned, yielding thirteen to fifteen percent more characters per page. Abstracts will be printed six to a page with no splitting of text.

Linda Acuff, FASEB Marketing Manager, placed the *Journal* of Leukocyte Biology in an advertising network called AdNet which allows for a better position of the *Journal* to be viewed by potential advertisers; it provides advertisers an opportunity to earn frequency-rate discounts; it permits advertisers to focus a new product-

advertisement for just the audience of the *Journal of Leukocyte Biology* to see. Ms. Acuff will get back to Council with an overall marketing strategy directed to improving membership and subscriptions to the *Journal*.

OTHER

Bruce Zwilling was elected to be the Council representative to the Board of Directors of the ATTC. Council was asked to consider for future discussion having someone on the FASEB Campus, at least part time, as an Executive Secretary to work on coordinating the *Journal* and the Society membership issues. Debbie Stoutamire will send a calendar out to the Council to determine when in June the majority will be available for the next Council meeting.

1992 OFFICERS AND COUNCIL

Carol A. Nacy, President (1992) Alan M. Kaplan, President-Elect, (1992) Dennis E. Van Epps, Secretary Stephen Haskill, Treasurer Carleton C. Stewart, Editor-in-Chief Elizabeth Kovacs (1995) Robert J. Bonney (1995)

Emil Skamene (1994) Marco Baggiolini (1994) Alvin Volkman (1993) Debra L. Laskin (1993) Thomas A. Hamilton (1992) Bruce S. Zwilling (1992) Dolph O. Adams, Past-President

NOMINATIONS

The following slate of nominees has been chosen by the Nomination Committee, Peter Ralph, Chair, George Cianciolo, Margaret Kripke, Dolph Adams:

President-Elect Emil Skamene Bob Schreiber Scientific Program Josh Fidler John Tew

Treasurer Stephen Haskill Councilor
Richard Kornbluth
Larry Schook
Reiko Nakamura
David Liu
Joan Stein-Streilein
Tom Hamilton

The Society has been in transition with assumption of ownership of the *Journal* and transfer of the business office to FASEB. The Nominating Committee and Council is listing a single candidate for Treasurer to allow Stephen Haskill to continue his excellent management of this difficult phase in the Society's finances.

Ballots which will include names of nominees, as well as their biographies, will be mailed to the membership in June. Additional names may be added to the ballot upon petition of at least 10 Society members in good standing. Petitions should be directed to: The Society for Leukocyte Biology Executive Office, 9650 Rockville Pike, Bethesda, MD 20814, and must be received before May 29, 1992.

FASEB Management Staff

Deborah Stoutamire, Business Services Coordinator (301) 530-7120

John Rice, Comptroller (301) 530-7080

Marcia Sternburg, Meetings Manager (301) 530-7013

Lewis Gidez, Publications Director (301) 530-7100

NEW MEMBERS 1991—1992

Talia Hahn, PhD Camille N. Abboud Christine Czarniecki, PhD Rochester, NY So San Francisco, CA Shreveport, LA Khalid S. Abukhaber** Bruce H. Davis Mark P. Hayes Madison, WI Ft. Worth, TX Bethesda, MD Louis E. Adams Gerald W. DeVries, PhD Nancy Hogg Cincinnati, OH Irvine, CA Bethesda, MD Stig B. Holmberg, MD Paul A. Algate** David F. Dean** Greenville, NC Knoxville, TN Bethesda, MD Janine A. Andre-Schwartz John A. D'Orazio Neil E. Hubbard Boston, MA Miami, FL Davis, CA Kei R. Aoki, PhD Douglas Drevets, MD Thomas B. Issekutz Irvine, CA Denver, CO Davis, CA Mark A. L. Atkinson, DPhil Magne K. Fagerhol Martin Jadus Tyler, TX Denver, CO Long Beach, CA Paul E. Baker Adam H. R. Finn** Pierre Jolicoeur, PhD** Seattle, WA Denver, CO Long Beach, CA Roger L. Berkow Donald J. Fretland Zehra Kaymakcalan Birmingham, AL Skokie, IL El Cerrito, CA Frank Blecha, PhD Jonathan S. Friedland** Michael A. Kerr Manhattan, KS Skokie, IL El Cerrito, CA Cord Brakebusch** Richard L. Friedman Joon W. Kim Manhattan, KS Tucson, AZ Chicago, IL David K. Burnham Richard L. Gamelli Takashi Kei Kishimoto Stillwater, OK Maywood, IL Ridgefield, CT Wayne Carter** Beth Ann Garniwagner** Douglas B. Kuhns, PhD W. Lafayette, IN Dallas, TX Frederick, MD John Carucci** Jorge Raul Geffner Robert A. Kurt** Brooklyn, NY Dallas, TX Tucson, AZ Priscilla B. Chen Haim Ginsburg, PhD Genevieve Lemaire Buffalo, NY Dallas, TX Tucson, AZ Carol G. Chitko-McKown** D. Neil Granger, PhD Bruce L. Levine** Seattle, WA Shreveport, LA Baltimore, MD Michael D. Grant** Mitchell D. Cohen, PhD D. Betty Lew, MD Tuxedo, NY Shreveport, LA Memphis, TN Paul P. Cook, MD Lloyd S. Gray, MD Thomas Lysz, PhD Greenville, NC Charlottesville, VA Newark, NJ George W. Cox, PhD Matthew Grisham, PhD Ayako Mabuchi Frederick, MD Shreveport, LA Newark, NJ

Michael C. Madden, PhD Cahpel Hill, NC	Angelo J. Pinto, PhD Philadelphia, PA	T. Robin Simmons, DVM** Charleston, SC	Gino Vairo** Houston, TX	
Gabriel A. Marquis Chapel Hill, NC	Christine M. Posavad** Philadelphia, PA	Harry Hank Simms, MD Providence, RI	Jo Van Damme Houston, TX	
Marco Aurelio Martins Chapel Hill, NC	Patrice-E Poubelle, MD Philadelphia, PA	Glennda M. Smithson Haughton, LA	Philippe Van Der Auwera Houston, TX	
Carol D. McClure Riverside, CA	Mary C. Riedy** Buffalo, NY	Jana Stankova Haughton, LA	Per Venge Houston, TX	
J. Philip McCoy, PhD Camden, NJ	Yvan P. Rochon, B. Sc** Buffalo, NY	Norman C. Staub Stinson Beach, CA	Nabila M. Wassef Washington, DC	
James A. McCubrey, PhD Greenville, NC	David A. Rodenberg, MD Cincinnati, OH	Ronald A. Stiller Pittsburgh, PA	Steven L. Weinstein** San Francisco, CA	
Johanne Melancon-Kaplan, PhD King of Prussia, PA	Marek Rola-Pleszczynski Cincinnati, OH	S. C. Stocks** Pittsburgh, PA	Cathy L. White-Owen, MD** Cincinnati, OH	
Anne Moller-Larsen King of Prussia, PA	Hugh Rosen, MD, PhD Rahway, NJ	Dennis Stuehr, PhD Cleveland, OH	Moira K. B. Whyte** Cincinnati, OH	
Faustino Mollinedo King of Prussia, PA	Gordon Ross, PhD Louisville, KY	Gail W. Sullivan Charlottesville, VA	Alice L. Witsell** Urbana, IL	
Kathryn J. Moore** Lexington, KY	Haruhiko Sakamoto, MD Louisville, KY	Kiyoshi Takahashi Charlottesville, VA	R. Michael Wolcott, PhD Shreveport, LA	
P. S. Murali, PhD Milwaukee, WI	Alan R. Salkind Jackson, MS	Henkie Tan Loma Linda, CA	Richard C. Woodman, MD Shreveport, LA	
Padmakumar Narayanan** W. Lafayette, IN	Neal L. Schiller, PhD Riverside, CA	Gerald R. Taylor, PhD Houston, TX	Clifford D. Wright, PhD Ann Arbor, MI	
Christopher Nielson, MD Boise, ID	Denis Schrier, PhD Ann Arbor, MI	Jose M. Tellado Houston, TX	Todd A. Wyatt** Chapel Hill, NC	
Naohito Ohno, PhD Boise, ID	John T. Schroeder** Greenville, NC	Guy Tremblay, M. Sc** Houston, TX	David Wyler Boston, MA	
Michel M. Pepin Boise, ID	Martin G. Schwacha, MS** Albany, NY	Michael A. Trush, PhD Baltimore, MD	Kozo Yokomuro Boston, MA	
Theresa Peterson Boise, ID	Smita A. Sharma Nashville, TN	Stanley D. Tucker, PhD Houston, TX	Andrew D. Yurochko, PhD** Chapel Hill, NC	

^{*}Corporate Member
**Student Member

Annual Meeting

29th ANNUAL MEETING OF THE SOCIETY FOR LEUKOCYTE BIOLOGY A RETICULOENDOTHELIAL SOCIETY

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	Friday, December 4 8:30 a.m 12:00 p.m.	Plenary Session II: Signal
1:30 p.m 3:00 p.m.	Poster Session I	•	Transduction in Inflammatory
3:00 p.m 5:00 p.m.	Symposium I: Cellular Adhesion Michael Gimbrone, Chair		Cells Ralph Snyderman, Chair
	Symposium II: Wound Healing	12:00 p.m 12:30 p.m.	Society Business Meeting
	and Angiogenesis Judah Folkman, Chair		Poster Session III Symposium VII: Cytokine
	Symposium III: Antigen	4.00 p.m 0.00 p.m.	Regulation of Antimicrobial
	Presentation by Macrophages		Activities
6:00 p.m 7:00 p.m.	David Beller, Chair President's Reception		Carol A Nacy, Chair Symposium VIII: IL-8 and Other
			Chemotactic Cytokines
7:00 p.m 8:00 p.m.			
	Immunopathogenic Mechanisms of HIV Infections		of the Activated Macrophage
Thursday, December 3		7:30 p.m.	Banquet and Awards
8:30 a.m 12:00 p.m.	Plenary Session I: Genetic		
	Engineering		
		8:30 a.m 12:00 p.m.	Plenary Session III: Cytokines and
3:30 p.m 5:30 p.m.	• •	1:00 p.m 3:00 p.m.	
	Symposium V: Cytokine	I I	Growth Factor Receptors
	Antagonists		David Goeddel, Chair
			Symposium XI: Clinical
	Immune Reactions		William Peters, Chair
	Anita Roberts, Chair		Symposium XII: Cytotoxic
0.00			
6:00 p.m 8:00 p.m.			John Hibbs, Chair
	imara compensions	4:00 p.m 6:00 p.m.	Club Meeting
		2	(HIV and Myeloid Cells, Cytokines
* * * * * * * * * * * * * * * * * * * *	Plenary Session I: Genetic Engineering Thomas Caskey, Chair Poster Session II Symposium IV: The Oxidative Burst Robert Clark, Chair Symposium V: Cytokine Antagonists Charles Dinarello, Chair Symposium VI: Cytokines/Growth Factors Which Downregulate Immune Reactions	7:30 p.m. Saturday, December 5 8:30 a.m 12:00 p.m. 1:00 p.m 3:00 p.m.	Marco Baggiolini, Chair Symposium IX: Molecular Biolog of the Activated Macrophage Stephen Russell, Chair Banquet and Awards Plenary Session III: Cytokines and Growth Factors David Golde, Chair Symposium X: Cytokine and Growth Factor Receptors David Goeddel, Chair Symposium XI: Clinical Applications of Growth Factor Research William Peters, Chair Symposium XII: Cytotoxic Effector Molecules of Phagocyte John Hibbs, Chair

CHARLESTON, SOUTH CAROLINA: THE SITE

The intimate charm and beauty of Charleston is sure to capture your heart. Here you'll find centuries-old cobblestone streets lined with America's most beautifully preserved antebellum mansions, graceful piazzas, and rows of delightful antique shops, each offering 300 years of America behind their doors. World famous restaurants abound, and are as varied as the cultures that meld this old city: charm is their common denominator. Tour in a horse-drawn carriage, or on foot, in this wonderful, walkable town.

The Omni Hotel at Charleston Place, site of the 29th Annual Meeting of the Society for Leukocyte Biology, has perfectly captured all the elegance and grandeur of 18th century Charleston. It is a haven from the very day, here amidst years of beautifully preserved history. The magnificient lobby is filled with Italian marble, original antiques, and Venetian glass chandeliers. The traditions of Southern hospitality are everywhere. For the athletically-minded, there is a complete fitness center right on the premises with state-of-the-art equipment and an indoor pool. For those with less vigorous lifestyles, the Shops at Charleston Place offer a unique shopping experience, with beautiful marbled galleries lined with the finest fashion and specialty boutiques.

If history is your passion, visit Charles Towne Landing, site of the original settlement; the Charleston Museum, America's oldest; the world's largest Naval and Maritime museum at Patriots Point, home of the aircraft carrier, Yorktown; famous Fort Sumter, where the Civil War began; or drive to Fort Moultrie, scene of the first decisive American victory in the Revolution. History lives in Charleston.





THE MACROPHAGE

EUROPEAN CONFERENCE ON BASIC AND CLINICAL ASPECTS OF MACROPHAGE BIOLOGY

Regensburg (Germany) September 20 to 22, 1992

Organized under the Patronage of the Upper Rhine Universities

The scientific program will be focused on the following main topics:

Macrophages and Inflammation - Anti-Cytokine Strategies
Macrophage Ontogeny - Site-Specific Heterogeneity and Differentiation
Macrophage Interaction with Other Cell Systems - Lymphocytes, Stem Cells, Endothelium, Tumor Cells
Biochemistry of Macrophage Activation and Cytotoxicity
Macrophages and Infection - Viruses, Bacteria and Parasites

P. Baeuerle (Munich)

Invited Lectures by:

B. Beutler (Dallas)
W. Fibbe (Leiden)
T. Graf (Heidelberg)
N. Hogg (London)
D. Urdal (Seattle)

(Leiden)I. Fraser (Oxford)Heidelberg)Y.R. Mahida (Boston)(London)J. Hibbs (Salt Lake City)(Seattle)G. Schmitz (Regensburg)

D.C. Morrison (Kansas City) V. ter Meulen (Würzburg)

Scientific Committee: R. Andreesen (Regensburg); J. Ciesielski-Treska (Strasbourg); J. van Damme (Leuven); J. Bartholeyns (Paris); K. Bendtzen (Copenhagen); E. Ferber (Freiburg); G. Figdor (Amsterdam); M. Freudenberg (Freiburg); C. Galanos (Freiburg); G. Garotta (Basel); D. Gemsa (Marburg); S. Gordon (Oxford); R. Landmann (Basel); J. Lazdins (Basel); H.G. Leser (Regensburg); D. Männel (Regensburg); A. Mantovani (Milano); J. Mauel (Lausanne); M. Parant (Paris); P. Poindron (Strasbourg); H.J. Radzun (Kiel); C. Sorg (Münster).

Abstracts deadline is July 10, 1992.

Registration and further information:

Professor Dr. Reinhard Andreesen Klinik und Poliklinik für Innere Medizin I Universität Regensburg Franz-Josef-Strauß Allee 11 D-8400 Regensburg ph. +49-941-9447110 fax +49-941-9447111

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