Dear Colleagues,

On behalf of the Clinical Immunology Society (CIS), thank you for participating in the 2013 Annual Meeting: Regulation & Dysregulation of Immunity taking place April 25 – 28, 2013 at the JW Marriott Marquis in Miami, FL.

CIS is the key inter-disciplinary organization for the field of clinical immunology and is devoted to fostering developments in the science and practice of clinical immunology. The mission of CIS is to facilitate education, translational research and novel approaches to therapy in clinical immunology and to promote excellence in the care of patients with immunologic/inflammatory disorders.

The goal of the CIS leadership and Program Committee is to have a multi-disciplinary meeting with a broad focus where delegates can learn about human immunology-related research conducted in specialties of medicine other than their own and consider how to apply those paradigms to their own research. Our goal is to accomplish this with collaboration amongst our corporate supporters.

The CIS leadership is excited about the 2013 Annual Meeting and we look forward to bringing accomplished clinical researchers together to present what is sure to be outstanding science. We hope you enjoy the meeting!

Sincerely,

Daniel C. Adelman, MD
2013 Annual Meeting Co-Chair
CIS Secretary-Treasurer

Lawrence B. Schwartz, MD, PhD
2013 Annual Meeting Co-Chair
CIS President

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TABLE OF CONTENTS

About CIS............................................................ Pg. 3
General Meeting Information........................................ Pg. 11
Continuing Medical Education Information ..................... Pg. 12
Speakers Disclosures ............................................ Pg. 12-14
Miami Visitor Information ....................................... Pg. 15
Schedule at-a-glance ............................................ Pgs. 18-19
Schedule of Events ........................................... Pgs. 20-22
Exhibit Hall Floor Plan ....................................... Pg. 23
Exhibitor Listing ............................................. Pgs. 23-25
Poster Listing .................................................. Pgs. 26-29
2013 Annual Meeting Supporters .............................. Pg. 30

2013 ANNUAL MEETING PROGRAM COMMITTEE

CO-CHAIRS:
Daniel C. Adelman, MD
University of California, San Francisco
San Francisco, CA
Lawrence B. Schwartz, MD, PhD
Virginia Commonwealth University
Richmond, VA

COMMITTEE MEMBERS:
Robert A. Eisenberg, MD
University of Pennsylvania
Philadelphia, PA
Thomas A. Fleisher, MD
National Institutes of Health
Bethesda, MD
Steven M. Holland, MD
NIAID, NIH
Bethesda, MD
Donald B. Kohn, MD
University of California, Los Angeles
Los Angeles, CA
John M. Routes, MD
Medical College of Wisconsin
Milwaukee, WI
Matthias G. von Herrath, MD
La Jolla Institute Allergy and Immunology
La Jolla, CA
ABOUT THE CLINICAL IMMUNOLOGY SOCIETY

The Clinical Immunology Society (CIS), established in 1986, is the key interdisciplinary organization for the field of clinical immunology and is devoted to fostering developments in the science and practice of clinical immunology. CIS is an international professional organization which includes more than 650 clinicians, investigators, and trainees.

The mission of CIS is to facilitate education, translational research and novel approaches to therapy in clinical immunology to promote excellence in the care of patients with immunologic/inflammatory disorders.

The primary objectives and purposes of CIS are to:

• facilitate the interchange of ideas and information among physicians and other investigators who are concerned with immunological/inflammatory diseases;
• promote research on the causes and mechanisms of diseases relating to the immune system and, as a result, to unify concepts of disease pathogenesis;
• encourage investigators and clinicians to share in their knowledge of immunologically active drugs and other interventions;
• promote application and dissemination of recent advances in biomedical science for the prevention, diagnosis and treatment of diseases related to immunity and inflammation; and
• foster excellence in research and medical practice.

CONNECT WITH YOUR COLLEAGUES!

“LIKE” CIS on Facebook
Follow us on Twitter @CLINIMMSOC
Join our group on LinkedIn
Submit a Manuscript

The Journal of Clinical Immunology accepts manuscripts in the areas of human, basic, and clinical immunology and molecular biology. The areas of basic immunology include (but are not limited) to studies of lymphocytes, antigen presenting cells, neutrophils, natural killer cells, complement components, immunoglobulins, antibodies, cytokines and their receptors, immunoregulation, signal transduction, T-cell receptors, and immunoglobulin genes. Papers on animal models of human diseases are welcome. Articles dealing with molecular biology related to human diseases are accepted. Special Articles are by invitation only. Case reports will only be considered if they are linked to novel new findings/science or are accompanied by an extensive review of the relevant medical literature to the findings of the case report.

Authors, editors and reviewers of Journal of Clinical Immunology use our fully web-enabled online manuscript submission and review system. To keep the review time as short as possible, we request authors to submit manuscripts online to the journal’s editorial office. Our online manuscript submission and review system offers authors the option to track the progress of the review process of manuscripts in real time.

About the Journal

The Journal of Clinical Immunology is a bimonthly international journal that helps researchers and academic clinicians keep current on investigative basic immunology and diseases related to the immune system. This well-established journal publishes articles on basic, translational, and clinical studies in all aspects of immunology, including animal models of human diseases. The OnlineFirst™ feature allows articles to be viewed through the journal’s website before they are available in the printed journal. The Journal of Clinical Immunology is the official journal of the Clinical Immunology Society.

To submit a manuscript, please visit http://www.editorialmanager.com/joci/
MISSION STATEMENT
The mission of the Clinical Immunology Society is to facilitate education, translational research and novel approaches to therapy in clinical immunology to promote excellence in the care of patients with immunologic/inflammatory disorders.

ABOUT CIS: OBJECTIVES AND PURPOSES
The Clinical Immunology Society (CIS), established in 1986, is devoted to fostering developments in the science and practice of clinical immunology. The primary objectives and purposes of this Society shall be to:
1. facilitate the interchange of ideas and information among physicians and other investigators who are concerned with immunologic/inflammatory diseases;
2. promote research on the causes and mechanisms of diseases relating to the immune system and, as a result, to unify concepts of disease pathogenesis;
3. encourage investigators and clinicians to share their knowledge of immunologically active drugs and other interventions;
4. promote application and dissemination of recent advances in biomedical science for the prevention, diagnosis and treatment of diseases related to immunity and inflammation and;
5. foster excellence in research and medical practice.

MEMBERSHIP BENEFITS
The benefits of membership in the Clinical Immunology Society include:
• The opportunity to be involved in a dynamic society devoted to fostering the development of clinical immunology.
• Reduced registration fees to the CIS Annual Meeting & Primary Immune Deficiency National Conference.
• Complimentary online subscription to the Journal of Clinical Immunology, the official peer-reviewed scientific journal of the Clinical Immunology Society;
• Opportunities to advance your career by serving on CIS Committees or serving as faculty for CIS Schools and meetings;
• Belonging to an association that is accredited by the Accreditation Council for Continuing Medical Education to sponsor CME for physicians;
• Reduced FOCS Annual Meeting Registration fees;
• Access to virtual meeting content through the CIS website.

MEMBERSHIP CATEGORIES AND REQUIREMENTS
Regular membership shall be open to those individuals who:
• are engaged in research in the area of clinical immunology or have contributed to or are engaged in the practice of clinical immunology;
• have an MD, DO, PhD or equivalent academic degree;
• are active, bona fide representatives of the international scientific community with a specialty or interest in a field related to clinical immunology.

Associate membership shall be open to those individuals who:
• hold a Bachelors, Masters, RN or equivalent degree with a demonstrated interest in clinical immunology.

Trainee membership shall be open to those individuals who:
• are enrolled in academic programs awarding, and are candidates for, MD, DO, PhD, or equivalent degree, with a demonstrated interest in clinical immunology.
• are participating in post-doctoral or clinical fellowship, or residency programs.

DEVELOPING COUNTRIES
Applicants from developing countries are eligible for a reduced dues rate of $50.00 upon request.

APPLICATION PROCESS
Applicants for Regular and Associate membership must submit:
• a CIS membership application;
• a current curriculum vitae;
• the first year’s dues with application.

Applicants for Trainee membership must submit:
• a CIS membership application;
• the first year’s dues with application;

CLINICAL IMMUNOLOGY SOCIETY
555 East Wells Street, Suite 1100
Milwaukee, WI 53202-3823 USA
Telephone: 414.224.8095  Fax: 414.272.6070
info@clinimmsoc.org  www.clinimmsoc.org
CIS 2013 MEMBERSHIP APPLICATION

First Name ___________________________________________ Middle Initial _______ Last Name ________________________________

Designation (MD, PhD, other) ____________________________ Current Position/Title ________________________________

Date of Birth ____________________________ Training Start Date ____________________________ Training End Date ________________

Institution ____________________________________________

Current Research Interest(s) (up to 3) ____________________________________________

Preferred Mailing Address: ☐ Business ☐ Home

Business Address ____________________________________________

City ____________________________________________ State ___________ Postal Code/Country ________________________________

Business Phone ____________________________ Fax ____________________________

E-mail ____________________________________________

Home Address ____________________________________________

City ____________________________________________ State ___________ Postal Code/Country ________________________________

Home Phone ____________________________________________

PLEASE SELECT TO BE LISTED ON THE FIND AN IMMUNOLOGIST DIRECTORY:

☐ I would like to be listed in the on-line Find an Immunologist Referral Directory *must be clinically active to qualify*

JOURNAL OF CLINICAL IMMUNOLOGY – OFFICIAL JOURNAL OF THE CLINICAL IMMUNOLOGY SOCIETY

As a CIS member you are entitled to receive electronic access. You may add a print subscription for an additional $20.

☐ I DO wish to receive the print subscription to the CIS Journal at a cost of $20.

AFFILIATIONS (CHECK ALL THAT APPLY):

☐ Industry ☐ Medical School ☐ Military ☐ Other ____________________________

☐ Private Practice ☐ Research University ☐ NIH/FDA ☐ Other ____________________________

SPECIALTY (CHECK ALL THAT APPLY):

☐ Allergy/Asthma/Pulmonary ☐ Autoimmunity ☐ Cardiovascular ☐ Cytokines ☐ Dermatology ☐ Diagnostic/Laboratory Immunology ☐ Endocrinology ☐ Gastroenterology ☐ Hematology ☐ HIV Infection Disease ☐ Histocompatibility ☐ Immunodeficiency ☐ Immunogenetics ☐ Immunotherapy ☐ MS/Neuroimmunology ☐ Mucosal Immunology ☐ Pathology ☐ Ophthalmology ☐ Reproductive Immunology ☐ Rheumatology ☐ Transplantation ☐ Tumor Immunology ☐ Other ____________________________

MEMBERSHIP CATEGORY

☐ Regular – 3+ years out of training ____________________________ $200*

☐ Regular – 2 years out of training/training completed in 2008 ____________________________ $125*

☐ Regular – 1 year out of training/training completed in 2009 ____________________________ $50*

☐ Associate ____________________________ $175*

Documents required for Regular & Associate Membership:

☐ Current Curriculum Vitae

☐ Trainee ____________________________ $35*

☐ Attestation Statement

☐ Name of training program director ____________________________

* Dues must be submitted with your application.

DEVELOPING COUNTRIES

☐ As an applicant from a developing country I am requesting the reduced dues rate of $50.00.

PLEASE CONSIDER MAKING A DONATION TO CIS

☐ General Donation Amount: $___________

☐ Educational Programs Amount: $___________

TOTAL AMOUNT ENCLOSED / AUTHORIZED TO CHARGE $___________

PAYMENT METHOD:

☐ Check (in US dollars payable to Clinical Immunology Society)

☐ VISA ☐ MASTERCARD

☐ DISCOVER ☐ AMERICAN EXPRESS

Cardholder Name ____________________________ Cardholder Signature ____________________________

Card Account Number ____________________________

Expiration Date ____________________________ 3 Digit Security Code (4 Digits for AmEx)

(date format: mm/dd/yyyy)
APPLICATION FOR CIS-PIDD LIST SERVICE ACCESS

CIS-PIDD is a professional group of physicians and scientists with an interest in primary immunodeficiencies. The purpose of the group is to enhance collaborations and exchange information among members. We welcome physicians who provide care for patients with immunodeficiencies and scientists who are doing research related to the primary immunodeficiencies who wish to join our group.

This list service is managed by the Clinical Immunology Society. Completed applications must be sent to CIS by email, fax or the postal service to the following address:

CLINICAL IMMUNOLOGY SOCIETY
555 East Wells Street, Suite 1100
Milwaukee, WI 53202/USA
Email: info@clinimmsoc.org
Telephone: 414.224.8095 - Fax: 414.272.6070

Name _____________________________________________________________
Department _______________________________________________________
Institution _________________________________________________________
Address ___________________________________________________________
City __________________________ Postal Code _________________________
Country ________________________________
Phone ____________________ Fax ___________________________
Email address ________________________________
Basis of interest in CIS-PIDD list service: ___________________________
DISCLAIMER
The communication provided by this list service is for educational or informational purposes only and is not intended to replace or constitute medical advice or treatments.

CIS intends that the information discussed on this list service is accurate. However, these discussions are between CIS-PIDD list service members. Therefore, CIS disclaims any warranty of any kind, whether express or implied, as to any matter whatsoever relating to this service, including without limitation merchantability or fitness for any particular purpose. In no event shall CIS be liable for any indirect, special, incidental or consequential damages arising out of any use of or reliance on any content or materials contained herein.

The list service is provided “AS IS” without any warranty, of any kind, express or implied. Neither CIS is responsible for any content posted by any user of this service. Any opinion expressed by a user does not necessarily represent the opinion of CIS and the user is solely responsible for same.

CIS does not assume and hereby disclaims any and all liability to any person or entity for any claims, damages, liability or other loss including, without limitation, any liability for injury or other damage resulting from any use of or reliance on this service or from the posting of any content or material by any third party.

No use of, or reliance on, information included on this list service shall be deemed to give rise to a physician-patient relationship. No information presented shall be deemed to present the only or necessarily the best method or procedure with respect to a matter discussed on this service; rather, any such material shall be acknowledged as only the approach or opinion of the discussant. The user assumes all risks of using the information discussed on this list service.

I would like to join the CIS-PIDD List Service and agree to abide by the guidelines.

Signature: ___________________________________________ Date: __________________________
APPLICATION FOR CIS-AUTOIMMUNE POLYENDOCRINE SYNDROMES (APS)
LIST SERVICE PARTICIPATION

The Autoimmune Polyendocrine Syndromes (APS) list service is a professional email group of physicians and scientists with an interest in APS. The purpose of the group is to enhance collaborations and exchange information among participants. We welcome physicians and researchers who have a special interest in autoimmune polyendocrine syndromes including the clinical care of patients and research into the pathophysiology, natural history and possible treatments for these disorders to join our group.

PLEASE PRINT OR TYPE AND RETURN COMPLETED FORM TO THE CIS NATIONAL OFFICE

Name _____________________________________________________________

Department _________________________________________________________

Institution _________________________________________________________

Address ___________________________________________________________

City __________________________ Postal Code _____________________________

Country ___________________________________________________________

Phone __________________________ Fax _________________________________

Email address _______________________________________________________

I would like to join the CIS-APS list service group and I agree to abide by the guidelines.

Signature: __________________________________________ Date: __________________

CLINICAL IMMUNOLOGY SOCIETY
APS List Service
555 East Wells Street, Suite 1100
Milwaukee, WI 53202/USA
Email: info@clinimmsoc.org
Telephone: 414.224.8095 - Fax: 414.272.6070
CIS-AUTOIMMUNE POLYENDOCRINE SYNDROMES (APS) LISTSERV GUIDELINES

INTRODUCTION:
This E-mail Listserv has been set up to provide an easy way for professionals with an interest in APS to discuss issues of common interest. You can send an email to the server group. Your email will appear in the email file of everyone on the server list. If someone offers advice, that advice also appears in everyone’s email. A third person may disagree and join the conversation. We hope to generate many lively discussions. The server group may also be used to look for collaborators or new faculty members. This Listserv is set up as a communication tool to help you interact with your colleagues. It is closed to the general public.

GUIDELINES FOR POSTING MESSAGES:
Different people have different access privileges to the Internet. Your messages affect a large number of people. Please keep this in mind when sending a message to the group. Here are some specific guidelines to help keep things simple.

1. Do not use this list for commercial purposes or allow anyone else to use this list for commercial purposes.
2. Part of the purpose of the server group is to help us to build a community. To do this, we must be able to identify each other. At the end of your message, sign your email with your name, institution, address, phone number, fax number and email address. This will also allow people to contact you directly if they have a message that is not of general interest.
3. Do not send attachments in your message (attachments are files from another software program on your hard drive). Because people use a variety of different software programs, attachments cannot generally be opened by the entire group.
4. Your writing is a reflection of professionalism. Please spell check your messages and use the same rules for grammar and politeness that you would use in a paper letter. CAPITAL LETTERS ARE SEEN AS SHOUTING WORDS. Please use respect for your colleagues.
5. Keep ‘Subject’ lines relevant. If the topic changes, change the ‘Subject.’

We ask that all participants adhere to these guidelines in order to facilitate reasonable discussion, enhance the quality of the service and to make life easier for everyone who reads the list.

DISCLAIMER:
The communication provided by this Listserv is for educational or informational purposes only and is not intended to replace or constitute medical advice or treatments.

CIS intends that the information discussed on this Listserv is accurate. However, these discussions are between individual CIS members. Therefore, CIS disclaims any warranty of any kind, whether express or implied, as to any matter whatsoever relating to this service, including without limitation merchantability or fitness for any particular purpose. In no event shall CIS be liable for any indirect, special, incidental or consequential damages arising out of any use of or reliance on any content or materials contained herein.

The Listserv is provided “AS IS” without any warranty, of any kind, express or implied. CIS is not responsible for any content posted by any user of this service. Any opinion expressed by a user does not necessarily represent the opinion of CIS and the user is solely responsible for same.

CIS does not assume and hereby disclaims any and all liability to any person or entity for any claims, damages, liability or other loss including, without limitation, any liability for injury or other damage resulting from any use of or reliance on this service or from the posting of any content or material by any third party.

No use of, or reliance on, information included on this Listserv shall be deemed to give rise to a physician-patient relationship. No information presented shall be deemed to present the only or necessarily the best method or procedure with respect to a matter discussed on this service; rather, any such material shall be acknowledged as only the approach or opinion of the discussant. The user assumes all risks of using the information discussed on this Listserv.
GENERAL MEETING INFORMATION

MEETING LOCATION
All educational sessions, posters, exhibits, and registration held as part of the CIS Annual Meeting will take place at the JW Marriott Marquis.

JW MARRIOTT MARQUIS
255 Biscayne Boulevard Way
Miami, FL 33131
P: (305) 421-8600

REGISTRATION DESK
JW Marriott Marquis ~ 3rd Floor, Met Ballroom Pre-function

REGISTRATION DESK HOURS
Wednesday, April 24 4:00pm – 7:00pm
Thursday, April 25 7:30am – 7:00pm
Friday, April 26 7:30am – 7:00pm
Saturday, April 27 7:30am – 6:00pm
Sunday, April 28 7:30am – 12:00pm

EXHIBIT HALL
JW Marriott Marquis ~ 3rd Floor, Met Ballroom 1 - 4
Exhibitors provide the latest information on products and services available to physicians, researchers and allied health professionals in the field of immunology. Take this valuable opportunity to meet with companies and organizations specializing in all areas of the immunology field.

EXHIBITOR MOVE-IN HOURS
Wednesday, April 24 2:00pm – 7:00pm
Thursday, April 25 6:00am – 11:30am

EXHIBIT & POSTER SESSION HOURS
Thursday, April 25 11:30am – 1:30pm 5:30pm – 7:30pm
Friday, April 26 11:00am – 1:00pm 7:00pm – 9:00pm
Saturday, April 27 11:30am – 1:30pm 5:45pm – 7:45pm

EXHIBITOR DISMANTLE HOURS
Sunday, April 28 8:00am – 5:00pm

POSTER SESSIONS
Poster sessions are held in the exhibit hall and authors will be present with their posters during exhibit hall hours. Lunch will be available during the afternoon poster session hours and hors d’oeuvres and an open bar are available during the evening poster session hours.

PUBLISHING OF ABSTRACTS
The abstracts submitted to the 2013 Annual Meeting are published in the April issue of *Journal of Clinical Immunology*, the official journal of the Clinical Immunology Society. Copies are available at the CIS registration desk.

ACCESSIBILITY
If you require special arrangements in order to fully participate in the CIS Annual Meeting, please speak with a CIS staff member at the registration desk.

NAME BADGES
All registered attendees at the CIS Annual Meeting will receive a name badge as part of their registration packet. These badges should be worn at all times as they will be used to control access to sessions and activities.

SMOKING
Smoking is prohibited at all CIS Annual Meeting sessions and events.

EVALUATIONS
Delegates will have the opportunity to provide feedback on their experience at the 2013 CIS Annual Meeting. After the meeting all registered delegates will receive an online evaluation to complete. Evaluations are an important part in helping us to improve our educational sessions so please take a moment to complete it!

CIS / BAXTER SCHOLARSHIP PROGRAM
Thanks to a generous grant from Baxter, we were able to offer one (1) $30,000 Fellowship Award and one (1) $30,000 Junior Faculty Award to two promising immunologists who have demonstrated a commitment to the study of primary immunodeficiency as a career path. Funding is to support the education and research endeavors of these individuals.

Congratulations to the Fellowship Award Winner:
Paul J. Maglione, MD PhD, Mt. Sinai Medical Center

Congratulations to the Junior Faculty Award Winner:
Sarah K. Nicholas, MD, Texas Children's Hospital

CIS / GRIFOLS FELLOWSHIP AWARD
Thanks to a generous grant from Grifols, we were able to offer one (1) $30,000 Fellowship Award to a promising immunologist who has demonstrated a commitment to the study of primary immunodeficiency as a career path. Funding is to support the education and research endeavors of this individual.

Congratulations to the Fellowship Award Winner:
Talal Imad Mousallem, Duke University

NIT / FIT MEET & GREET RECEPTION
The members of the CIS New-Immuneologists-in-Training / Fellows-in-Training (NIT / FIT) Committee invite you to attend the NIT / FIT Reception on Thursday, April 25th from 5:30 – 7:30pm. This is an opportunity for Fellows and Trainees to network with their colleagues and senior faculty. Come and mingle with the future leaders in the field of immunology as you meet the committee members and discuss their professional and committee-related goals.
CONTINUING MEDICAL EDUCATION INFORMATION

PURPOSE
The purpose is to provide an intellectual forum for all clinicians and researchers from around the world to discuss diagnosis, pathogenesis, and management of the regulation and dysregulation of immunity.

TARGET AUDIENCE
The target audience is physicians and researchers working in various clinical immunology specialties including, but not limited to, allergy, autoimmunity, dermatology, gastroenterology, hematology, infectious disease, primary immunodeficiency, rheumatology, and transplantation.

EXPECTED RESULTS
At the completion of the activity participants should be able to:
- Recognize the value of new research techniques;
- Describe new research findings in immunology;
- Explain the diagnosis and management of diseases and disorders across various subspecialties of medicine.

2013 ANNUAL MEETING PROGRAM COMMITTEE AND SPEAKER DISCLOSURES

Daniel C. Adelman, MD
ALVINE PHARMACEUTICALS, INC.
Stellar Biotechnologies — Scientific advisor receiving Honoraria
Alvine Pharmaceuticals, Inc. — Employee receives salary

John P. Atkinson, MD
WASHINGTON UNIVERSITY SCHOOL OF MEDICINE
Compliment Corporation — Membership on advisory committee or review committee receiving Ownership interest
Kypha, Inc — Membership on advisory committee or review committee receiving Ownership interest
Genentech, INC — Consulting receiving Consulting fee
Cellex Therapeutics — Consulting receiving Consulting fee
Alexion Pharmaceuticals, Inc — Consulting and Membership on advisory committee or review committee receiving Consulting fee

Rosa Bacchetta
SAN RAFFAELE TELETHON INSTITUTE FOR GENE THERAPY (HSR-TIGET), MILAN, ITALY
There are no relationships to disclose.

Sarah K. Browne, MD
NIAID, NIH
There are no relationships to disclose.

Rebecca H. Buckley, MD
DUKE UNIVERSITY MEDICAL CENTER
There are no relationships to disclose.

A. Wesley Burks, MD
UNC - CHAPEL HILL CHILDREN'S HOSPITAL
Merk — Consulting receiving Consulting fee
Mylan Specialty — Speaking and Teaching receiving Honoraria
Allertaein — Minority Stockholder receives stock

Fabio Candotti, MD
NATIONAL HUMAN GENOME RESEARCH INSTITUTE
There are no relationships to disclose.

Jean-Laurent Casanova, MD, PhD
ROCKEFELLER UNIVERSITY
There are no relationships to disclose.

Joseph A. Church, MD
KECK SCHOOL OF MEDICINE, UNIVERSITY OF SOUTHERN CALIFORNIA
Baxter Health Care — Consulting receiving Consulting fee
Grifols Therapeutics Inc. — Research Grant Recipient receiving Research Grant

Robert A. Eisenberg, MD
UNIVERSITY OF PENNSYLVANIA
Astellas — Consulting receiving consulting fees
Sands Capital Management — Consulting receiving consulting fees
Genentech — Consulting receiving consulting fees
B-Siege Biotech — Scientific board receives non-remunerative
Ajinomoto — Common Stock ownership for miniscule proportion of companies
BMS — Common Stock ownership for miniscule proportion of companies
Dupont — Common Stock ownership for miniscule proportion of companies
GE — Common Stock ownership for miniscule proportion of companies
Invesco Global Health Care - Common Stock ownership for miniscule proportion of companies
Corning — Common Stock ownership for miniscule proportion of companies
J&J — Common Stock ownership for miniscule proportion of companies
Eli Lilly — Common Stock ownership for miniscule proportion of companies
Merck — Common Stock ownership for miniscule proportion of companies
P&G — Common Stock ownership for miniscule proportion of companies

Emilia Liana Falcone, MD
NATIONAL INSTITUTES OF HEALTH
There are no relationships to disclose.

C. Garrison Fathman, MD
STANFORD UNIVERSITY MEDICAL SCHOOL
There are no relationships to disclose.

Gilberto Filaci, MD, PhD
UNIVERSITY OF GENOA
There are no relationships to disclose.

ACCME ACCREDITATION STATEMENT
This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the sponsorship of the Clinical Immunology Society (CIS). The CIS is accredited by the ACCME to provide continuing medical education for physicians.

DESIGNATION STATEMENT
The Clinical Immunology Society designates this live activity for a maximum of 18.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

CLAIMING CME
To claim CME credit and print out your CME certificate and/or certificate of attendance, please visit http://www.cinimmssoc.org/cme/am13.
2013 ANNUAL MEETING PROGRAM COMMITTEE AND SPEAKER DISCLOSURES

Thomas A. Fleisher, MD  
NATIONAL INSTITUTES OF HEALTH  
There are no relationships to disclose.

B. Brett Finlay  
UNIVERSITY OF BRITISH COLUMBIA  
There are no relationships to disclose.

Michael M. Frank, MD  
DUKE UNIVERSITY MEDICAL CENTER  
Robert Michael Educational Institute - Speaking and Teaching receiving Honoraria  
CSL Behring – Consulting receiving Consulting fee

James L. Gulley, MD, PhD, FACP  
NATIONAL CANCER INSTITUTE  
There are no relationships to disclose.

Hal M. Hoffman, MD  
Rady Children’s Hospital  
Novartis – Consulting receiving Consulting fee and Honoraria  
Sobi – Consulting receiving consulting fee; Speaking and Teaching receiving Honoraria;  
Membership on advisory committee or review committee receiving Consulting fee  
Regeneron – Consulting receiving Consulting fee

Steven M. Holland, MD  
NIAID, NIH  
There are no relationships to disclose.

Carl June, MD  
University of Pennsylvania School of Medicine  
At time of program printing, no Disclosures were received

Charles H. Kirkpatrick, MD  
University Colorado Health Science Center  
Pharring – Research Grant receiving Grant Recipient  
Jerini – Research Grant receiving Grant Recipient  
Dyax Corp. – Consulting receiving consulting fee

Xiao-Fei Kong, MD, PhD  
The Rockefeller University  
There are no relationships to disclose.

Donald B. Kohn, MD  
University of California, Los Angeles  
There are no relationships to disclose.

Caroline Y. Kuo, MD  
David Geffen School of Medicine at UCLA  
There are no relationships to disclose.

Mark Larché, PhD  
McMaster University  
Circassia Limited – Consulting receiving consulting fee; Intellectual property rights receiving Ownership interest  
Adiga Life Sciences – Consulting receiving Honoraria  
Abbott – Consulting receiving Honoraria

W. Ian Lipkin, MD  
Columbia University  
There are no relationships to disclose.

Harry L. Malech, MD  
NATIONAL INSTITUTES OF HEALTH  
There are no relationships to disclose.

Claudia Mauri, PhD  
University College London  
There are no relationships to disclose.

Eric Meffre, PhD  
Yale University School of Medicine  
Nimbus Discovery Inc. – Consulting receiving Consulting fee

Joshua Milner, MD  
NIAID, NIH  
There are no relationships to disclose.

Eric G. Pamer  
Memorial Sloan-Kettering Cancer Center  
There are no relationships to disclose.

Charles Parker  
University of Utah School of Medicine  
There are no relationships to disclose.

Elena Elizabeth Perez, MD, PhD  
University of Miami  
Baxter – Consulting receiving Honoraria  
CSL Berhing – Consulting receiving Honoraria  
Vidara Therapeutics Inc. – Consulting receiving Honoraria

Jeffrey V. Ravetch, MD, PhD  
The Rockefeller University  
There are no relationships to disclose.

David J. Rawlings, MD  
Seattle Children’s Research Institute  
There are no relationships to disclose.

Marc Riedl, MD  
UCLA David Geffen School of Medicine  
CSL Behring – Speaking and Teaching; Membership on advisory committee or review committee receiving Honoraria; Grant Recipient receiving Research Grant  
Dyax – Speaking and Teaching; Membership on advisory committee or review committee receiving Honoraria; Grant Recipient receiving Research Grant  
ViroPharma – Speaking and Teaching; Membership on advisory committee or review committee receiving Honoraria; Grant Recipient; receiving Research Grant  
Shire – Speaking and Teaching; Membership on advisory committee or review committee receiving Honoraria; Grant Recipient receiving Research Grant  
Pharming – Grant Recipient receiving Research Grant  
BioCryst – Membership on advisory committee or review committee receiving Honoraria  
Isis – Grant Recipient receiving Honoraria

Noel R. Rose, MD  
Johns Hopkins University  
There are no relationships to disclose.

Marc Elliott Rothenberg, MD, PhD  
Cincinnati Children’s Hospital Medical Center  
Immune Pharmaceutical – Consulting and Membership on advisory committee or review committee receiving Consulting fee and Ownership interest receiving  
Teva Pharmaceutical – Consulting receiving Royalty
2013 ANNUAL MEETING PROGRAM COMMITTEE AND SPEAKER DISCLOSURES

Lawrence B. Schwartz, MD, PhD
VIRGINIA COMMONWEALTH UNIVERSITY SCHOOL OF MEDICINE
BioLegend - Independent contractor receiving Royalty
Santa Cruz - Independent contractor receiving Royalty
Hycult - Independent contractor receiving Royalty
Millipore - Independent contractor receiving Royalty
Phadia (ThermoFisher) - Independent contractor receiving Royalty
Sanofi – Consulting receiving Consulting fee
Tekmira - Consulting receiving Consulting fee
Cecil’s Textbook of Medicine - Independent contractor receiving Royalty
Up-To-Date - Independent contractor receiving Royalty
Springer/J Clin Immunol Associate Editor - Independent contractor receiving Honoraria
Marshal Edwards Inc. - Consulting receiving Consulting fee

Silvia Selleri, PhD
CHU SAINTE-JUSTINE
There are no relationships to disclose.

Padmanee Sharma, MD, PhD
MD ANDERSON CANCER CENTER
Dendreon - Consulting receiving Consulting fee
BMS – Consulting receiving Consulting fee
Jounce - Consulting receiving Consulting fee and Ownership interest
Helsinn - Consulting receiving Consulting fee
MedImmune - Consulting receiving Consulting fee

Richard J. Smith, MD
UNIVERSITY OF IOWA
There are no relationships to disclose.

Ludvig M. Sollid
UNIVERSITY OF OSLO
Regeneron - Consulting receiving Consulting fee
ImmunsanT - Membership on advisory committee or review committee receiving Honoraria
Alvine Pharmaceuticals - Membership on advisory committee or review committee receiving Honoraria

Michael A. Spinner
NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES, NATIONAL INSTITUTES OF HEALTH
There are no relationships to disclose.

Warren Strober, MD
NIAID/NIH
There are no relationships to disclose.

Kathleen E. Sullivan, MD, PhD
CHILDREN’S HOSPITAL OF PHILADELPHIA
There are no relationships to disclose.

Matthias G. von Herrath, MD
LA JOLLA INSTITUTE ALLERGY AND IMMUNOLOGY/NOVONORDISK DIABETES R&D CENTER
NovoNordisk Diabetes R&D Center – Employment-Management position receives Salary

Troy R. Torgerson, MD, PhD
UNIVERSITY OF WASHINGTON
Baxter Biosciences - Membership on advisory board receiving consulting fees; Grant Recipient receiving Research Grant
CSL Behring - Grant Recipient receiving Research Grant

Duane Wesemann, MD, PhD
BRIGHAM AND WOMEN’S HOSPITAL
There are no relationships to disclose.

Bruce L. Zuraw, MD
UNIVERSITY OF CALIFORNIA SAN DIEGO
Shire - Grant Recipient receives Research Grant
Dyax - Consulting receives consulting fee; Speaking and Teaching receives Honoraria
CSL Behring - Consulting receives consulting fee
BioCryst - Consulting receives consulting fee
Isis - Consulting receives consulting fee
Sanofi Aventis - Consulting receives consulting fee
Novartis - Consulting receives consulting fee
Genzyme – Consulting receives consulting fee
NEIGHBORHOODS
Miami’s cultural diversity is apparent from the moment you set foot on its soil and hear the rise and fall of a dozen different languages being spoken. It is an easygoing beach town, a refugee camp, and a 24-hour party all at once.

MIAMI BEACH
When talking about Miami, the beach is the best place to start. In the 1940s, when vacationers began to arrive, Miami Beach was the center of the action. Although years have passed and times have changed, the beach remains a perennial hot spot. Enormous luxury resorts such as Fontainebleau and Eden Roc rise majestically against the skyline. Shops and restaurants line the streets, and who could forget the miles of white sand beach?

SOUTH BEACH
Once home to a number of retired citizens and starving artists, South Beach has now risen to international fame as a popular vacation destination. Every block is packed with restaurants, bars, shops, and — of course — dance clubs, each trendier, more glamorous and cutting-edge than the last. One could spend days soaking in the sights and sounds of South Beach. Take a walking tour along Ocean Drive or down Lincoln Road, where the beautiful people come out to play. Whether it’s three in the morning or three in the afternoon, there is bound to be plenty to do.

BAL HARBOUR
Located on the northern end of Miami Beach, Bal Harbour is the most exclusive neighborhood in Greater Miami. Luxury resorts sit serenely amid the lush foliage and palatial homes. No visit to this district is complete — or even begun — without a visit to the Bal Harbour Shops. Versace, Louis Vuitton, Fendi and Prada are just a few of the fashion houses that have retail outlets in this shopping center. Plenty of fine dining can be found in Bal Harbour. (If you’re on a budget, this isn’t the place to dine or shop!)

DOWNTOWN MIAMI
Although primarily a business district, there’s a lot to see and do downtown. Tour the design district between Northeast 36th and 41st Streets, or check out the museums in the Metro-Dade Cultural Center. Shoppers will delight in the Bayside Marketplace with its retail shops, open-air crafts market, half-dozen restaurants and pier. The Port of Miami is next to Bayside, where you can easily find a boat to take you on a tour around the bay.

CORAL GABLES
Coral Gables is a gated enclave crisscrossed by canals, just a few minutes drive from Downtown Miami. This small, tree-lined village is home to many of Miami’s most famous attractions, including the Biltmore Hotel, Venetian Pool and Miracle Mile. Excellent shopping and dining can be found on the Miracle Mile as well as on the side streets surrounding it.

COCONUT GROVE
Although this bustling district is one of the oldest in Miami, it seems to just be hitting its prime. Full of energy and creativity, the Grove is as busy as South Beach, but in a different way. Instead of attracting models and body builders, it draws in artists, writers and patrons of the arts. There are hundreds of fabulous shops and restaurants crammed within this small area, most of them located on the CocoWalk or on the Streets of Mayfair. The Coconut Grove Playhouse is one of the best live theater venues in the southeastern United States.

LITTLE HAVANA
This area is located west of Brickell Avenue and runs along the thoroughfare known as Calle Ocho (Southwest 8th Street). Many immigrants and refugees from Cuba have settled here, along with natives of Colombia, Guatemala, Puerto Rico and other Latin American countries. It is in this district that you can enjoy authentic salsa music, indulge in a complete Cuban meal that’s light on your wallet, or try a steaming cup of shockingly strong café cubano in an outdoor cafe.

NORTH MIAMI/AVENTURA
While it may be slightly out of the way, Aventura is easy to reach even without a car, thanks to the shuttle buses that run regularly from the major downtown hotels to the Aventura Mall. The mall is well worth a day trip, as it boasts over 250 shops, restaurants and attractions. This district is also home to dozens of excellent restaurants, many of them specializing in “Floribbean” cuisine.

MIAMI CHILDREN’S MUSEUM
This fascinating zoo with the family

MIAMI CHILDREN’S MUSEUM (2 miles)
Phone: 1-305-373-5437
Dedicated to enriching children’s lives, with interactive exhibits & more.
Fee: 15.00 USD

MIAMI SEAMUSEUM (3 miles)
Phone: 1-305-361-5705
38-acre aquatic park featuring fantastic themed animal shows
Fee: 37.95 USD

METROZOO (20.5 miles)
Phone: 1-305-251-0400
Spend a day exploring this fascinating zoo with the family
Fee: 15.00 USD
SHOPPING

AVENTURA MALL
19501 Biscayne Boulevard
Aventura, FL 33180
P: (305) 935-1110

Aventura Mall was voted Best Local Shopping Destination by the Miami Herald’s “Hot List” and ranks as one of the top five highest grossing malls in the country in sales per square foot. The 2.8 million square-foot multi-level mall recently completed a $22 million renovation featuring dramatic new architecture and distinctive design. Aventura Mall is also South Florida’s #1 shopping destination among international visitors. Aventura Mall is home to Nordstrom, Bloomingdale’s, Macy’s, Macy’s Men’s Home Furniture, JCPenney and Sears, more than 280 stores and restaurants, a 24-screen movie theater, and an artist-designed interactive playground, Rainbow Valley.

BAL HARBOUR SHOPS
9700 Collins Avenue
Miami Beach, FL 33154
P: (305) 866-0311

The Bal Harbour Shops are known throughout Miami as the one-stop-shop for all things designer. At this shopping center shoppers will find everything from luxury department stores like Saks Fifth Avenue to individual designer boutiques like Chanel, Gucci, Hermes, Prada, Jimmy Choo and many more. The Bal Harbour Shops also have quite a few delicious restaurants scattered throughout so you can keep your strength up so you shop but don’t drop.

BAYSIDE MARKETPLACE
401 Biscayne Boulevard, Suite R106
Miami, FL 33132
P: (305) 577-3344

To get the quintessential Miami experience, visit this lovely open-air market, where you can browse the artist's carts, sip an iced drink and stroll along the pier. More than 100 shops and 30 restaurants make this a wonderful place to shop. This is more than just a mall—it is a sweet slice of south Florida life. Located next to the American Airlines Arena and the Port of Miami, this is a great place to spend a few hours.

LINCOLN ROAD
Between 16th & 17th Street
Miami, FL 33139
P: (305) 531-3442

A stroll down the Lincoln Road is a must for all those visiting the South beach area. Traffic is not allowed on this Road that features some fabulous cinemas, bars, cafes, restaurants—you name it, it has it. It also houses the famous New World Symphony concert hall. Galleries that encourage budding artists also adorn the Lincoln Road; just the perfect place for those looking for some retail therapy at a leisurely pace minus the traffic.

DINING

THE CAPITAL GRILLE
(0.4 miles)
P: (305) 374-4500
Steakhouse
Open for lunch and dinner
Luscious dry-aged steaks, hand-carved chops and fresh seafood grace the menu of this outstanding, upscale restaurant.

CHOP HOUSE MIAMI
(0.1 miles)
P: (305) 938-9000
Steakhouse
Open for lunch and dinner
“A Destination for those who still share the secret pleasures of red meat, well-cut and seriously served.”—New York Times

GRIMPA STEAKHOUSE
(0.9 miles)
P: (305) 445-4757
Brazilian Steakhouse
Open for lunch and dinner

THE OCEANAIRE SEAFOOD ROOM
(0.6 miles)
P: (305) 372-8862
Seafood
Open for lunch and dinner

GORDON BIERSCHE BREWERY RESTAURANT
(0.7 miles)
P: (786) 425-1130
American
Open for lunch and dinner
Casual restaurant, sports entertainment
At CSL Behring, we are committed to saving lives and improving the quality of life for people with rare and serious diseases worldwide.

Through our continued focus on innovation, we develop new proteins of therapeutic benefit from plasma and new clinical indications for existing therapies, providing "Biotherapies for Life."

**CSL Behring**

www.CSLBehring.com

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**What matters most...People.**

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## 2013 CIS Annual Meeting Schedule At-a-Glance

<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>WEDNESDAY, APRIL 24</strong></td>
<td></td>
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</tr>
<tr>
<td>2:00pm - 7:00pm</td>
<td>Met Ballroom Pre-function</td>
<td>Exhibitor Move-in</td>
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<tr>
<td>4:00pm - 7:00pm</td>
<td>Met Ballroom 1 - 4</td>
<td>Speaker Ready Room</td>
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<tr>
<td>4:00pm - 7:00pm</td>
<td>Met Ballroom 5 - 7</td>
<td>Registration Open</td>
</tr>
<tr>
<td>5:00pm - 7:00pm</td>
<td>Junior Ballroom AB</td>
<td>CIS Council Meeting</td>
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<tr>
<td><strong>THURSDAY, APRIL 25</strong></td>
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<tr>
<td>6:00am - 11:30am</td>
<td>Met Ballroom 1 - 4</td>
<td>Exhibitor Move-in</td>
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<tr>
<td>7:30am - 5:30pm</td>
<td>Met Ballroom 5 - 7</td>
<td>Speaker Ready Room</td>
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<tr>
<td>7:30am - 7:00pm</td>
<td>Junior Ballroom AB</td>
<td>Registration Open</td>
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<tr>
<td>7:30am - 9:00am</td>
<td>Gallery 4</td>
<td>Breakfast</td>
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<tr>
<td>8:00am - 5:30pm</td>
<td>Met Ballroom 1 - 4</td>
<td>Update in PID</td>
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<tr>
<td>11:30am - 1:30pm</td>
<td>Junior Ballroom C</td>
<td>Exhibit Hall Open</td>
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<tr>
<td>11:45am - 12:30pm</td>
<td>Met Ballroom 5 - 7</td>
<td>Update in PID Guided Poster Session</td>
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<tr>
<td>12:30pm - 1:30pm</td>
<td>Gallery 4</td>
<td>Lunch</td>
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<tr>
<td>5:30pm - 7:30pm</td>
<td>Met Ballroom 5 - 7</td>
<td>Exhibit Hall Open</td>
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<tr>
<td>5:30pm - 7:30pm</td>
<td>Gallery 4</td>
<td>NIT/FIT Meet-&amp;-Greet Reception</td>
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<tr>
<td><strong>FRIDAY, APRIL 26</strong></td>
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<tr>
<td>7:30am - 7:00pm</td>
<td>Met Ballroom 1 - 4</td>
<td>Speaker Ready Room</td>
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<td>7:30am - 9:00am</td>
<td>Met Ballroom Pre-function</td>
<td>Breakfast</td>
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<tr>
<td>7:30am - 7:00pm</td>
<td>Met Ballroom 5 - 7</td>
<td>Registration Open</td>
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<tr>
<td>8:00am - 9:00am</td>
<td>Met Ballroom Pre-function</td>
<td>Tales From the Listserv</td>
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<tr>
<td>9:15am - 11:15am</td>
<td>Met Ballroom 5 - 7</td>
<td>From Diagnostics to Genetics</td>
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<tr>
<td>11:00am - 1:00pm</td>
<td>Met Ballroom Pre-function</td>
<td>Exhibit / Poster Hall Open</td>
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<tr>
<td>11:15am - 11:45am</td>
<td>Met Ballroom 5 - 7</td>
<td>Guided Poster Session</td>
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<tr>
<td>11:45am - 12:45pm</td>
<td>Met Ballroom Pre-function</td>
<td>Lunch</td>
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<tr>
<td>11:45am - 12:45pm</td>
<td>Met Ballroom 5 - 7</td>
<td>CIS Membership Committee Meeting</td>
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<tr>
<td>12:45pm - 2:45pm</td>
<td>Met Ballroom 5 - 7</td>
<td>Mucosal Immunology</td>
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<tr>
<td>3:00pm - 4:15pm</td>
<td>Met Ballroom 5 - 7</td>
<td>Susceptibility to Fungal Infections</td>
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<tr>
<td>4:30pm - 6:00pm</td>
<td>Met Ballroom 5 - 7</td>
<td>Tolerance in Autoimmunity</td>
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<tr>
<td>6:00pm - 7:00pm</td>
<td>Met Ballroom 5 - 7</td>
<td>Fahey/Rose Founders Lecture</td>
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<tr>
<td>7:00pm - 9:00pm</td>
<td>Met Ballroom Pre-function</td>
<td>Exhibit Hall Open</td>
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<tr>
<td>7:00pm - 9:00pm</td>
<td>Met Ballroom 5 - 7</td>
<td>CIS Past Presidents' Reception</td>
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</table>
# 2013 CIS Annual Meeting Schedule At-a-Glance

<table>
<thead>
<tr>
<th>Time</th>
<th>Met Ballroom Pre-function</th>
<th>Met Ballroom 1 - 4</th>
<th>Met Ballroom 5 - 7</th>
<th>Junior Ballroom AB</th>
<th>Junior Ballroom A</th>
<th>Gallery 4</th>
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<tr>
<td><strong>SATURDAY, APRIL 27</strong></td>
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<td>9:15am - 11:15am</td>
<td>Immunotherapy in Cancer</td>
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<tr>
<td>11:15am - 11:45am</td>
<td>CIS Business Meeting</td>
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<td>11:30am - 1:30pm</td>
<td>Exhibit/Poster Hall Open</td>
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<td>11:45am - 12:15pm</td>
<td>Guided Poster Session</td>
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<td>Lunch</td>
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<td>1:15pm - 2:45pm</td>
<td>Translational Cutting-Edge Development in Complement</td>
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<td>3:00pm - 5:15pm</td>
<td>Tolerance in Hypersensitivity</td>
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<td>5:15pm - 5:45pm</td>
<td>CIS Presidential Award Presentation</td>
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<td>5:45pm - 7:45pm</td>
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<td><strong>SUNDAY, APRIL 28</strong></td>
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<td>8:00am - 5:00pm</td>
<td>Exhibit Hall Tear Down</td>
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<tr>
<td>9:45am - 11:45am</td>
<td>Host Microbial Interactions / Pathogen Discovery</td>
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</table>
SCHEDULE OF EVENTS

THURSDAY, APRIL 25

8:00am – 5:30pm  Update in Primary Immunodeficiency Diseases  
MET BALLROOM 5 - 7

5:30pm – 7:30pm  NIT/FIT Meet-and-Greet Reception  
MET BALLROOM 1 - 4

The members of the CIS New-Immunologists-in-Training / Fellows-in-Training (NIT / FIT) Committee invite you to attend the NIT / FIT Reception on Thursday, April 25th from 5:30 – 7:30pm. This is an opportunity for Fellows and Trainees to network with their colleagues and senior faculty. Come and mingle with the future leaders in the field of immunology as you meet the committee members and discuss their professional and committee-related goals.

FRIDAY, APRIL 26

8:00am – 9:00am  Tales from the Listserv  
MET BALLROOM 5 - 7

Moderator:  
Elie Haddad, MD, PhD  
CHU Ste-Justine, University of Montreal

Speakers:  
Asymptomatic Hypogammaglobulinemia  
Joseph A. Church, MD  
Children's Hospital of Los Angeles

Warts and T Cell Lymphopenia  
Charles H. Kirkpatrick, MD  
University Colorado Health Science Center

IPEx Question  
Elena E. Perez, MD, PhD  
University of Miami School of Medicine

9:00am – 9:15am  Morning Break  
MET BALLROOM PRE-FUNCTION

9:15am – 11:15am  Plenary: From Diagnostics to Genetics  
MET BALLROOM 5 - 7

Moderator:  
Troy Torgerson, MD, PhD  
University of Washington

Speakers:  
Jean-Laurent Casanova, MD, PhD  
The Rockefeller University

Hal M. Hoffman, MD  
University of California, San Diego

Identifying tissue-specific and disease-related gene expression in the pathogenesis of T1D in mouse and man  
C. Garrison Fathman, MD  
Stanford University School of Medicine

Oral Abstracts:  
GATA2 Deficiency: Extended Clinical Phenotype in 57 Patients  
Michael A. Spinner, NIAID, NIH

Gene Dosage Effects of Interferon Receptors in the Chronic Mucocutaneous Candidiasis of Down Syndrome  
Xiao-Fei Kong  
The Rockefeller University

11:15am – 11:45pm  Guided Poster Session #1  
MET BALLROOM 1 - 4

Moderator:  
Dr. Jack Routes

POSTER #: 13  
2349: AN UNUSUAL PRESENTATION OF MONOMAC  
Christina Gagliardo, New York Presbyterian Hospital - Columbia University Medical Center

POSTER #: 20  
2330: THYMUS TRANSPLANTATION IN A THREE YEAR OLD CHILD WHO DID NOT DEVELOP SUFFICIENT NAIVE CD4 T CELLS AFTER PARENTAL BONE MARROW STEM CELL TRANSPLANTATION  
Elizabeth A. McCarthy, Duke University Medical Center

POSTER #: 60  
2292: IMMUNE DYSFUNCTION WITH COENZYME Q10 DEFICIENCY IMPROVES AFTER COENZYME Q10 REPLACEMENT IN A FOUR YEAR-OLD CHILD WITH RECURRENT INFECTIONS  
Samira Farough, MassGeneral Hospital for Children

POSTER #: 68  
2376: CASE REPORT OF 2 PATIENTS WITH COMMON VARIABLE IMMUNODEFICIENCY (CVID) AND DEBILITATING CHRONIC URTICARIA/ANGIOEDEMA (CUA)  
Solrun Melkorka Maggadottir, Children's Hospital of Philadelphia

POSTER #: 69  
2416: IMMUNE DYSREGULATION, TELOMERE SHORTENING, AND LIVER DISEASE IN A PEDIATRIC PATIENT: A THERAPEUTIC DILEMMA  
Timothy Lax, Massachusetts General Hospital

POSTER #: 44  
2396: ALLOGENEIC TRANSPLANTATION FOR X-LINKED HYPER IgM SYNDROME- A SINGLE INSTITUTION EXPERIENCE  
Sharat Chandra, Cincinnati Children's Hospital Medical Center

POSTER #: 23  
2438: TACKLING THE HETEROGENEITY IN PATIENTS WITH CHRONIC MUCOCUTANEOUS CANDIDIASIS CAUSED BY MUTATIONS IN THE STAT1 DNA-BINDING DOMAIN  
Heidi Schaballie, University Hospitals Leuven

POSTER #: 11  
2419: A SUCCESSFUL PREGNANCY AND DELIVERY IN A PATIENT WITH ATAXIA-TELANGIECTASIA  
Burcin Uygungil, Johns Hopkins Hospital

POSTER #: 6  
2362: KINETICS OF IgM AND IgA ANTIBODY RESPONSE TO 23-VALENT PNEUMOCOCCAL POLYSACCHARIDE VACCINATION IN HEALTHY SUBJECTS  
Antony Parker, The Binding Site

11:45pm – 12:45pm  Lunch / Poster Viewing / Exhibit Hall Open  
MET BALLROOM 1 - 4

11:45am – 12:45pm  CIS Communications Committee Meeting  
JUNIOR BALLROOM C
SCHEDULE OF EVENTS, CONTINUED

12:45pm – 2:45pm  Plenary: Mucosal Immunology  
MET BALLROOM 5 - 7  
Moderator:  Daniel Adelman, MD University of California, San Francisco  
Speakers:  
- Discovery and understanding of a new chronic food allergy disorder: Eosinophilic Esophagitis  
  Marc E. Rothenberg, MD, PhD Cincinnati Children’s Hospital Medical Center  
- Immunologic Insights into Inflammatory Bowel Diseases  
  Warren Strober, MD NIAID, NIH  
- Autoimmunity, Mucosal and Extra-Intestinal Inflammation in Celiac Disease  
  Ludvig Sollid, MD, PhD Oslo University Hospital Rikshospitalet  
Oral Abstracts:  
- Gastrointestinal Manifestations in Autosomal Recessive Chronic Granulomatous Disease  
  Emilia L. Falcone, MD NIH  
- Development and Education of Early B Lineage Cells in the Gut Lamina Propria  
  Duane R. Wesemann, MD, PhD Brigham and Women’s Hospital

2:45pm – 3:00pm  Afternoon Break  
MET BALLROOM PRE-FUNCTION

3:00pm – 4:15pm  Plenary: Susceptibility to Infections  
MET BALLROOM 5 - 7  
Moderator:  John M. Routes, MD Medical College of Wisconsin  
Speakers:  
- John-Laurent Casanova, MD, PhD The Rockefeller University  
- Steven M. Holland, MD NIAID, NIH  
Oral Abstract:  
- Anti-Granulocyte-Macrophage Colony Stimulating Factor Autoantibodies in Patients with Cryptococcal Meningitis  
  Sarah K. Browne, MD NIAID, NIH

4:15pm – 4:30pm  Afternoon Break  
MET BALLROOM PRE-FUNCTION

4:30pm – 6:00pm  Plenary: Tolerance in Autoimmunity  
MET BALLROOM 5 - 7  
Moderator:  Robert Eisenberg, MD University of Pennsylvania  
Speakers:  
- Understanding Human Autoreactive B cells and Tolerance Checkpoints  
  Eric Meffre, PhD Yale University  
- Immune Regulatory Function of B Lymphocytes  
  Claudia Mauri, PhD University College London  
Oral Abstracts:  
- Non-Coding RNA Regulation of TNF Alpha  
  Kathleen E. Sullivan, MD, PhD Children’s Hospital of Philadelphia  
- Cord Blood-Derived Mesenchymal Stromal Cells Down-Modulate CD4+ T-Cell Activation by Inducing IL-10 Producing TH1 Cells  
  Silvia Selleri CHU Sainte-Justine

6:00pm – 7:00pm  The CIS Fahey/Rose Founders Lecture  
MET BALLROOM 5 - 7  
Moderator:  Lawrence Schwartz, MD, PhD  
Speaker:  Jeffrey V. Ravetch, MD, PhD The Rockefeller University

7:00pm – 9:00pm  CIS Past Presidents Reception

SATURDAY, APRIL 27

9:15am – 11:15am  Plenary: Immunotherapy in Cancer  
MET BALLROOM 5 - 7  
Moderator:  Padmanee Sharma, MD, PhD M.D. Anderson Cancer Center  
Speakers:  
- Carl June, MD University of Pennsylvania  
- Padmanee Sharma, MD, PhD M.D. Anderson Cancer Center  
- James L. Gulley, MD, PhD National Cancer Institute  
Oral Abstract:  
- CD39 is Highly Involved in Mediating the Suppression Activity of Tumor Infiltrating CD8+ T Regulatory Lymphocytes  
  MTECS-Induced Apoptosis of Melanoma-Specific CD8+ T Lymphocytes is Regulated by AIRE Polymorphisms  
  Gilberto Filaci, MD University of Genoa

11:15am – 12:15pm  CIS Business Meeting  
MET BALLROOM 5 - 7

11:45am – 12:15pm  Guided Poster Session #2  
MET BALLROOM 1 - 4  
Moderator:  Dr. Larry Schwartz  
POSTER #: 4  
2363: DEFECTS in IL-12 / IFN-Y AXIS: A NEW PERSPECTIVE ON DEVELOPMENT AND ESTABLISHMENT OF WHEEZING  
  Angela Falci, University of São Paulo  
POSTER #: 18  
2325: MULTIPLE GENE EXPRESSION ANALYSIS IN CD4, CD8 AND CD19 SUBSETS FOR PATIENTS AT-RISK AND WITH TYPE 1 DIABETES  
  Dongmei Han, University of Miami Miller School of Medicine  
POSTER #: 21  
2255: IDENTIFICATION AND VALIDATION OF SHRIMP-TROPOMYSIN CD4 T CELL EPITOPES  
  Eugene V. Ravkov, ARUP Institute for Clinical and Experimental Pathology  
POSTER #: 59  
2435: HARMONIN AUTOANTIBODES MEASURED BY LIPS AS SPECIFIC MARKERS FOR THE DIFFERENTIAL DIAGNOSIS OF IPEX AND IPEX-LIKE SYNDROMES  
  Rosa Bacchetta, San Raffaele Telethon Institute for Gene Therapy (HSR-TIGET), Milan, Italy  
POSTER #: 72  
2380: PREDICTION OF EARLY/IMMEDIATE AND LONG-TERM OUTCOME FOLLOWING RENAL TRANSPLANTATION USING PERIOPERATIVE MEASUREMENTS OF SELECTED LEVELS OF COMPLEMENT-DERIVED ANAPHYLATOXINS AND MOLECULES  
  Wojciech Blogowski, Pomeranian Medical University in Szczecin
**SCHEDULE OF EVENTS, CONTINUED**

**Moderator:** Dr. Matthias von Herrath  
**POSTER #: 43**  
2430: NOVEL GAIN OF FUNCTION MUTATION IN STAT1 ASSOCIATED WITH DISSEMINATED ZYgomycosis  
Mary E. Hanks, LCID/NIH  
**POSTER #: 34**  
2275: AN ATYPICAL CASE OF MHCII EXPRESSION DEFICIENCY TREATED WITH BONE MARROW TRANSPLANT  
Joud Hajjar, Virginia Commonwealth University  
**POSTER #: 27**  
2456: AUTOLOGOUS TGF-ß IS REQUIRED FOR FOXP3 INDUCTION, IL-10 EXPRESSION, AND SUPPRESSIVE FUNCTION OF HUMAN TR1 CELLS  
James W. Verbsky, Medical College of Wisconsin  
**POSTER #: 25**  
2332: SERUM INTERLEUKIN-18 AS A POTENTIAL PREDICTOR OF RESPONSE TO INTERFERON/ RIBAVIRIN THERAPY IN HCV-INFECTED EGYPTIAN PATIENTS  
Howayda M. Hassoba, FOM/SCU  
**POSTER #: 10**  
2395: PRIMARY CILIARY DYSKINESIA (PCD) WITH NORMAL CILIARY STRUCTURE ON ELECTRON MICROSCOPY (EM) AND ASSOCIATED GENE MUTATIONS  
Bob Geng, UCLA Medical Center

**12:15pm – 1:15pm**  
Lunch / Poster Viewing / Exhibit Hall Open  
MET BALLROOM 1 - 4

**1:15pm – 2:45pm**  
**Session 1: Translational Cutting-Edge Developments in Complement**  
MET BALLROOM 5 - 7  
**Moderator:** John P. Atkinson, MD Washington University School of Medicine  
**Speakers:**  
PNIH  
Charles Parker, MD University of Utah School of Medicine  
Atypical hemolytic uremic syndrome and age-related macular degeneration: too much complement at the beginning and end of life  
John P. Atkinson, MD Washington University School of Medicine  
aHUS and C3Gs - 2013 State of the Art  
Richard J. Smith, MD University of Iowa

**Oral Abstracts:**  
Targeted Gene Therapy in the Treatment of X-Linked Hyper IgM Syndrome  
Caroline Y. Kuo David Geffen School of Medicine at UCLA  
FOX3 Gene Transfer Converts FOX3-Mutated Effector T Cells into Regulatory T Cells: Towards Gene Therapy for IPEX Syndrome  
Rosa Bacchetta, MD San Raffaele Telethon Institute for Gene Therapy (HSR-TIGET)

**2:45pm – 3:00pm**  
Afternoon Break  
MET BALLROOM PRE-FUNCTION

**3:00pm – 5:15pm**  
**Plenary: Tolerance in Hypersensitivity**  
MET BALLROOM 5 - 7  
**Moderator:** Lawrence Schwartz, MD, PhD Virginia Commonwealth University  
**Speakers:**  
Mark Larché, MD McMaster University  
Lawrence Schwartz, MD, PhD Virginia Commonwealth University  
Immunologic Tolerance in Food Allergy  
Matthias von Herrath, MD La Jolla Institute Allergy and Immunology  
A. Wesley Burks, MD UNC - Chapel Hill Children's Hospital  
**Oral Abstracts:**  
The Role of Eosinophils in Autoimmune Disease  
Noel R. Rose, MD, PhD Johns Hopkins University

**5:15pm – 5:45pm**  
Presidential Award Presentation  
MET BALLROOM 5 - 7  
**Speaker:** Rebecca Buckley, MD Duke University Medical Center

**5:45pm – 7:45pm**  
Reception  
MET BALLROOM 1 - 4

**SUNDAY, APRIL 28**

**8:00am – 9:30am**  
**HAE**  
MET BALLROOM 5 - 7  
**Moderator:** Kathleen E. Sullivan, MD, PhD Children’s Hospital of Philadelphia  
**Speakers:**  
Marc Riedl, MD UCLA David Geffen School of Medicine  
Bruce L. Zuraw, MD University of California San Diego  
Michael M. Frank, MD Duke University Medical Center

**9:30am – 9:45am**  
Morning Break  
MET BALLROOM PRE-FUNCTION

**9:45am – 11:45am**  
**Plenary: Host Microbial Interactions / Pathogen Discovery**  
MET BALLROOM 5 - 7  
**Moderator:** Steven M. Holland, MD NIAID, NIH  
**Speakers:**  
Eric Pamer Memorial Sloan Kettering  
B. Brett Finlay The University of British Columbia  
Ian Lipkin, MD Columbia University
EXHIBIT HALL FLOOR PLAN

Booth #: 109
WALGREENS SPECIALTY INFUSION
Walgreens Infusion Services is the nation’s largest provider of home and alternate treatment site infusion services. With a staff of more than 1,400 clinicians and over 70 infusion pharmacies nationally, Walgreens Infusion Services IG Program treats patients with a wide range of conditions requiring IG therapy. IG trained clinicians and insurance experts are available to support you and your patients 24 hours a day every day. Last year Crescent Healthcare joined the Walgreens team, bringing together two clinical leaders in home and alternate site IG services.

Booth #: 111
CLINICAL IMMUNOLOGY SOCIETY
(414) 224-8095
www.clinimmsoc.org

The Clinical Immunology Society (CIS), established in 1986, is the key interdisciplinary organization for the field of clinical immunology and is devoted to fostering developments in the science and practice of clinical immunology. CIS is an international professional organization which includes more than 600 clinicians, investigators, and trainees. The mission of CIS is to facilitate education, translational research and novel approaches to therapy in clinical immunology to promote excellence in the care of patients with immunologic/inflammatory disorders.

Booth #: 201
BAXTER BIOSCIENCE
Baxter provides purified plasma treatments containing antibodies called immunoglobulins that help Primary Immune Deficiency patients fight off infection. Immunoglobulins are also indicated to treat a number of conditions including Kawasaki Syndrome, Chronic Lymphocytic Leukemia (CLL) and Idiopathic Thrombocytopenic Purpura (ITP).

Booth #: 207
GRIFOLS
Grifols is a global healthcare company whose mission is to improve the health and well-being of people around the world. We have three primary divisions – Bioscience, Diagnostic and Hospital – that develop, produce and market our innovative products and services to medical professionals in more than 100 countries around the world.
EXHIBITORS

Booth #: 208
GENEDX
GeneDx was founded in 2000 by two scientists from the National Institutes of Health (NIH) to address the needs of patients and clinicians in diagnosing rare inherited disorders. Currently, GeneDx offers testing for more than 350 rare Mendelian disorders, whole exome sequencing, oligonucleotide microarray-based testing for detecting chromosomal abnormalities, and next-gen panels for inherited cardiac disorders, neurological disorders, metabolic disorders, eye disorders, immunological disorders and mitochondrial disorders. Our highly trained and experienced physicians, geneticists, and genetic counselors work as a team to bring gene discoveries to clinical medicine for use in direct patient care. For more information, visit www.GeneDx.com or contact GeneDx@GeneDx.com.

Booth #: 209
VIDARA THERAPEUTICS, INC.
ACTIMMUNE® (interferon-gamma-1b), a biologic response modifier, is a sterile, clear, colorless solution filled in a single-use vial for subcutaneous injection. ACTIMMUNE® is indicated for reducing the frequency and severity of serious infections associated with Chronic Granulomatous Disease (CGD). CGD is an inherited disorder of leukocyte function caused by defects in the enzyme complex responsible for phagocyte superoxide generation. ACTIMMUNE® is also indicated for delaying time to disease progression in patients with Severe, Malignant Osteopetrosis. Severe, Malignant Osteopetrosis is an inherited disorder characterized by an osteoclast defect, leading to bone overgrowth, and deficient phagocyte oxidative metabolism.

Booth #: 210
THE BINDING SITE
Binding Site is committed to the improvement of patient care by developing special protein assays and automated systems of the highest quality. Freelite®, developed and provided exclusively by Binding Site, is part of the standard-of-care for Myeloma diagnosis. We are also the market leaders for the investigation of immunoglobulin subclasses; our extensive portfolio includes assays for complement activity, optimized for the SPAPLUS, our flexible, reliable analyzer to meet any laboratory’s changing needs. With our extensive development expertise, patented antibody production and focus on education, we provide healthcare professionals with relevant tools to optimize workflow and improve patients' lives.

Booth #: 211
BIOTEST
Biotest Pharmaceuticals Corporation (BPC) researches and manufactures biotherapeutic products with a specialization in immunology and hematology. BPC is a leader in the collection of source plasma and is currently involved in the development of plasma protein products in the field of Primary Immune Deficiency (PID) and various hyperimmune (IG) products which are antibody specific to high titer for treatment of modality.

Booth #: 212
BIO PRODUCTS LABORATORY
Bio Products Laboratory services the US market with Gammaphex Immune Globulin Intravenous (Human), 5% liquid. BPL's Mission is to provide continuous and competitive supply of high quality plasma delivered products to a growing global market through investing in the latest research, technology and manufacturing methods and by ensuring ongoing and responsive support to health professionals throughout the world.

Booth #: 213
WORLD ALLERGY ORGANIZATION
The World Allergy Organization (WAO) is an international umbrella organization whose members consist of 89 regional and national allergology and clinical immunology societies from around the world. By collaborating with member societies, WAO is a global resource and advocate in the field of allergy, advancing excellence in clinical care through education, research and training as a worldwide alliance of allergy and clinical immunology societies in nearly 100 countries around the globe. Visit our booth to learn more about the WAO Symposium on Immunotherapy and Biologics to be held 13-14 December 2013 in Chicago, IL, USA. The Symposium is the first global meeting of its kind and will welcome basic and translational scientists, clinical immunologists, allergists and researchers interested in exploring the exciting field of Immunotherapy and Biologics.

Booth #: 307
CSL BEHRING
CSL Behring is a global leader in plasma protein therapeutics. The company manufactures safe and effective plasma derived and recombinant therapeutics for treating a wide range of disorders, primary immune deficiencies, hereditary angioedema and inherited respiratory disease, and for use in cardiac surgery, organ transplantation, burn treatment and to prevent hemolytic disease of the newborn. CSL Behring is a subsidiary of CSL Limited, a biopharmaceutical company with headquarters in Melbourne, Australia. For more information: www.cslbehring-us.com.

Booth #: 308
MEDICAL COLLEGE OF WISCONSIN
The Clinical Immunodiagnostic & Research Laboratory (CIRL) at MCW offers diagnostic flow cytometry for Primary Immunodeficiency (PID) diseases. CIRL and CHW's PID Clinics function as Jeffrey Modell Diagnostic & Patient Referral Center in Wisconsin since 2007. IDC is first in USA to pioneer statewide newborn screening for Severe Combined Immunodeficiency.

Booth #: 310
VIROPHARMA, INC.
Our product CINRYZE® (C1 Esterase Inhibitor [Human]) is indicated for routine prophylaxis against angioedema attacks in adolescent and adult patients with Hereditary Angioedema (HAE), a rare and potentially life threatening genetic inflammatory disorder.

Booth #: 311
AXELACARE
AxelaCare specializes in the administration of Immune Globulin IVIG and other infusible medications. We provide medications, treatment management, insurance support, home infusion nursing and advocacy services for patients with rare and chronic disease. Our proprietary clinical outcomes measurement system uses our infusion nurses and patients to enter physical assessments, quality of life, and disability/activities of daily living data into iPads. Validated data is collected and presented in simple graphical display via secure web access to clinicians to determine optimal care based on dose versus time and collected outcomes. Our mission is to empower people in the pursuit and delivery of exceptional patient care.
EXHIBITORS

Booth #: 312
BIORX
BioRx is a national provider and distributor of select specialty pharmaceuticals, related supplies, and clinical, reimbursement and in-home support services. BioRx specializes in the following disease/therapy areas: 1) hemophilia and related bleeding disorders, including the provision of anti-hemophilic clotting factors and highly customized support services, 2) immunology therapy (IVig and SCig), including related pumps, supplies and nursing services, 3) augmentation therapy for alpha-1 antitrypsin deficiency, 4) infusion and self-injection therapies for hereditary angioedema, and 5) enteral and parenteral infusion therapies for nutrition and digestive disorders.

Booth #: 314
GEORGETOWN UNIVERSITY IMMUNOLOGY CENTER
Bellanti’s long-awaited *Immunology IV: Clinical Applications in Health and Disease* is a completely rewritten 2012 edition of his classic textbook. The book brings the science of immunology to clinical practice. Each chapter is written by a noted authority who contributes state-of-the-art knowledge on each particular topic in a 1000+ page volume containing 25 chapters, over 800 vivid colored figures accompanied by an online multilevel teaching format with animations/hyperlinks, clinical case studies with interactive Q & A and continual clinically relevant updates. Come visit us in the Exhibit hall, Booth 314, for a book signing.

You Have the Clues, But Do You Have the Right Tools?

Binding Site offers diagnostic tests for the quantification of immunoglobulins, subclasses for IgG and IgA, and complement activity.

For more information visit:  
[www.thebindingsite.com](http://www.thebindingsite.com)

The Specialist Protein Company

[Image of a magnifying glass with immunodeficiency written in it.]

[Image of the Binding Site logo.]
<table>
<thead>
<tr>
<th>Poster #</th>
<th>ID</th>
<th>Title</th>
<th>Keywords</th>
<th>Presenting Author</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2421</td>
<td>EFFECT OF LYSOYLLINE ON THE IMMUNE RESPONSE IN ISLET TRANSPLANT PATIENTS</td>
<td>Autoimmunity; Transplant Immunology</td>
<td>Ana Hernandez, University of Miami Miller School of Medicine</td>
</tr>
<tr>
<td>2</td>
<td>2367</td>
<td>PRIMARY IMMUNODEFICIENCIES WITH DYSREGULATION</td>
<td>PID</td>
<td>Analía Gisela Seminario, Ricardo Gutiérrez Childrens Hospital</td>
</tr>
<tr>
<td>3</td>
<td>2368</td>
<td>FOLLICULAR BRONCHIOLITIS AND PHENOTYPE ASSOCIATED WITH CD 25 DEFICIENCY</td>
<td>PID</td>
<td>Analía Gisela Seminario, Ricardo Gutiérrez Childrens Hospital</td>
</tr>
<tr>
<td>4</td>
<td>2363</td>
<td>DEFECTS IN IL-12 / IFN-Y AXIS: A NEW PERSPECTIVE ON DEVELOPMENT AND ESTABLISHMENT OF WHEEZING</td>
<td>Immediate Hypersensitivity</td>
<td>Angela Falci, University of São Paulo</td>
</tr>
<tr>
<td>5</td>
<td>2315</td>
<td>THE SPECTRUM OF GUILLAIN-BARRE SYNDROME (GBS) IN PEDIATRICS – OVERLAP OF MILLER-FISHER (MFS), MOTOR-SENSORY (MS), AND AUTONOMIC (A) VARIANTS</td>
<td>Host Microbial Interactions; Pathogen Discovery; Autoimmunity</td>
<td>Annick Gaye, Catholic University of Louvain, Belgium</td>
</tr>
<tr>
<td>6</td>
<td>2362</td>
<td>KINETICS OF IgM AND IgA ANTIBODY RESPONSE TO 23-VALENT PNEUMOCOCCAL POLYSACCHARIDE VACCINATION IN HEALTHY SUBJECTS</td>
<td>PID</td>
<td>Antony Parker</td>
</tr>
<tr>
<td>7</td>
<td>2415</td>
<td>MOLECULAR AND STRUCTURAL CHARACTERIZATION OF A NOVEL MUTATION IN BRUTON TYROSINE KINASE</td>
<td>PID</td>
<td>Artemio M Jongco, Feinstein Institute of Medical Research</td>
</tr>
<tr>
<td>8</td>
<td>2433</td>
<td>NORMAL B-CELL FUNCTION WITHOUT B-CELLS: AN UNRESOLVED PUZZLE</td>
<td>PID</td>
<td>Blas Javier Larrauri, British Hospital of Buenos Aires</td>
</tr>
<tr>
<td>9</td>
<td>2310</td>
<td>STRONGLYLOIDES INFECTION OF IGA DEFICIENT HOST IN NON-ENDEMIC REGION</td>
<td>Host Microbial Interactions; Pathogen Discovery; Mucosal Immunology</td>
<td>Bob Geng, UCLA Medical Center</td>
</tr>
<tr>
<td>10</td>
<td>2395</td>
<td>PRIMARY CILIARY DYKINESIA (PCD) WITH NORMAL CILIARY STRUCTURE ON ELECTRON MICROSCOPY (EM) AND ASSOCIATED GENE MUTATIONS</td>
<td>Genetics</td>
<td>Bob Geng, UCLA Medical Center</td>
</tr>
<tr>
<td>11</td>
<td>2419</td>
<td>A SUCCESSFUL PREGNANCY AND DELIVERY IN A PATIENT WITH ATAXIA-TELANGIECTASIA</td>
<td>PID</td>
<td>Burcin Uygungil, Johns Hopkins Hospital</td>
</tr>
<tr>
<td>12</td>
<td>2432</td>
<td>UNMASKING IMMUNE DEFICIENCY IN AUTOIMMUNITY</td>
<td>Autoimmunity; PID</td>
<td>Christina C Price, Yale University School of Medicine</td>
</tr>
<tr>
<td>13</td>
<td>2349</td>
<td>AN UNUSUAL PRESENTATION OF MONOMAC</td>
<td>PID; Genetics</td>
<td>Christina Gagliardo, New York Presbyterian Hospital - Columbia University Medical Center</td>
</tr>
<tr>
<td>14</td>
<td>2231</td>
<td>SECONDARY HEMOPHAGOCYTIC LYMPHOHISTIOCYTOSIS (HLH) FROM A BROWN RECLUSE SPIDER BITE</td>
<td>PID</td>
<td>Christopher Dandoy, Cincinnati Children’s Hospital Medical Center</td>
</tr>
<tr>
<td>15</td>
<td>2446</td>
<td>FREQUENCY OF LYMPHOMAS IN A COHORT OF PATIENTS WITH COMMON VARIABLE IMMUNODEFICIENCY</td>
<td>PID</td>
<td>CM Kokron, University of São Paulo School of Medicine</td>
</tr>
<tr>
<td>16</td>
<td>2455</td>
<td>CASE REPORT: LEPROSY ASSOCIATED TO COMMON VARIABLE IMMUNODEFICIENCY</td>
<td>PID</td>
<td>CM Kokron, University of São Paulo School of Medicine</td>
</tr>
<tr>
<td>17</td>
<td>2347</td>
<td>ATYPICAL SCID WITH CD4 LYMHPHOPENIA, HYPERGAMMAGLOBULINEMIA, AND NEUTROPIA PRESENTING WITH DISSEMINATED VACCINE-STRAIN VARICELLA AND RUBELLA INFECTIONS</td>
<td>Host Microbial Interactions; Pathogen Discovery; PID</td>
<td>Diana K. Bayer, Baylor College of Medicine and Texas Children’s Hospital</td>
</tr>
<tr>
<td>18</td>
<td>2325</td>
<td>MULTIPLE GENE EXPRESSION ANALYSIS IN CD4, CD8 AND CD19 SUBSETS FOR PATIENTS AT-RISK AND WITH TYPE 1 DIABETES</td>
<td>Autoimmunity</td>
<td>Dongmei Han, University of Miami Miller School of Medicine</td>
</tr>
<tr>
<td>19</td>
<td>2392</td>
<td>TIMELY FOLLOW-UP OF A GATA2 DEFICIENCY PATIENT AS PREDICTOR OF SUCCESSFUL TREATMENT</td>
<td>Transplant Immunology</td>
<td>Eleonora Gambineri, Anna Meyer Children’s Hospital, Department of Sciences for Woman and Children’s Health, University of Florence</td>
</tr>
<tr>
<td>20</td>
<td>2330</td>
<td>THYMUS TRANSPLANTATION IN A THREE YEAR OLD CHILD WHO DID NOT DEVELOP SUFFICIENT NAIVE CD4 T CELLS AFTER PARENTAL BONE MARROW STEM CELL TRANSPLANTATION</td>
<td>Transplant Immunology; PID</td>
<td>Elizabeth A. McCarthy, Duke University Medical Center</td>
</tr>
<tr>
<td>21</td>
<td>2255</td>
<td>IDENTIFICATION AND VALIDATION OF SHRIMP-TROMPOMYOSIN CD4 T CELL EPITOPES</td>
<td>Immediate Hypersensitivity</td>
<td>Eugene V. Ravkov, ARUP Institute for Clinical and Experimental Pathology</td>
</tr>
<tr>
<td>22</td>
<td>2342</td>
<td>SEVERE COMBINED IMMUNODEFICIENCY DUE TO ADENOSINE DEAMINASE DEFICIENCY: EVIDENCE FROM THREE CASE REPORTS</td>
<td>PID</td>
<td>Ferah Genel, Dr.Behçet Uz Children’s Hospital</td>
</tr>
<tr>
<td>Poster #</td>
<td>ID</td>
<td>Title</td>
<td>Keywords</td>
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</tr>
<tr>
<td>23</td>
<td>2438</td>
<td>TACKLING THE HETEROGENEITY IN PATIENTS WITH CHRONIC MUCOCUTANEOUS</td>
<td>PID; Genetics</td>
<td>Heidi Schaballie</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CANDIDIASIS CAUSED BY MUTATIONS IN THE STAT1 DNA-BINDING DOMAIN</td>
<td></td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>2418</td>
<td>STRUCTURAL FEATURES OF THE PEYER'S PATCHES OF THE SMALL INTESTINE</td>
<td>Mucosal Immunology</td>
<td>Helen Morozova</td>
</tr>
<tr>
<td></td>
<td></td>
<td>UNDER THE INFLUENCE OF CYCLOPHOSPHAMIDE</td>
<td></td>
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</tr>
<tr>
<td>25</td>
<td>2332</td>
<td>SERUM INTERLEUKIN-18 AS A POTENTIAL PREDICTOR OF RESPONSE TO</td>
<td>Host Microbial Interactions/Pathogen</td>
<td>Howayda M Hassoba, FOM/SCU</td>
</tr>
<tr>
<td></td>
<td></td>
<td>INTERFERON/ RIBAVIRIN THERAPY IN HCV-INFECTED EGYPTIAN PATIENTS</td>
<td>Discovery</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>2357</td>
<td>DOUBLE NEGATIVE T CELLS IN PEDIATRIC AUTOIMMUNITY</td>
<td>Autoimmunity</td>
<td>James A. Tarbox, Washington University in St. Louis</td>
</tr>
<tr>
<td>27</td>
<td>2456</td>
<td>AUTOLOGOUS TGF-ß IS REQUIRED FOR FOXP3 INDUCTION, IL-10 EXPRESSION,</td>
<td>Autoimmunity</td>
<td>James W. Verbsky, Medical College of Wisconsin</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AND SUPPRESSIVE FUNCTION OF HUMAN TR1 CELLS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>2389</td>
<td>SERUM IMMUNOGLOBULIN LEVELS ARE ASSOCIATED WITH HEALTH-RELATED</td>
<td>PID</td>
<td>Jason Catanzaro, Case Western Reserve University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>QUALITY OF LIFE IN HUMORAL PRIMARY IMMUNODEFICIENCIES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>2269</td>
<td>ATOPIC DERMATITIS: MORE THAN ONE TREATMENT (A BRIEF CASE)</td>
<td>Genetics</td>
<td>Jennifer Harder, IMUNOPED</td>
</tr>
<tr>
<td>30</td>
<td>2442</td>
<td>SPOROTHERIX SCHENCKII LYMPHADENITIS IN A BOY WITH X-LINKED CHRONIC</td>
<td>PID</td>
<td>Jennifer Leiding, University of South Florida</td>
</tr>
<tr>
<td></td>
<td></td>
<td>GRANULOMATOUS DISEASE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>2366</td>
<td>TGFß REGULATES Pin1 STABILITY IN UBQUITIN DEPENDENT MANNER</td>
<td>Mucosal Immunology</td>
<td>Jiyong OH, University of Texas</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Southwestern Medical Center</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>2450</td>
<td>LUPUS PATIENT WITH IMPAIRED RECEPTOR EDITING HAS HETEROZYGOUS RAG2</td>
<td>Autoimmunity; PID</td>
<td>Jolan Walter, MassGeneral Hospital for Children</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MUTATION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>2275</td>
<td>AN ATYPICAL CASE OF MHCI EXPRESSION DEFICENCY TREATED WITH BONE</td>
<td>Transplant Immunology</td>
<td>Joud Hajjar</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MARROW TRANSPLANT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>2429</td>
<td>SCig VS iVig: LET'S GIVE PATIENTS THE CHOICE!</td>
<td>PID</td>
<td>Kathryn Samaan</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>2354</td>
<td>NEWLY DIAGNOSED CVID IN A PATIENT FOLLOWING TREATMENT FOR OSTEOSARCOMA</td>
<td>PID</td>
<td>Kara Crosby</td>
</tr>
<tr>
<td>36</td>
<td>2305</td>
<td>ESTABLISHMENT OF NEON BORN SCREENING FOR SCID / SEVERE T</td>
<td>PID</td>
<td>Marilia Kanegae, Institute of Biomedical Sciences</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LYMPHOCYTEPENIA IN SÃO PAULO</td>
<td></td>
<td></td>
</tr>
<tr>
<td>37</td>
<td>2398</td>
<td>PREDISPOSITION TO INFECTION AND SIRS IN OXIDATIVE PHOSPHORYLATION</td>
<td>PID</td>
<td>Melissa A Walker, MassGeneral Hospital for Children</td>
</tr>
<tr>
<td></td>
<td></td>
<td>DISORDERS: 8 YEARS' EXPERIENCE IN A NEW ENGLAND COHORT FOLLOWED AT</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>MASSACHUSETTS GENERAL HOSPITAL AND PARTNERS AFFILIATES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>38</td>
<td>2429</td>
<td>DOCK8 IS REQUIRED FOR ACTIN ACCUMULATION AT THE NK CELL LYTIC SYNAPSE</td>
<td>PID</td>
<td>Melissa Mizesko, Baylor College of Medicine</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AND NK CELL CYTOTOXIC FUNCTION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>39</td>
<td>2272</td>
<td>EFFECT OF XINKANG CAPSULE ON MCP-1 , VCAM-1, TNF-α EXPRESSION,</td>
<td>Host Microbial Interactions/Pathogen</td>
<td>Liang Xuguo</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NF-KB ACTIVATION IN VASCULAR SMOOTH MUSCLE OF RABBITS INDUCED BY</td>
<td>Discovery</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>HOMOCYSTEINE</td>
<td></td>
<td></td>
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<td>40</td>
<td>2430</td>
<td>SCig VS iVig: LET'S GIVE PATIENTS THE CHOICE!</td>
<td>PID</td>
<td>Kathryn Samaan</td>
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<tr>
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<td>41</td>
<td>2305</td>
<td>ESTABLISHMENT OF NEON BORN SCREENING FOR SCID / SEVERE T</td>
<td>PID</td>
<td>Marilia Kanegae, Institute of Biomedical Sciences</td>
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<td></td>
<td>LYMPHOCYTEPENIA IN SÃO PAULO</td>
<td></td>
<td></td>
</tr>
<tr>
<td>42</td>
<td>2430</td>
<td>NOVEL GAIN OF FUNCTION MUTATION IN STAT1 ASSOCIATED WITH DISSEMINATED</td>
<td>Genetics</td>
<td>Mary E Hanks</td>
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<tr>
<td></td>
<td></td>
<td>ZYGOMYCOSIS</td>
<td></td>
<td></td>
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<tr>
<td>43</td>
<td>2354</td>
<td>TGFß REGULATES Pin1 STABILITY IN UBQUITIN DEPENDENT MANNER</td>
<td>Mucosal Immunology</td>
<td>Jiyong OH, University of Texas</td>
</tr>
<tr>
<td></td>
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<td>Southwestern Medical Center</td>
<td></td>
</tr>
<tr>
<td>44</td>
<td>2272</td>
<td>EFFECT OF XINKANG CAPSULE ON MCP-1 , VCAM-1, TNF-α EXPRESSION,</td>
<td>Host Microbial Interactions/Pathogen</td>
<td>Liang Xuguo</td>
</tr>
<tr>
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<td>Discovery</td>
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<td>HOMOCYSTEINE</td>
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<td>45</td>
<td>2305</td>
<td>ESTABLISHMENT OF NEON BORN SCREENING FOR SCID / SEVERE T</td>
<td>PID</td>
<td>Marilia Kanegae, Institute of Biomedical Sciences</td>
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<td>LYMPHOCYTEPENIA IN SÃO PAULO</td>
<td></td>
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<tr>
<td>46</td>
<td>2430</td>
<td>NOVEL GAIN OF FUNCTION MUTATION IN STAT1 ASSOCIATED WITH DISSEMINATED</td>
<td>Genetics</td>
<td>Mary E Hanks</td>
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<td>ZYGOMYCOSIS</td>
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**POSTER LISTING, CONTINUED**
<table>
<thead>
<tr>
<th>Poster #</th>
<th>ID</th>
<th>Title</th>
<th>Keywords</th>
<th>Presenting Author</th>
</tr>
</thead>
<tbody>
<tr>
<td>46</td>
<td>2311</td>
<td>US IMMUNOLOGISTS PRESCRIBE THE SAME DOSES OF SCIG AND IVIG FOR TREATMENT OF PIDD</td>
<td>PID</td>
<td>Melvin Berger, CSL Behring LLC, King of Prussia, PA, USA</td>
</tr>
<tr>
<td>47</td>
<td>2270</td>
<td>PROINFLAMMATORY CYTOKINE GENE POLYMORPHISMS IN PATIENTS WITH ISCHEMIC HEART FAILURE</td>
<td>Genetics</td>
<td>Mona Hedaya, Boston Children's Hospital, Harvard Medical School</td>
</tr>
<tr>
<td>48</td>
<td>2377</td>
<td>A CASE OF RECURRENT MUCOCUTANEOUS CANDIDIASIS</td>
<td>PID</td>
<td>Nikita Raje, Children's Mercy Hospital &amp; Clinics</td>
</tr>
<tr>
<td>49</td>
<td>2426</td>
<td>DECREASED PROTEIN EXPRESSION OF NADPH OXIDASE RELATED TO MUTATION OF THE GENE ENCODING p47phox OF A GIRL WITH AUTOSOMAL CHRONIC GRANULOMATOUS DISEASE</td>
<td>PID</td>
<td>Nuria Bengala Zorro, Institute of biomedical Sciences</td>
</tr>
<tr>
<td>50</td>
<td>2383</td>
<td>CLINICAL CHARACTERISTICS OF INFANTS IDENTIFIED BY THE CONNECTICUT NEWBORN SCREEN FOR SEVERE COMBINED IMMUNE DEFICIENCY</td>
<td>PID</td>
<td>Odelya E Pagovich, Yale University School of Medicine</td>
</tr>
<tr>
<td>51</td>
<td>2280</td>
<td>COMMON VARIABLE IMMUNODEFICIENCY OR RITUXIMAB ADVERSE REACTION?</td>
<td>Autoimmunity; PID</td>
<td>Patricia Roessler,</td>
</tr>
<tr>
<td>52</td>
<td>2409</td>
<td>IMPROVED IgG3 LEVELS DURING SUBCUTANEOUS IMMUNOGLOBULIN THERAPY CORRELATED WITH REDUCED INFECTION RATE IN A WOMAN WITH COMMON VARIABLE IMMUNE DEFICIENCY</td>
<td>Complement and C1inh</td>
<td>Ralph Scott Shapiro, Midwest Immunology Clinic</td>
</tr>
<tr>
<td>53</td>
<td>2447</td>
<td>USE OF A 20% SUBCUTANEOUS IMMUNOGLOBULIN SOLUTION (HIZENTRA,¥) ALLOWS FOR LOWER TOTAL DOSING VOLUMES AND FEWER TREATMENT DAYS PER WEEK COMPARED TO A 16% SUBCUTANEOUS SOLUTION</td>
<td>PID</td>
<td>Ralph Scott Shapiro, Midwest Immunology Clinic</td>
</tr>
<tr>
<td>54</td>
<td>2370</td>
<td>ASSESSING THE VIAL REDUCTION ASSOCIATED WITH 30 GRAM GAMMAGARD LIQUID VIAL USE IN TREATING PRIMARY IMMUNODEFICIENCY (PI) PATIENTS IN REAL WORLD</td>
<td>PID</td>
<td>Ravi Iyer, Baxter Healthcare Corp</td>
</tr>
<tr>
<td>55</td>
<td>2291</td>
<td>MULTI-MODAL TREATMENT OF SEVERE TOXIC SHOCK LIKE SYNDROME (TSLS) WITH IV-IGG, INFliximab AND TOPICAL PIMECROLIMUS CREAM</td>
<td>Autoimmunity; Immediate Hypersensitivity</td>
<td>Robert A. Dracker</td>
</tr>
<tr>
<td>56</td>
<td>2431</td>
<td>THE EXPANDING CLINICAL SPECTRUM OF ADENOSINE DEAMINASE (ADA) DEFICIENCY INCLUDES FEATURES OF METABOLIC SYNDROME</td>
<td>PID</td>
<td>Robert Sokolic, National Human Genome Research Institute</td>
</tr>
<tr>
<td>57</td>
<td>2408</td>
<td>SPECIFIC ANTIBODY DEFICIENCY IN A GIRL WITH PENTASOMY X CHROMOSOME</td>
<td>PID; Genetics</td>
<td>Rongras Damrongwatanasuk, University of South Florida</td>
</tr>
<tr>
<td>58</td>
<td>2451</td>
<td>SECRETORY LEUKOCYTE PROTEASE INHIBITOR IN CONJUNCTIVAE AFFECTED BY OCULAR CICATRICAL PEMPHIGOID</td>
<td>Autoimmunity; Mucosal Immunology</td>
<td>Rony Greenberg, Massachusetts Eye Research and Surgery Institution</td>
</tr>
<tr>
<td>59</td>
<td>2435</td>
<td>HARMONIN AUTOANTIBODIES MEASURED BY LIPS AS SPECIFIC MARKERS FOR THE DIFFERENTIAL DIAGNOSIS OF IPEX AND IPEX-LIKE SYNDROMES</td>
<td>Autoimmunity</td>
<td>Rosa Bacchetta, San Raffaele Telethon Institute for Gene Therapy (HSR-TIGET), Milan, Italy</td>
</tr>
<tr>
<td>60</td>
<td>2292</td>
<td>IMMUNE DYSFUNCTION WITH COENZYME Q10 DEFICIENCY IMPROVES AFTER COENZYME Q10 REPLACEMENT IN A FOUR YEAR-OLD CHILD WITH RECURRENT INFECTIONS</td>
<td>PID</td>
<td>Samira Farough, MassGeneral Hospital for Children</td>
</tr>
<tr>
<td>61</td>
<td>2420</td>
<td>INFECTION INCIDENCE AND ANTIBIOTIC USAGE IN PRIMARY IMMUNE DEFICIENCY PATIENTS ON IMMUNOGLOBULIN THERAPY: RESULTS FROM THE IMMUNOGLOBULIN DIAGNOSIS, EVALUATION, AND KEY LEARNINGS (IDEAL) PATIENT REGISTRY PROGRAM</td>
<td>PID</td>
<td>Sean Kearns, Coram Clinical Trials</td>
</tr>
<tr>
<td>62</td>
<td>2440</td>
<td>ANALYSIS OF PHYSICAL AND MENTAL QUALITY OF LIFE MARKERS IN PRIMARY IMMUNE DEFICIENCY PATIENTS ON IMMUNOGLOBULIN THERAPY: RESULTS FROM THE IMMUNOGLOBULIN DIAGNOSIS, EVALUATION, AND KEY LEARNINGS (IDEAL) PATIENT REGISTRY PROGRAM</td>
<td>PID</td>
<td>Sean Kearns, Coram Clinical Trials</td>
</tr>
<tr>
<td>63</td>
<td>2412</td>
<td>DOCK-8 DEFICIENCY- A CASE OF COMBINED IMMUNODEFICIENCY, EOSINOPHILIA AND ATOPY WITHOUT ELEVATED SERUM IgE</td>
<td>PID</td>
<td>Shanmuganathan Chandrakasan, Cincinnati Children's Hospital Medical Center</td>
</tr>
<tr>
<td>64</td>
<td>2449</td>
<td>HEMOPHAGOCYTIC LYMPHOPHILOCYTOYSIS LIKE PRESENTATION OF AUTOIMMUNE LYMPHOPROLIFERATIVE SYNDROME IN MONOZYGOTIC TWINS</td>
<td>PID</td>
<td>Shanmuganathan Chandrakasan, Cincinnati Children's Hospital Medical Center</td>
</tr>
<tr>
<td>65</td>
<td>2458</td>
<td>CLINICAL SPECTRUM AND OUTCOME OF HEMATOPOIETIC CELL TRANSPLANT FOR PATIENTS WITH NEMO DEFECT: A SINGLE CENTER EXPERIENCE</td>
<td>PID</td>
<td>Shanmuganathan Chandrakasan, Cincinnati Children's Hospital Medical Center</td>
</tr>
<tr>
<td>Poster #</td>
<td>ID</td>
<td>Title</td>
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<td>Presenting Author</td>
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</tr>
<tr>
<td>66</td>
<td>2396</td>
<td>ALLOGENEIC TRANSPLANTATION FOR X-LINKED HYPER IgM SYNDROME- A SINGLE INSTITUTION EXPERIENCE</td>
<td>PID</td>
<td>Sharat Chandra, Cincinnati Children's Hospital Medical Center</td>
</tr>
<tr>
<td>67</td>
<td>2365</td>
<td>ABNORMAL NEUTROPHIL OXIDATIVE BURST (NOXB) IN A 72-YEAR OLD MALE WITH SECONDARY HEMOPHAGOCYTIC LYMPHOHISTIOCYTOSIS (HLH)</td>
<td>PID</td>
<td>Shefali Anil Samant, Mayo Clinic</td>
</tr>
<tr>
<td>68</td>
<td>2376</td>
<td>CASE REPORT OF 2 PATIENTS WITH COMMON VARIABLE IMMUNODEFICIENCY (CVID) AND DEBILITATING CHRONIC URTICARIA/ANGIOEDEMA (CUA)</td>
<td>Autoimmunity; PID</td>
<td>Solrun Melkorka Maggadottir, Children's Hospital of Philadelphia</td>
</tr>
<tr>
<td>69</td>
<td>2416</td>
<td>IMMUNE DYSREGULATION, TELOMERE SHORTENING, AND LIVER DISEASE IN A PEDIATRIC PATIENT: A THERAPEUTIC DILEMMA</td>
<td>PID</td>
<td>Timothy Lax, Masschusetts General Hospital</td>
</tr>
<tr>
<td>70</td>
<td>2369</td>
<td>DELAYED RECOGNITION AND TREATMENT OF HAE</td>
<td>Complement and C1inh</td>
<td>Vivian Cino, Joe Dimaggio Children's Hospital</td>
</tr>
<tr>
<td>71</td>
<td>2338</td>
<td>GNATHOSTOMA SPINIGERUM: IMMUNODEPRESSION IN EXPERIMENTAL INFECTED MICE</td>
<td>Host Microbial Interactions/ Pathogen Discovery</td>
<td>Wilai Saksirisampant</td>
</tr>
<tr>
<td>72</td>
<td>2380</td>
<td>PREDICTION OF EARLY/IMMEDIATE AND LONG-TERM OUTCOME FOLLOWING RENAL TRANSPLANTATION USING PERIOPERATIVE MEASUREMENTS OF SELECTED LEVELS OF COMPLEMENT-DERIVED ANAPHYLATOXINS AND MOLECULES</td>
<td>Complement and C1inh; Transplant Immunology</td>
<td>Wojciech Blogowski, Pomeranian Medical University in Szczecin</td>
</tr>
<tr>
<td>73</td>
<td>2381</td>
<td>CLINICAL ANALYSIS OF COMPLEMENT-DERIVED ANAPHYLATOXINS AND MOLECULES IN HUMAN ADIPOSE TISSUE</td>
<td>Complement and C1inh</td>
<td>Wojciech Blogowski, Pomeranian Medical University in Szczecin</td>
</tr>
</tbody>
</table>
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