



NEWSLETTER

Spring, 2008

Editor: Geza S. Bodor
Denver, Colorado

President's Letter Brian Smith

Dear ACLPS Members:

As the current academic year moves closer to conclusion, it's a pleasure to note that ACLPS continues to thrive and to grow, forty-two years strong. The annual meeting, this year hosted by the University of Pennsylvania, is rapidly approaching. There will again be a Thursday afternoon "pre-meeting" conference in addition to a full Friday and Saturday schedule, and the sessions as outlined elsewhere in this newsletter cover the gamut of current topics of interest: translational research, nanotechnology, POC, the future of the clinical laboratory, educational issues, and our traditional emphasis on basic science advances.

There has once again been a remarkable increase in the number of submitted abstracts for the meeting, mostly by our young investigators. Indeed, there have been so many submissions of truly outstanding work that it appears that we may now need to make a poster presentation session a permanent part of the annual get-together. For those of us who find the opportunity to talk less formally with our young investigators and other scientific presenters a very beneficial experience, this is excellent

news. All of us are very grateful to Alex McAdam for his fine work on, and devotion to, the Young Investigator Program and to Malek Kamoun and Don Young who will be hosting the Philadelphia meeting.

There have been a number of further advances on the educational front. The RISE examination and the newly created Hematopathology Fellow FISH examination, which represent the combined efforts of ASCP, ADASP and ACLPS, remain well-appreciated. Kudos to Henry Rinder who is now Chair of the RISE Committee and to all those ACLPS members who contribute substantially to that effort.

The Ad Hoc Education Committee of ACLPS has created a group that is actively pursuing the development of a medical student Laboratory Medicine Curriculum. This group includes: Susan Koethe, Jay Bock, Anders Berg, Carol Rauch, William Roberts, Mark Fung, Matthew Krasowski, Wes Schreiber, John Anastasi, Paul Wolf, Robert Fitzgerald, Henry Rinder, Marisa Marques, Patricia Charache, Sheldon Campbell, Marie Landry, Beverly Baron, Yan Wu, Theresa Nester, Steven Spitalnik, John Greg Howe, Kendall Crookston, Rich Haspel, and myself. The effort is modeled after the successful

development of the resident CP curriculum and is designed to address a problem that many have identified, specifically, the lack of successful teaching of Laboratory Medicine to medical students in a number of schools across the country. Once there is a draft of a proposed curriculum, it will be submitted to the entire ACLPS membership for review and suggestions.

Ellinor Peerschke, David Sacks, Ed Ashwood and Bruce Alexander continue to move forward on an issue that was brought before the American Board of Pathology last year by the ACLPS representatives, that is, the desire for consideration of a more formalized "research track" for pathology residents. While the American Boards of Internal Medicine, Pediatrics, and Anesthesiology all have such a track, the ABP does not. Ed and Bruce will follow up on this topic as our representatives at this year's meeting of the ABP Cooperating Societies. Moreover, there will be a panel discussion at our annual meeting at Penn that will include this topic.

At the ABP Cooperating Societies meeting, there will also be further discussion of the possible role of ACLPS in Maintenance of Certification (MOC) programs. Currently,

ACLPS is considering a program that would be specific to residency and fellowship directors.

As ACLPS continues to thrive, several of us wonder whether we could begin to move toward a greater international presence, encouraging academically oriented laboratorians from around the globe to participate in our activities and perhaps catalyze a greater international consensus on issues of importance to academic clinical pathology. I again encourage anyone with such an interest and/or with suggestions or thoughts on the topic, to contact me.

Finally, allow me to express my gratitude and that of the entire organization to Geza Bodor, who manages these newsletters. We are very fortunate to have so many dedicated and multi-talented volunteers.

I look forward to the continuation of all these projects and to new ideas to maintain and grow the vitality of our organization. See you in Philadelphia!

With best wishes,

Brian R. Smith

INVITATION TO ATTEND THE 2008 ACLPS ANNUAL MEETING

ACLPS Members and Young Investigators:

You have only a short time to make plans to come to Philadelphia for the 2008 Annual ACLPS meeting (June 5-7, 2008).

We have an exciting scientific program featuring a host of distinguished scientists. Plan to arrive by Thursday afternoon for the free pre-meeting workshop: "The Application of Flow Cytometry in Clinical Practice and Research." Thursday evening we will host the welcome reception at the University of Pennsylvania Museum of Archaeology and Anthropology. On Friday evening the annual awards banquet will take place at the National Constitution Center.

The deadline for meeting registration and hotel reservations is May 6, 2008.

Topics and Speakers include:

"Translational/Clinical Research: The Role of the Clinical Laboratory and Funding Opportunities"

"Funding Opportunities through CTSA"
Daniel Rader, MD, University of Pennsylvania

"Translational Research in Laboratory

Medicine: A View from Big Pharma," Rick Hockett, MD, Eli Lilly and Co.

"The Clinical Lab of the Future"
How Nanotechnology is Shaping the Laboratory of the Future," Chad Mirkin, PhD, Northwestern University

"Microelectronics and Laboratory Medicine: Innovation in POCT," Imant Lauks, PhD, Epocal Corp.

"The Origin and Therapy of erbB Mediated Tumors in Man," Mark Greene, MD, PhD, as 2008's Cotlove Award lecturer

Saturday Panel Discussion

"Challenges and Opportunities in Implementing a Clinical Pathology Curriculum" featuring Irving Nachamkin, DrPH and Eline Luning Prak, MD, PhD, University of Pennsylvania; Ellinor Peerschke, PhD, Mount Sinai; Brian Smith, MD, Yale University, and Steven Spitalnik, MD, Columbia University

Meeting hosts are:

Donald Young, MD, PhD
(donaldyo@mail.med.upenn.edu)

Malek Kamoun, MD, PhD
(malekkam@mail.med.upenn.edu)

We received a particularly large number of abstracts for the upcoming ACLPS meeting (perhaps a record number). The abstracts were reviewed by a panel of anonymous, blinded ACLPS members. Based on these reviews, eighty-four abstracts have been accepted and thirty individuals were selected for the Paul E. Strandjord Young Investigator Awards. We are looking forward to excellent talks and posters at the ACLPS meeting in Philadelphia, June 5 through 7, 2008.

Alex McAdam, M.D., Ph.D.,
Paul E. Strandjord Young Investigator Award Program Director

ACLPS 43rd Annual Meeting
University of Pennsylvania
Philadelphia, PA, June 5-7, 2008

Program

Thursday, June 5

1:00pm – 3:00pm **Executive Council Meeting**
Sheraton University City, Chestnut Room

1:00pm – 6:00pm **Registration**
Sheraton University City, Lower Lobby

3:00pm – 5:30pm **Flow Cytometry Tutorial:
The Application of Flow Cytometry in Clinical
Practice and Research**
Sheraton University City, Ben Franklin Ballroom V

3:00 - 3:20pm **Chair: Jonni S. Moore, PhD**
Professor of Pathology and Laboratory Medicine
University of Pennsylvania School of Medicine
Bringing Cytomics to Clinical Cytometry

3:20 - 4:00pm **Robert Balderas, MBA**
Vice President of Research & Development
BD Biosciences
Mechanistic Insights from the Single Cell:
Inference Engines for Clinically
Predictive Indicators

4:10 - 4:50pm **J. Philip McCoy, Jr., PhD**
Director, Flow Cytometry Core Facility
National Heart, Lung, and Blood Institute-
National Institutes of Health
Flow Cytometric Identification of Circulating
Endothelial Cells and
Endothelial Progenitors

4:50 – 5:30pm **Eline Luning Prak, MD, PhD**
Assistant Professor of Pathology and Laboratory
Medicine
University of Pennsylvania School of Medicine
Peripheral B Cell subsets in Health and
Autoimmune Disease

6:00pm – 8:00pm **Welcome Reception**
*University of Pennsylvania Museum of
Archaeology and Anthropology*

Friday, June 6

6:30am – 8:00am **Roundtable Discussion
Breakfast**
*Sheraton University City, Ben Franklin Ballroom I,
II and III*

8:30am – 8:45am **Welcome Remarks**
Biomedical Research Building II/III Auditorium

Mark Tykocinski, MD
Simon Flexner Professor and Chair,
Department of Pathology and Laboratory
Medicine
University of Pennsylvania School of Medicine

Arthur Rubenstein, MB, BCH
Dean
University of Pennsylvania School of Medicine

8:45am – 10:45am **Plenary Session:**
Clinical and Translational Research: The Role of
the Clinical Laboratory and
Funding Opportunities
Biomedical Research Building II/III Auditorium

8:45 – 8:50am **Chair: Jay M. McDonald, MD**
Robert and Ruth Anderson Professor and Chair,
Department of Pathology
University of Alabama at Birmingham

8:50 – 9:15am **Daniel J. Rader, MD**
Associate Director, Institute for Translational
Medicine and Therapeutics
University of Pennsylvania School of Medicine
Funding Opportunities through CTSA

9:15 – 9:35am **Ken B. Waites, MD**
Professor of Pathology
University of Alabama at Birmingham
Applied Laboratory Research is Now Fundable by
the NIH- One Person's
Experience

9:35 – 9:55am **Bruce Sachais, MD, PhD**
Assistant Professor of Pathology and Laboratory
Medicine
University of Pennsylvania School of Medicine
The Role of Laboratory Medicine in Supporting
Clinical Trials

9:55 – 10:25am **Rick Hockett, MD**
Eli Lilly and Company
Translational Research in Laboratory Medicine: A
View from Big Pharma

10:25 – 10:45am **Jay M. McDonald, MD**
PhD Graduate Education in Translational
Research: The Howard Hughes
Med Into Grad Initiative

10:45am – 11:00am **Break**
Biomedical Research Building II/III Lobby

11:00am – 12:00pm **Cotlove Award Lecture**
Biomedical Research Building II/III Auditorium

Mark I. Greene, MD, PhD
John Eckman Professor, Department of Pathology
and Laboratory Medicine
University of Pennsylvania School of Medicine
The Origin and Therapy of erbB Mediated Tumors
in Man

12:00pm – 1:00pm **Lunch**
Biomedical Research Building II/III Lobby

1:00pm – 2:30pm **Young Investigators
Presentations (5 simultaneous sessions)**
*Biomedical Research Building II/III and Stellar-
Chance*

2:30pm – 3:00pm **Break/Poster Session**
Biomedical Research Building II/III Lobby

3:00pm – 3:30pm **Presentations of New
Research by Previous Young Investigators
(4 simultaneous sessions)**
*Biomedical Research Building II/III and Stellar-
Chance*

Li Chai, MD
Associate Director of Adult Transfusion Medicine,
Department of Pathology
Brigham and Women's Hospital
SALL4 and Stem Cells

David O. Ferguson, MD, PhD
Assistant Professor of Pathology
University of Michigan Medical School
Roles of Mre11 in Genomic Stability and
Lymphocyte Development

James Gorham, MD, PhD
Associate Professor, Departments of Pathology
and Microbiology and
Immunology
Dartmouth Medical School
CD4+ T Cells and Autoimmune Hepatitis

F. Brad Johnson, MD, PhD
Assistant Professor of Pathology and Laboratory
Medicine
University of Pennsylvania School of Medicine
Telomeres and Senescence

3:30pm – 4:45pm **Young Investigators
Presentations (5 simultaneous sessions)**
*Biomedical Research Building II/III and Stellar-
Chance*

4:45pm – 5:30pm **Ellis Benson Award Lecture**
Biomedical Research Building II/III Auditorium

Bruce Sachais, MD, PhD
Assistant Professor of Pathology and Laboratory
Medicine
University of Pennsylvania School of Medicine
Platelet Factor 4 (PF4) in the Pathogenesis of
Atherosclerosis and
Heparin Induced Thrombocytopenia

6:30pm – 10:30pm **Awards Banquet**
National Constitution Center

Saturday, June 7

6:30am – 8:00am **Roundtable Discussion
Breakfast**
*Sheraton University City, Ben Franklin Ballroom I,
II and III*

8:30am – 10:00am **Plenary Session:
The Clinical Laboratory of the Future**
Biomedical Research Building II/III Auditorium

8:30 – 8:40am **Chair: Michael C. Milone, MD,
PhD**
Assistant Professor of Pathology and Laboratory

Medicine
University of Pennsylvania School of Medicine

8:40 – 9:20am **Chad A. Mirkin, PhD**
George B. Rathmann Professor of Chemistry
Northwestern University
Nanostructures in Biodiagnostics and Gene
Therapy

9:20 – 10:00am **Imant Lauks, PhD**
CEO
Epocal Corporation
Microelectronics and Laboratory Medicine:
Innovation in POCT

10:00am – 10:30am **Break**
Biomedical Research Building II/III Lobby

10:30am – 12:00pm **Panel Discussion:
Challenges and Opportunities in Implementing
a Clinical Pathology
Curriculum**
Biomedical Research Building II/III Auditorium

Moderator: **Irving Nachamkin, DrPH**
Professor of Pathology and Laboratory Medicine
University of Pennsylvania School of Medicine

Eline Luning Prak, MD, PhD
Assistant Professor of Pathology and Laboratory
Medicine
University of Pennsylvania School of Medicine

Ellinor I. Peerschke, PhD
Professor of Pathology
Mount Sinai School of Medicine

Brian R. Smith, MD
Professor and Chair, Department of Laboratory
Medicine
Yale School of Medicine

Steven Spitalnik, MD
Professor and Vice Chair for Laboratory
Medicine, Department of Pathology
College of Physicians and Surgeons of Columbia
University

12:30pm – 2pm **Business Meeting Lunch**
*Sheraton University City, Ben Franklin Ballroom I,
II and III*

2pm – 4pm **Executive Council Meeting**
Sheraton University City, Chestnut Room

2008 ACLPS Election Ballot
Annual Business Meeting
Saturday, June 7, 2008
Philadelphia, Pennsylvania

President-Elect 2008-09 (Vote for one):

Mitchell Scott

(Nomination from the Membership)

Secretary-Treasurer 2008-2011 (Vote for one):

Brian Jackson

(Nomination from the Membership)

Executive Council Members-at-Large 2008-11 (Vote for two):

Marisa Marques

William Roberts

(Nomination from the Membership)

(Nomination from the Membership)

Membership Committee Chair 2008-11 (Vote for one):

Daniel Sabath

(Nomination from the Membership)

Nominating and Awards Committee Member 2008-11 (Vote for one):

Jeffrey Kant

(Nomination from the Membership)

Publications Committee Member 2008-11 (Vote for one):

Andrew Hoofnagle

(Nomination from the Membership)

Your Name: _____

Ballots will be distributed at the ACLPS annual business meeting (6/07/08) for voting. If you cannot attend the annual meeting and would like to vote by mail, please send your completed ballot postmarked by 5/30/08 to:

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c/o ARUP Laboratories
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Salt Lake City, UT 84108