In Memory of Bob Stout

A message from SLB president Jill Suttles

It is with tremendous sadness that I report that SLB councilor Robert (Bob) Stout, Ph.D., passed away on May 25, 2012 at the University of Washington Medical Center Hospital in Seattle. Bob was a dedicated and creative scientist, a loyal supporter of the SLB, and an outstanding teacher and mentor. He also was, as many of you are aware, my husband of nearly 29 years and my collaborator in the passionate research of macrophage behavior. At the time of his death he was a Professor of Microbiology and Immunology at the University of Louisville School of Medicine. Bob was born in Detroit, Michigan on August 20, 1945. He received a bachelor’s degree in Zoology and Chemistry from the University of Michigan where he continued as a doctoral student in the laboratory of Dr. Arthur G. Johnson and was awarded a Ph.D. in 1970. Following a career path that focused on immunological research, Bob was a postdoctoral fellow at Harvard University Medical School under the mentorship of Dr. Albert Coons, then joined the laboratory of Drs. Len and Lee Herzenberg at Stanford University where he was provided the opportunity to be amongst the first researchers to pioneer the use flow cytometry as an analytical tool. Following his postdoctoral years, Bob was a member of the faculty of Brandeis University and East Tennessee State University’s Quillen College of Medicine before joining the faculty of the University of Louisville in 1999 where he served as chair of the Department of Microbiology and Immunology through 2011.

Bob had a long and productive career and made significant discoveries regarding the plasticity of macrophage function. Well before its current popularity and acceptance, Bob promoted the concept that macrophage behavior can be altered by signals in the tissue microenvironment and that the diversity of macrophage function is not due to a multiplicity of subsets with fixed function. His work has relevance to autoimmune disease, aging and cancer and was funded by the NIH and by the Susan G. Komen for the Cure Foundation. Bob also had a strong record of service to his profession as a member of various peer review boards, as a dedicated reviewer for many journals, as a member of the Journal of Leukocyte Biology editorial board, and through his role as an SLB councilor. He was commended for his efforts in building the department of Microbiology and Immunology at the University of Louisville, which he accomplished, in part by the recruitment and support of an outstanding group of faculty of which he was very proud. Bob considered teaching and mentoring of students one of the most rewarding and enjoyable aspects of his professional life. Former students have commented on the strong positive influence Bob’s role as teacher and mentor made in their lives. In turn, Bob believed that his interactions with students enriched his life and he was honored to play a role in their education and careers.

Bob was a humble, gentle, and generous person. He loved to read, work in his bountiful garden, and in his healthier days he enjoyed running and walking in our rural Kentucky neighborhood. Bob was diagnosed with myelofibrosis in 2007. He was exceptionally brave in his long and hard battle against this disease which transitioned to acute myeloid leukemia in January 2012. Throughout it all, he maintained his sense of humor and his positive attitude. Bob is survived by his much-loved sister Gayle Hunter and her husband Jay, of Ellicott City, MD, his brother Ronald Stout of Troy, MI and his uncle Robert Karafa of Denver, CO., as well as a large group of loving nieces and nephews that he admired. He will be missed by his family, friends, former students and colleagues. I will miss him every moment of every day. My work with the SLB and my continued research in leukocyte biology will be in honor of his memory.

Bob Stout
The exciting upcoming 2012 SLB annual meeting in Maui is only 3 months away! If you haven’t submitted an abstract, don’t panic, the late-breaking abstract deadline will be open from July 23 till August 13!

In this summer issue of i-SLB you will find an update of the upcoming annual meeting from the organizers Xiaoxia and Tom. Also, information about the Grant Writing Workshop organized by the Professional Development Committee (read Julian’s notes), and the Women and Diversity (W&D) Workshop organized by the W&D committee (read Julia’s notes). This issue also includes the highlights of a very successful meeting which was sponsored by your society “The Neutrophil in Immunity Symposium”, whether or not you had the opportunity to attend the symposium in Quebec, Canada, don’t miss reading Maria Fernandes’ description of the meeting!

Election for one treasurer position and two councilor positions are coming in your society. Your participation is very important so please take some time to read the different applicants curriculum vitae included in this issue, which will help you to know the applicants a little more. For the treasurer position the two applicants are: Dr. Mary C. Dinauera (Washington University School of Medicine), and Dr. Robert A. Clark (University of Texas Health Science Center). For the two councilor positions the applicants are: Drs. Christine A. Biron (Brown University), Elizabeth A. Fitzpatrick (University of Tennessee), Julián G. Cambronero (Wright State University), and Nicholas W. Lukacs (University of Michigan Medical School).

Women And Diversity Session Highlights

The Women and Diversity (W&D) group is planning an exciting session for the 2012 SLB meeting in Hawaii. We have invited Dr. Jenny Ting, Kenan Professor of Microbiology, School of Medicine at University of North Carolina, Chapel Hill, NC. to give the keynote lecture. This will be followed by W&D Workshop which will be paneled by Drs. Ayala, Caspi, Montaner and Ting. Many of you have expressed interest in the following topics: “minority leadership”, “network/mentoring”, and “promotions & negotiations”. You ask and we execute so come and join us in this exciting session and bring all the questions that you might have for our panelists!

The committee is also excited about announcing the winner of the “W&D Paper of the Year Award” at the 2012 meeting. This award is to acknowledge an important publication by a woman or minority (underrepresented) scientist that has significantly advanced their field. Applicants for the award must fit the “W&D” category and be a member of the SLB. To apply for the W&D “Paper of the Year Award” please submit a statement indicating how you fit the “W&D” category, a short CV and the full reference for one selected article published within the last 5 years with calculated citations per year according to the Web of Science database. Self-citations have to be excluded. The citation report must also be included with the application. The applicant may be either first author, senior author, or corresponding author. “Contributed equally” first or senior authorship is eligible. Equal contribution will be given to first, senior and corresponding author. In order to receive this award, the applicant must register for the meeting.

The application for the W&D Paper of the Year award should be submitted directly to Julia Kzhyshkowska per...
The SLB Council has created a number of the submitted abstracts. And, as promised, shorter presentations to be selected from one 25 minute detailed talk and four 15 minute programs in addition to the invited speakers. Indeed, each concurrent session will include submissions that promise an exciting meeting. The abstract deadline is past and we have an update on Maui 2012!

**Society Meetings Sponsored By SLB**

**Highlights of the Neutrophil in Immunity Symposium!**

The Neutrophil in Immunity Symposium held in Québec City between the 9th and 12th June was a great success. It brought together 260 participants from 34 countries. High-quality science was presented both orally and during the poster session. The symposium began with an impressive presentation by Dr. Cerutti on the unanticipated role of neutrophils in aiding splenic B cells in antibody production and diversification. Another role for neutrophils in adaptive immunity presented at the symposium was their suppressive effect on T cells. A subpopulation of neutrophils was identified that can limit influenza induced pathology. This work underscores the heterogeneity of neutrophil phenotypes that was also addressed in another presentation on neutrophil migration to sites of infection and sterile injury in a liver model of inflammation.

Neutrophils recruited to the vasculature during infection adhered to platelets and released Neutrophil Extracellular Traps (NETs) whereas during sterile inflammation NETs were not formed. Among the other presentations on NETs, the role of these extracellular structures in systemic autoimmunity as well as their anti-fungal activity was also addressed. Neutrophils of patients with systemic lupus erythematosus contribute to the chronic activation of plasmacytoid dendritic cells by continuously releasing NETs and immunogenic self-DNA complexes. With regards to other pathophysiological functions of neutrophils, their unexpected role in systemic anaphylaxis, an allergic reaction usually associated with mast cells, was presented and shown to depend on their IgG receptors. Additional exciting topics addressed at the meeting included different aspects of neutrophil physiology such as granule subsets, vesicle dynamics and secretion, cytokine production as well as oxidant production, neutrophil apoptosis and cross-talk with other leukocytes such as dendritic cells. Promising results of a clinical trial involving the use of donor granulocytes in the treatment of septic shock patients were also the subject of one of the talks. For more detailed information on the scientific content of the symposium, don’t miss out on the proceedings that will be published in the Journal of Leukocyte Biology next year. Also, a consensus was obtained from all meeting participants during the last session of the symposium, which represented the great majority of the registrants, to hold a neutrophil symposium every two years.

The local organizing committee is already planning the next Neutrophil in Immunity meeting and is looking forward to reuniting the enthusiastic neutrophil community for another symposium marked by excellent science!

*Maria Fernandes, Co-Chair*

**Update on Maui 2012!** Xiaoxia Li, Tom Hamilton, SLB 2012 Meeting Co-Chairs

The abstract deadline is past and we have had a strong turnout with a broad selection of submissions that promise an exciting meeting program in addition to the invited speakers. Indeed, each concurrent session will include one 25 minute detailed talk and four 15 minute shorter presentations to be selected from the submitted abstracts. And, as promised, the SLB Council has created a number of special sessions that deal with science career issues and include “Street Smarts of Science: A Survival Guide for Graduate Students” (Elizabeth J. Kovacs), How to Write Your First Grant Application (Julian Cambronero), and a session sponsored by the Women and Diversity Committee. Of course there will also be the sessions for award presentations from Charles Dinarello (Bonzinga Awardee) as well as the presidential finalists and the Dolph Adams and Jeanette Thorbecke awards. Finally we will have 4 separate poster sessions to allow lots of time for poster viewing and networking. But don’t despair if you haven’t already submitted and abstract — the late-breaking abstract submission site will be open from 7/23-8/13!
CONCURRENT SESSIONS
1. Host–Pathogen Interactions
2. B lymphocytes in Immune Regulation and Autoimmunity
3. Cytokine Signaling and Inflammation
4. Dendritic Cell and Macrophage Regulation
5. Treg and Th17 Cells in Host Defense and Autoimmunity
6. T, NK, NKT cells
7. Micro RNA and Post–transcriptional Regulation in Inflammatory Response
8. Neuroimmunology

PLENARY SESSIONS
1. Innate Immune Recognition Mechanisms and Host Defense
2. Plenary II: Inflammasomes
3. Plenary III: Myeloid Cell Populations in Cancer: The Link with Inflammation
4. Plenary IV: Epithelium: The Interplay Between Innate and Th2 Immunity
5. Plenary V: Metabolism in Immune Regulation

IMPORTANT DATES
- Registration will open March 2012. Early bird rates until July 2nd
- Abstract submission will open March 2012. Submission deadline July 2nd
- Hotel reservations now being accepted. Reserve by Sept. 26th
- Award applications opening March 2012
- Online registration ends Oct. 17th

Visit www.leukocytebiology.org for more information
SLB Elections

Treasurer Position Candidates

Mary C. Dinauer, MD, PhD, Professor of Pediatrics and of Pathology and Immunology, Washington University School of Medicine


Professional Experience: Harvard Medical School: Instructor in Pediatrics (1988-1990), Assistant Professor (1990-1991); Indiana University School of Medicine: Associate Professor of Pediatrics (1991-1997), Associate Professor of Medical and Molecular Genetics (1992-1997), Professor of Pediatrics, and Medical and Molecular Genetics (1997-2010), Nora Letzter Professor of Pediatrics (1998-2010), Director, Herman B Wells Center for Pediatric Research (2000-2008), Professor of Microbiology/Immunology (2002-2010); Washington University School of Medicine: Fred M. Saigh Distinguished Chair in Pediatric Research (2010-present), Scientific Director, Children's Discovery Institute (2010-present), Professor of Pediatrics and of Pathology and Immunology (2010-present)

Honors and Awards: Medical Scientist Training Program (1975-1981); Medical Doctorate, with Honors, University of Chicago (1981); Alpha Omega Alpha (1981); Mary Roberts Scott Memorial Prize, University of Chicago (1981); American Medical Women's Association Award, University of Chicago (1981); JV Satterfield Arthritis Investigator, Arthritis Foundation (1990-1993); Basil O'Connor Starter Scholar Research Award, March of Dimes (1990-1992); Excellence in Pediatrics Research Award, American Academy of Pediatrics (1995); American Society of Clinical Investigation (1995); Association of American Physicians (2008)


Research interests: Our research focuses on the leukocyte NADPH oxidase and the role of oxidant production by neutrophils and macrophages in microbial killing, the inflammatory response and regulation of innate and adaptive immunity. Other studies focus on the development of gene replacement therapy for X-linked CGD, utilizing viral vectors to introduce the corrective gene into murine and human hematopoietic stem cells, and novel conditioning strategies for marrow transplantation. These questions are being studied using a combination of molecular and cell biology approaches and animal models, including mice generated by gene targeting.

Robert A. Clark, MD, Professor of Medicine / Infectious Diseases, Assistant Vice President for Clinical Research, University of Texas Health Science Center at San Antonio (UTHSCSA).

Education: AB (magna cum laude), Syracuse University, 1963; MD (Alpha Omega Alpha), Columbia University, College of Physicians and Surgeons, 1967; Intern in
Professional Experience: Assistant VP for Clinical Research, 2006–present; Director, Institute for Integration of Medicine & Science (NIH Clinical and Translational Science Award academic home), 2006–present; Professor and Chair, Department of Medicine and Dan F. Parman Distinguished Chair in Medicine, UTHSCSA, 1994-2006; Professor of Medicine, Associate Chair for Academic Programs, and Director of Infectious Diseases, University of Iowa, 1983-94; Professor and Chief of Infectious Diseases, Department of Medicine, Boston University, 1977-83; Assistant and Associate Professor of Medicine, University of Washington, 1973-77.

Honors and Awards: MERIT Award from NIH (Neutrophil Activation of the Oxidative Burst), 1990–2000; Medical Investigator Research Career Award, Department of Veterans Affairs, 1985-91; Research Career Development Award, NIH, 1975–81; American Society for Clinical Investigation, 1981; Association of American Physicians, 1985; Fellow, American Association for the Advancement of Science, 1993; Chair, Gordon Research Conferences, 1997 and 2012; Distinguished Achievement Award, Department of Medicine, University of Iowa, 1998; Master, American College of Physicians, 2005; Presidential Distinguished Senior Scholar Award, UTHSCSA, 2011.


Research interests: Inflammation, neutrophil activation, phagocyte antimicrobial systems, NADPH oxidases, biology of aging, neurodegenerative diseases, host genetics of HIV/AIDS. Current grant support: Clinical and Translational Science Award (PI), NIH; Redox Regulation of Phagocyte NOX2 in Inflammation and Aging (PI), VA; Macrophage-Mediated Gene Delivery of Neurotrophic Factors for Parkinson’s Disease (Co-I), VA; Biology of Aging and Pathobiology of Occlusive Vascular Disease, T32 Training Grants (Mentor), NIH. Primary research mentor for 7 graduate students and 14 post-doctoral fellows. Publications: 148 peer-reviewed research papers; 2 books; 29 chapters. Biotechnology activities: Co-Founder and Scientific Advisory Board member of GenKyoTex, SA, a Swiss limited liability company; two issued US patents.

Councillor Position Candidates

Christine A. Biron, Ph.D., Esther Elizabeth Brintzenhoff Professor of Medical Science, Department of Molecular Microbiology and Immunology, The Division of Biology and Medicine and The Waren Alpert Medical School, Brown University, Providence, RI

Education: B.S., University of Massachusetts, Amherst, Massachusetts, Biochemistry; Ph.D., University of North Carolina, Chapel Hill, North Carolina, Microbiology and Immunology; Post-Doctoral Fellow, Scripps Clinic and Research Foundation, La Jolla, California, and University of Massachusetts School of Medicine, Worcester, MA

Professional Experience: Assistant Professor of Pathology and of Molecular Genetics and Microbiology, University of Massachusetts School of Medicine, Worcester, Massachusetts; Assistant Professor of Medical Sciences (Dec. 1987 - June 1990), Associate Professor of Medical Sciences (with tenure) (July 1990 - June 1996), Esther Elizabeth Brintzenhoff Professor of Medical Science (July 1990-present), Brown University; Director of the Pathobiology Graduate Program, Brown University (1995 – 99); Chair, Department of Molecular Microbiology and Immunology, Brown University (1999 – 2009)

Honors and Awards: Visiting Scientist, Department of Immunology, Karolinska Institute, Stockholm, Sweden (1984); Visiting Professor, School of Biochemistry and Immunology, Trinity College, Dublin, Ireland (2010); Fellow of the Leukemia Society of America (1981-83): Special Fellow of the Leukemia Society of America (1983-85); Outstanding Young Women of America (1987); Scholar of the Leukemia Society of America (1986-91); M.A. ad eundem, Brown University (1991); Emerging Leaders in America (Who’s Who) (1993-94); Shipley Symposium Speaker, Harvard Medical School (2001), Elected Fellow of the American Association for the Advancement of Science (AAAS) (2002); Anderson Symposium Speaker, University of Virginia (2005); Elected Fellow of the American Academy for Microbiology (2009)
Professional Activities: Meeting Co-organizer: Keystone Symposium on “Innate Responses to Pathogens”, Steamboat Springs, CO (2005) and 45th Joint Working Conference on Immunology and Viral Diseases; US-Japan Cooperative Medical Science Program, Stanford, CA, (2011); Member of the NIH Experimental Immunology Study Section (1993-97); Board of Scientific Counselors (BSC) - Subcommittee 2 - Basic Sciences, of the National Cancer Institute (NCI) (2005-10); US-Japan Immunology Board, for National Institutes of Allergy and Infectious Diseases (NIAID) (2008-11); Board of Scientific Counselors (BSC) of the National Institutes of Allergy and Infectious Diseases (NIAID) (2010-15); Elected to Awards Committee, American Association of Immunologists (2007-2010); Elected to the AAAS Section on Medical Sciences Chair-Elect (2008-09), Chair (2009-10), Retiring Chair (2010-11); Section Editor for the Journal of Immunology (1995-99); Section Editor for the Journal of Leukocyte Biology (1999-2001); Advisory Editor for the Journal of Experimental Medicine (2002-present); Editorial Board for Immunity (2005-present); Board of Editors for mBio (2010-present)

Research interests: Research in Professor Biron’s laboratory is directed at understanding the cellular and cytokine mechanisms regulating immune defenses. There is a particular interest in the responses to acute viral infections and links between innate and adaptive immunity. Basic pathways regulating natural killer (NK) and T cells are being defined. Focus includes regulation of the signal transducers and activators of transcription (STATs).

Elizabeth A. Fitzpatrick, Ph.D., Associate Professor, Microbiology, Immunology and Biochemistry, University of Tennessee Health Science Center

Education: Indiana University of Pennsylvania, Indiana, PA; B.S.; 1985; Biological Sciences; Ohio State University, Columbus, OH; Ph.D.; 1990; Microbiology and Immunology; University of Kentucky, Lexington, KY; 1990-1994; Postdoctoral Fellow

Professional Experience: University of Kentucky, Lexington; (1994-1998); Senior Research Associate; University of Kentucky, Lexington; 1998-1999; Assistant Professor; United States Army Medical Research Institute of Infectious Diseases, Fort Detrick; 1999-2000; Scientist; University of Tennessee HSC, Memphis 2000-2007 Assistant Professor; University of Tennessee HSC, Memphis; 2007-present; Associate Professor


Professional Activities: Member, University of Tennessee HSC Institutional Animal Care and Use Committee (2003-2007); Chair, Cytokines I Workshop, 32nd Annual Autumn Immunology Conference (2003); Member, American Heart Association/Southeast Affiliate Study Section (2005-2009); Member, University of Tennessee HSC Deans Faculty Advisory Committee (2008, 2011); President, UTHSC Deans Faculty Advisory Committee (2010-2011); Member, Society of Leukocyte Biology Taskforce / Committee on Women and Diversity in Science (2010; Vice Chair, 2011 – present); UTHSC Graduate Student Recruitment Committee (2010-2011); Microbiology, Immunology and Biochemistry Track Director /Joint UTHSC/St Jude Children’s Research Hospital Integrated Biomedical Studies Graduate Program (2011-present).

Research interests: Our research focuses on the mechanisms of disease pathogenesis in Hypersensitivity Pneumonitis (HP); an interstitial lung disease that develops following repeated exposure to inhaled environmental antigens. We are interested in understanding how the innate immune system is activated and contributes to the development of the chronic form of disease. We have two projects that we are focused on: Identifying the lung cells

Carl Nathan

Over 4 decades Nathan and his colleagues established that lymphocyte products activate macrophages, that interferon-gamma is a major macrophage activating factor in mice and humans, and that mechanisms of macrophage antimicrobial activity include induction of the respiratory burst and inducible nitric oxide synthase. Although iNOS helps the host control Mycobacterium tuberculosis, Mtb resists sterilization by host immunity. The biochemical basis of Mtb’s persistence is the lab’s present focus. Genetic and chemical screens have identified enzymes that Mtb requires to survive during non-replicative persistence, including the proteasome, a serine protease that controls intrabacterial pH, and components of pyruvate dehydrogenase and nucleotide excision repair, along with inhibitors of each
Rozzano (Milan), Italy / November 5th - 7th 2012

2nd Conference of translational medicine on pathogenesis and therapy of immune-mediated diseases

A meeting aimed to enhance synergic interactions between scientists and physicians working in the field of clinical and experimental immunology

Scientific board
Domenico Mavilio | Istituto Clinico Humanitas, Milan, Italy (Chairman)
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Luis Montaner | Wistar Institute, Philadelphia, PA, USA
Paolo Vezzoni | National Research Council, Istituto Clinico Humanitas, Milan, Italy
Anna Villa | National Research Council, Istituto Clinico Humanitas, Milan, Italy

Topics
Innate Immunity in tumors, infectious diseases, autoimmunity and immunodeficiencies

Invited Speakers
Raffaele Badolato | University of Brescia, Italy
Andrea Bertotti | School of Medicine University of Turin IRCC, Italy
Michele Bombardieri | Barts and the London School of Medicine and Dentistry, U.K.
Matthew Collin | Newcastle University, U.K.
Marco Colonna | Washington University, Saint Louis, MO, USA
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Silvia Gregori | San Raffaele Telethon Institute for GeneTherapy, Milan, Italy
Bodo Grimbacher | University College of London, U.K.
Thorsten Hagemann | Barts and the London School of Medicine and Dentistry, U.K.

Steve Holland | National Institutes of Health, Bethesda, MD, USA
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Lorenzo Moretta | Institute Giannina Gaslini, Genova, Italy
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Anne Puel | University of Paris–INSERM, Necker Medical School, Paris, France
Juan Salazar | University of Connecticut, Hartford, CT, USA
Bruno Silva-Santos | University of Lisbon, Portugal
Pablo Téba | Penn Medical School, University of Pennsylvania, Philadelphia, PA, USA
Elisabetta Traggiai | Novartis Institute for Research in Biomedicine, Basel, Switzerland
Eric Vivier | Centre of Immunology of Marseille-Luminy, Marseille, France

Registration Fee*

€ 100 (VAT incl.) for participant under 35 years old and for SIICA members. € 150 (VAT incl.) for participant over 35 years old.

* includes congress kit, lunches, coffee breaks, happy hours and one social dinner with live music.

4 awards up to € 500 (for documented expenses) will be granted to the best presentation selected from submitted abstracts of SIICA members and 1 award of € 1000 will be granted to the best presentation selected from all submitted abstracts. Abstract submission deadline: 16th September 2012.

For registration, abstract submission and further information, please go to the SIICA website (www.siica.it) or contact us at siica.amministrazione@siica.it

In collaboration with
and pattern recognition receptors necessary for neutrophil and macrophage recruitment following exposure to an environmental antigen. Understanding the mechanisms controlling alveolar macrophage activation and function during the chronic phase of disease.

Julian G. Cambronero, Ph.D., Professor, Biochemistry and Molecular Biology Wright State University, Ohio

**Education:** Dr. Cambronero was born in Spain. He received his PhD from Complutense University of Madrid in 1986 (cum laude). In 1987 he moved to the U.S. to the University of Connecticut Health Center, to study Signal Transduction in Neutrophils (post-doc); was appointed Instructor in 1991, then Research Assistant in 1992; moved to Wright State University School of Medicine, Assistant Professor, 1995-00; Associate Professor 2000-04; Professor (tenured) 2004-present. He was a Visiting Professor at Dr. Mary Dianuer’s lab in Indiana Medical School in 2006.

**Research Interests:** (PubMed: J. Gomez-Cambronero). His laboratory uses biochemical, molecular, cell biology and immunological tools to elucidate the molecular pathways involved in leukocyte migration in normal physiology – inflammation- and disease-ischemia/reperfusion injury-. He pioneered the studies of the molecule phospholipase D (PLD) in cell signaling during chemotaxis and visualized its activation in living, motile, cells. His team was the first to uncover that a lipase can moonlight as a major guanine-nucleotide exchange factor (GEF) with profound implications in chemotaxis, phagocytosis and leukocyte biology http://www.jlleukbio.org/content/early/2012/07/02/jllb.0212073.long. In recent years, his research interests have expanded into understanding cancer cell metastasis.


**Teaching:** Developed/Director of the Hematology Course (since 2001) for the School of Medicine (Wright State University), year II. Director, Molecular Cell Signaling for the Graduate School, 2009-2012.


**Funding:** Dr. Cambronero has received funding from the National Institutes of Health (NIH-NHLBI); the American Cancer Society (ACS); the American Heart Association (National Program and Great Rivers Chapter); the American Physiological Society; the Ohio Board of Regents; the University of Connecticut School of Medicine; and Wright State University School of Medicine.

**Awards:** Predoctoral Fellowship (FIS) 1985; Postdoctoral Fellowship (AHA) 1987; Northern Connecticut Chapter Leukemia Society of America (LSA) 1990; New Investigator Research Award, Donaghue Medical Research Foundation, 1992; Expert Scientist (Science Curriculum Board), Connecticut Public School System, 1994; Frontiers in Physiology Research Award, National, 1996; Stars Scholar Distinguished Service Award Ohio University, Statewide Conference, 1998; Sembrador Award (Professional Achievement), The City of Manzanares (C.R.) Spain 2005;
Outstanding Achievement in Medical Ed/Research, Academy of Medicine, Dayton, OH 2007; Honorary Professor, Southern Medical University, Guangzhou, China.

**Beyond Science:** Dr. Cambronero has written science fiction articles and science divulgation for the laymen (in Spanish). Following his Astronomy hobby, he came up with the idea and designed a scale model of our Solar System, that was built in a City Park in Manzanares (La Mancha) Spain, as an example of his interests in the crossroads between Science and Art. (see: http://www.paseodelsistemasolar.manzanares.es also http://webapp2.wright.edu/web1/newsroom/tag/julian-gomez-cambronero/). He is married to Teresa Madrid (also from Spain) and has two children, David and Julia.

Nicholas W. Lukacs, Ph.D., Professor of Pathology, Assistant Dean of Faculty Affairs, University of Michigan Medical School

**Education:** Central Michigan University, Mt. Pleasant, MI; BA; 1986; Biology; University of New Hampshire, Durham, NH; MS; 1988; Immunology; Wayne State University, Detroit, MI; Ph.D.; 1991; Immunology; University of Michigan, T-32 Fellowship in Pulmonary Immunity; 1992-93

**Professional Experience:** Research Investigator, University of Michigan Medical School, Dept.of Pathology; 1993-1997. Assistant Professor, University of Michigan Medical School, Dept. of Pathology; 1997-2001. Associate Professor (tenured), Univ. of Michigan Med. School, Dept. of Pathology; 2001-2006. Full Professor, University of Michigan Medical School, Dept. of Pathology; 2006-Present. Assistant Dean of Faculty Affairs; University of Michigan Medical School; 2008-Present.


**Grant Review:** NIAID Allergy, Immunology and Transplantation Res. Committee (AITC), 2001-2005. NIH Ad hoc Reviewer, LBPA, ALY, IMS, LCMI, and AITC Study sections; Multiple dates. Special Emphasis, K99/R00, Asthma Center, and RFA NIH grant review committees.

**University Committees:** 1998-present - Curriculum Committee for PIBS Graduate Program. 1998-2010 - Admissions Committee for Immunology graduate program. 1999-2001 - Medical Student Summer research grant review committee. 2002-present - Immunology Graduate Program Steering committee. 2003-present - Immunology Training Grant T-32 (NIAID) Steering committee. 2004-2009 - Institutional Biosafety Committee (IBC). 2004-2007 - Advisory committee on Appointments, Promotions, and Tenure (ACAPT). 2008-present -Director Molecular and Cellular Pathology Graduate Program. 2004-present - Associate Chair of Research for the Pathology Department. 2008-present - University Laboratory Animal Medicine (ULAM) oversight committee. 2011-present -Faculty Development and Mentoring steering committee

**Society Committees:** 1999-2002 - ASIP Program Committee for Experimental Biology. 2009-2012 - ASIP Program Committee for Experimental Biology. 009-2012 - Society of Leukocyte Biology Publication Committee (Chair)

**Research interests:** Innate and acquired immune responses to Allergen-induced responses. Respiratory virus infection and impact on the pulmonary immune environment. The role of gut microbiome on pulmonary disease. SCF/c-kit and IL-25 in chronic remodeling diseases of the lung. Notch and development gene impact on the developing T cell response during disease.

**Post-doc(s) wanted!!**

If you love macrophages (and/or neutrophils), the Kovacs lab is the place to be. I/we are looking for one or two post-doctoral fellows to join an interactive and dynamic team of researchers at all levels who are interested in innate immunity particularly as it pertains to injury and infection in patients and relevant models. More specifically, we are investigating the effects of binge alcohol exposure, radiation treatment and advanced age on systemic, pulmonary, cutaneous and intestinal inflammatory response after injury. Qualified candidates must hold a Ph.D. or equivalent in immunology, cell biology, physiology, microbiology, or related area and have a strong publication record. Preference will be given to candidates who are US citizens or permanent resident and have experience with rodent models, cell culture, and molecular techniques. To apply, please submit (by email) a single pdf file containing 1) a cover letter describing you interest, 2) your curriculum vitae, and 3) full contact information for 3 references to: ekovacs@lumc.edu. Elizabeth J. Kovacs, Ph.D., Department of Surgery, Loyola University Chicago, Stritch School of Medicine, Maywood, IL. Loyola University Chicago is an Equal Opportunity/Affirmative Action Employer.

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