

meeting information

PURPOSE AND OBJECTIVES

The meeting unites professionals engaged in the practice and study of medical laboratory immunology and provides an opportunity to enhance their knowledge of immunologic principles and their application to immune mediated disorders. Attendees will hear experts in the field present new and cutting-edge information about the pathogenesis, diagnosis, monitoring and treatment of immunological disorders. This meeting will also highlight new discoveries in immunology and novel and emerging technologies in laboratory medicine. Finally, this annual meeting offers the individual not only a format for learning but also for collaborations and essential interactions vital to their development and growth.

After attending the meeting attendees should be able to:

1. Discuss new developments in the areas of transplantation, clinical flow cytometry, cancer immunology, multiplexing assays, vitamin D and the immune system, vaccines, monitoring immune responses, autoimmunity and quality control issues.
2. Discuss the appropriate testing and interpretation of the test results with development to a differential diagnosis for four selected cases.
3. Recognize the advantages and challenges of multiplexing analysis.
4. Describe the role of the Th17 regulatory network in autoimmune diseases and its potential clinical applications.
5. Discuss the HIV vaccine initiatives in the US and abroad.
6. Recognize the issues related to geographic atrophy in age-related macular degeneration and TLR3.
7. Discuss the issues around controlling the alloresponse.

ACCREDITATION

The AMLI is accredited by the Accreditation Council for Continuing Medical Education to sponsor continuing medical education for physicians.

DESIGNATION

The AMLI designates this continuing medical education activity for a maximum of 15 *AMA PRA Category 1 Credit(s)*[™]. Physicians should only claim credit commensurate with the extent of their participation in the educational activity.

DISCLOSURE POLICY

Faculty and all others who have the ability to control the content of continuing medical education activities sponsored by the AMLI are expected to disclose to the audience whether they do or do not have any real or apparent conflict(s) of interest or other relationships related to the content of their presentations.

MEETING SITE

The Hyatt Regency Cambridge is located on the Charles River with a stunning view of Boston. Please make your reservations by July 11, 2009 to receive the AMLI discount.

Call Telephone 617/492-1234 for reservations. Make sure you mention AMLI for the special group rate of \$189. You can also make online reservations by using the following link: https://resweb.passkey.com/Resweb.do?mode=welcome_ei_new&eventID=225278&fromResdesk=true

TRAVEL ALLOWANCE SCHOLARSHIPS

The AMLI will award a limited number of travel allowance scholarships for graduate students, post-doctoral level laboratorians and med techs who submit an abstract accepted for presentation at the Annual Meeting. The scholarship recipient must present the poster. Only one scholarship will be provided per accepted abstract, and per individual regardless of the number of abstracts accepted. AMLI will reimburse travel expenses up to \$1000/recipient and waive the registration fee for the Meeting only. Allowable expenses include lowest applicable airfare, car travel, hotel, and meals (@ \$40.00 per day). Original receipts for expenses must be submitted to the AMLI Treasurer no later than 9/15/2009. If more applicants submit accepted abstracts than the number of travel allowance scholarships available, scholarships will be awarded based on abstract receipt dates. Scholarship recipients will be notified upon abstract acceptance. No one shall receive a travel scholarship more than twice in a three-year period.

WWW.AMLI.ORG

Please visit our brand new website for more information about the Annual Meeting, including registration forms, abstracts, and exhibitors, and membership, and more!



call for abstracts

FORMAT

1. Participants are encouraged to submit abstracts that describe their original results.
2. The abstract must fit on a single 8" x 11" page, one-side only. Please do not draw lines.
3. The abstract must conform to the following format: Objective; Methods; Results; and Conclusion.
4. Single space all typing, capitalize all letters in the title, underlining the name of the person presenting the paper.
5. Please email abstract as ONE file, with the file named your last name followed by first name initial. If submitting more than one abstract, please put a number at the end of the file name.
6. Please email all abstracts to maggie@maggiefogel.com. If you do not have email, please send three copies typed on good quality bond suitable for reproduction exactly as submitted to: Maggie Fogel, 34 West 83rd Street, Suite R, New York, New York 10024, 212-873-2955, facsimile 212-873-2344.
7. Participants whose abstracts are accepted will be assigned to present their work in the scheduled Poster Session.
8. Please include on a separate page the presenter's name, address, telephone and fax numbers, email address, title of abstract, and please restate the objectives in the format: "From viewing and discussing my poster the participants should be able to: a. Describe . . . b. Reply . . . c. Evaluate . . ." Objectives must start with an action verb so that the activity could be measurable.
9. There are three categories of awards for your abstract submission. The winner of each category will receive a check for \$500. Please indicate on your cover page which award you are eligible for:
The Mario Escobar Young Investigator Award.
Applicants must be 35 years old or younger.
Dr. Peter Maxim Memorial Laboratory Manager Award.
Applicants are to be a Laboratory Manager.
Doctorate Award.
Applicants are to be a Ph.D. or M.D.
10. Please indicate on your cover page whether you would like to be considered for one of a limited number of \$1000 Travel Allowance Scholarships.

EXAMPLE

REMOVAL OF CIRCULATING IMMUNE COMPLEXES OF ERYTHROCYTE TRANSFUSION IN PATIENTS WITH AIDS AND ARC
Y. Inada, J. Sulzberger, and W. S. Clark, St. Luke's Roosevelt Hosp., Columbia Univ., New York, NY USA

Objective: We have demonstrated that the absence of ...

Methods: Ten of 18 AIDS patients ...

Results: All control AIDS patients ...

Conclusion: Our observations to date suggest ...

ABSTRACT DEADLINE — JUNE 26, 2009



THE
ASSOCIATION
OF
MEDICAL
LABORATORY
IMMUNOLOGISTS

AMLI Scientific Program

August 7-10, 2009

HYATT REGENCY CAMBRIDGE
Boston, Massachusetts



Friday, August 7, 2009

- 7:30 Continental Breakfast
- 8:30-8:40 **Opening Remarks**
Ronald J. Harbeck, Ph.D., AMLI President
- Plenary Session 1**
- 8:40-12:00 **Immunodeficiency and Flow Cytometry**
Chairs: *Roshini Abraham, Ph.D. and Ronald J. Harbeck, Ph.D.*
- 8:40 **Update of Statewide Newborn Screening Program for Severe Combined Immunodeficiency (SCID) by T-Cell Receptor Excision Circles (TRECs)**
James W. Verbsky, M.D., Ph.D., Medical College of Wisconsin
- 9:20 **Developments in Hereditary Angioedema: a New Type and New Tests**
Ashley Frazier-Abel, Ph.D., National Jewish Health
- 10:00 **Break**
- 10:30 **X-Linked Lymphoproliferative Diseases (XLP)**
Rebecca Marsh, M.D., Cincinnati Children's Hospital
- 11:00 **Visualizing Cellular Cytotoxicity with Imaging Flow Cytometry**
Albert Donnenberg, Ph.D., Hillman Cancer Center, University of Pittsburgh
- 11:30 **Analysis of Protein Phosphorylation and Cellular Signaling Events by Flow Cytometry: Clinical Applications**
Vijaya Nagabhushanam, M.D., Ph.D., National Jewish Health
- 12:00-1:30 **Luncheon Seminar hosted by Phadia US Inc. Celiac Disease**
Alessio Fasano, M.D., Center for Celiac Research, University of Maryland Medical Center
- Plenary Session 2**
- 2:00-4:00 **Case Reports: Challenges in Clinical Immunology**
Chair: *Thomas Alexander, Ph.D.*
- Geyhad ElGhazali, M.D., Ph.D., King Fahad Medical City*
Medhat Askar, M.D., Ph.D., Allogen Laboratories, Transplant Center, Cleveland Clinic
Mary Mayo, Ph.D., Saint Louis University School of Medicine
Anne E. Tebo, Ph.D., ARUP Laboratories and the University of Utah
- 4:00-5:00 **Erwin Neter Memorial Lecture**
Controlling the Alloresponse: Between Benches, to the Bedside and Back
Megan Sykes, M.D., Harvard Medical School
- 5:00-7:00 **Meet the Exhibitors-Poster Session Reception**



Saturday, August 8, 2009

- 7:30 Continental Breakfast and Committee Meetings
- Plenary Session 3**
- 8:30-12:00 **Recent Advances in Evaluating and Monitoring Infectious and Autoimmune Diseases**
Chairs: *John Schmitz, Ph.D. and Barbara Detrick, Ph.D.*
- 8:30 **Role of Th17 Regulatory Network in Autoimmune Diseases and Potential Clinical Applications**
Chen Dong, Ph.D., M.D., Anderson Cancer Center
- 9:15 **New Technologies Reveal Biomarkers that Predict Response to Anti-TNF Therapy in RA**
William H. Robinson, M.D., Ph.D., Stanford University School of Medicine
- 10:00 **Break**
- 10:30 **Update In HIV Laboratory Diagnostics: Polychromatic Flow Cytometry for Monitoring Immune Responses**
Pratip Chattopadhyay, Ph.D., Vaccine Research Center, NIH
- 11:15 **Multiplex Detection of Antibody and Cytokine Responses to Vaccines and Infections**
Harry R. Hill, M.D., University of Utah School of Medicine
- 12:00-1:30 **Luncheon Seminar hosted by Grifols**
- 2:00-3:00 **Abstract Award Presentations**
Chair: *John Schmitz, Ph.D.*
- 3:00-4:00 **AMLI Business Meeting**
- 4:00-6:00 **Meet the Exhibitors – Poster Session Reception**
- 6:00 **Depart for Annual Dinner**
New England Aquarium

The Harbor Terrace, site of our dinner, is a large covered terrace that has vaulted ceilings and archways framing Boston Harbor. It is the newest addition (opening July, 2009) to the New England Aquarium. Founded in 1969, the New England Aquarium is a global leader in ocean exploration and marine conservation. You may tour the aquarium with the general public from 6 to 7:00 pm.



Sunday, August 9, 2009

- 7:30 Continental Breakfast and Committee Meetings
- Plenary Session 4**
- 8:30-12:00 **Tumor Markers/Cancer Immunology**
Chair: *Crystal Sung, Ph.D.*
- 8:30 **Serum Free Light Chains in the Diagnosis and Prognosis of the Monoclonal Gammopathies**
Jerry Katzmann, Ph.D., Mayo Clinic
- 9:15 **Tricks Tumors Use To Escape From Immune Control**
Theresa Whiteside, Ph.D., University of Pittsburgh
- 10:00 **Break**
- 10:30 **Dendritic Cell Vaccines for Multiple Myeloma from the Bench to the Bedside and Back**
Jacalyn Rosenblatt, M.D., Beth Israel Deaconess Medical Center / Dana Farber Harvard Cancer Center
- 11:15 **Measurement and Quality Control Issues In Multiplex Protein Assays**
Allison Ellington, Ph.D., Mayo Clinic
- 12:00-1:30 **Luncheon Seminar Speaker**



Monday, August 10, 2009

- 7:30 Continental Breakfast
- Plenary Session 5**
- 8:30-12:00 **Hot Topics in Clinical Immunology**
Chair: *Patsy Giclas, Ph.D.*
- 8:30 **Vitamin Effects on the Immune System: Vitamins A and D Take Centre Stage**
J. Rodrigo Mora, M.D., Harvard Medical School and Massachusetts General Hospital
- 9:15 **Geographic Atrophy in Age-Related Macular Degeneration and TLR3**
Johanna M. Seddon, M.D., ScM., Sackler School of Graduate Biomedical Sciences, Tufts University
- 10:00 **Break**
- 10:30 **A New Innate Immune System Pathway Involved in the Immunogenicity of Vaccine Adjuvants**
Stephanie Eisenbarth, M.D., Ph.D., Yale University School of Medicine
- 11:15 **HIV Vaccine Initiatives in the US and Abroad**
Thomas N. Denny, M.Sc., Duke Human Vaccine Institute and Center for HIV/AIDS Vaccine Immunology
- 12:00 **Closing Remarks**

