Clinical Science Trumpet
Newsletter of the Association of Clinical Scientists

Annual Meeting in Louisville on 18 to 22 May 2011

The Association of Clinical Scientists will hold its annual meeting in Louisville, Kentucky, on 18 to 22 May 2011. The headquarters will be the Seelbach Hilton Hotel. The meeting will be hosted by the University of Louisville Medical School. Drs. Joseph C. Parker Jr. and Roland Valdes Jr., Co-Chairs of the Program Committee, cordially invite you to attend. The program will focus primarily on Genomics and Personalized Medicine.

Preliminary Program

131st Meeting of the Association of Clinical Scientists
Louisville, Kentucky, 18 to 22 May 2011

Wednesday, 18 May (Seelbach-Hilton Hotel)

2:00 pm Meeting registration desk opens
2:30 pm Educational Accreditation Committee meeting
3:30 pm Executive Committee meeting
5:00 pm Editorial Board meeting
7:45 pm Executive Committee meeting with Past-Presidents, Regional Delegates, and Committee Chairs

Thursday, 19 May (Seelbach-Hilton Hotel)

Session A
Genomics, Proteomics, and Personalized Medicine
Chairs: Roland Valdes, Jr., & Dani S. Zander

8:00 am Welcome. Dani S. Zander, President of the Association; Joseph C. Parker, Jr., and Roland Valdes, Jr., Co-chairs of Program Committee
8:05 am [1] Pathology and the frontier of personalized medicine. Roland Valdes, Jr., Louisville, KY
9:30 am [3] mTOR opens the door to personalized medicine via morpho-proteomics. Robert E. Brown et al, Houston, TX
10:30 am Refreshments

Session B
Genomics, Proteomics, and Personalized Medicine
Chairs: Nina Tatevian & Egil Fosslien

noon [8] Xenoestrogen assessment by recombinant estrogen receptors using a three-tiered approach. Sarah A. Andres and James L. Wirtliff, Louisville, KY
12:15 pm Luncheon recess

Luncheon sponsored by the Sections on Clinical, Science in Practice and on Clinical Molecular Biology & Genetics
Chairs: Frederick Muschenheim & Frederick L. Kiechle

Thursday, 19 May (continued)

Session C
Molecular and Cell Biology
Chairs: M. Kent Froberg & Kyle C. Kurek


3:15 pm Refreshments

Session D
Oncology
Chairs: Robert E. Brown & Steven I. Hajdu


4:00 pm [14] The X-files: mystery surrounds the prostate cancer-associated retrovirus, XMRV. Jeanne M. Rhea et al, Atlanta, GA


4:45 pm [16] Expression of fatty acid synthase in thyroid carcinomas of follicular origin. Jing Liu and Robert E. Brown, Houston, TX

5:00 pm [17] Oxidative stress in Cr(VI)-induced carcinogenesis. Xianglei Shi, Lexington, KY

5:15 pm [18] Possible influence of bacterial translocation on cancer cachexia. Dianliang Zhang et al, Qingdao, Shandong, China

5:30 pm [19] Variation of the alpha-fetoprotein promoter in hepatocellular carcinoma. George G. Chen, Hong Kong, China

5:45 pm Adjournment

7:30 pm Musicale rehearsal (organized by Myra L. Wilkerson)

7:30 pm Awards Committee meeting (Frederick Muschenheim, Chair)

8:30 pm Nominating Committee meeting (Charles D. Hawker, Chair)

Friday, 20 May (University of Louisville)
(Bus leaves Hotel at 7:45 am)

Session E
Clinical Science in Practice
Chairs: Juliana G. Szakacs & Donald T. Forman

8:15 am [20] A role of pathologists in patient-centered medical homes. Robert L. Hunter, Houston, TX

8:45 am [21] Surgery: The next generation—the role of robotics in surgery. Lynn P. Parker, Louisville, KY

9:15 am [22] Frozen-section controlled micrographic surgery with the general pathologist. Rawhi A. Omar, Louisville, KY

9:30 am [23] Hyperhomocysteinemia and dietary sulfur deficiency. Kilmer S. McCully and Yves Ingenbleek, Boston, MA, and Strasbourg, France

10:00 am [24] Asymmetric dimethylarginine associated with cardiovascular disease, metabolic syndrome, and insulin resistance. Pau C. Kao et al, Rochester, MN


10:30 am Refreshments

Session F
Workshop on Pharmacogenetics
Roland Valdes & Kristen K. Reynolds

10:45 am A guided tour of the Pharmacogenetics Laboratory will demonstrate and discuss practical methods for collection and separation of DNA, processing of patient samples collected by different methods, techniques for detection of single nucleotide polymorphisms (SNP), and the development of multiplexing assays. It will provide participants a working knowledge of a clinical pharmacogenetics laboratory.

12:15 pm Bus returns to Hotel

1:45 pm Bus leaves the Seelbach-Hilton Horel. A special visit to Churchill Downs for participants and accompanying persons (Bus will return to the Hotel by 5:45 pm)

Annual Reception and Banquet
(6:45 pm, Seelbach-Hilton Hotel)
Toastmaster: Dani S. Zander, Hershey, PA

Young Clinical Scientist Award presented by Armand Glassman to Peter C. Hu, Houston, TX

Diploma of Honor presented by Robert L. Hunter to Charles D. Hawker, Salt Lake City, UT

Clinical Scientist of the Year Award presented by Magali Fontaine to Roland Valdes Jr., Louisville, KY

Banquet address: (to be announced)

Saturday, 21 May (Seelbach-HiltonHotel)
(Sessions G & H are concurrent with Sessions I & J)

6:15 am Run-for-the-Lilies: 2.5- and 5-mile running event organized by James J. Miller & Armand Glassman for the Committee on Athletics
Saturday, 21 May (Seelbach-Hilton Hotel)
(Sessions G & H are concurrent with Sessions I & J)

Session G
Cell and Tissue Pathology
Chairs: Joseph C. Parker, Jr., & Kilmer S. McCully
8:00 am [26] Surgical pathology slide tutorial on interstitial lung disease, with case presentations by pathology residents. Mostafa Faeq and Rafael Perez, Louisville, KY
9:30 am [27] Minimizing errors in the practice of breast pathology. Shahla Masood, Jacksonville, FL
10:00 am [28] Pathogenesis of early pancreatic lesions in cystic fibrosis. J. Allan Tucker, Mobile, AL
10:15 am Refreshments

Session H
Cell and Tissue Pathology
Chairs: Peter Farmer & Shahla Masood
10:30 am [29] The astrocyte brain. Joseph C. Parker, Jr., Louisville, KY
11:00 am [30] Surgical neuropathology: the intraoperative consultation. John R. Parker, Louisville, KY
12:15 pm Luncheon recess (see Luncheon presentation, listed after Session J)

Session I
Therapeutics, Toxicology, and Informatics
Chairs: Steven H. Wong & Myra L. Wilkerson
8:00 am [33] Application of pharmacogenomics to pain management: clinical and forensic implications. Saeed A. Jortani et al, Louisville, KY
8:30 am [34] Diagnostic accuracy and interpretation of urine drug testing for pain patients. Amadeo J. Pesce et al, San Diego, CA
8:45 am [35] Genotyping CYP2C19 for carisoprodol/meprobamate intoxication as part of emerging transjudicial personalized justice. Steven H. Wong et al, Milwaukee, MN
9:00 am [36] Clopidogrel assessment: genotyping or functional assay? Clive R Hamlin, Cleveland, OH
9:15 am [37] Urinary ethanol metabolites following intensive exposure to a hand sanitizer. Roger Bertholf and Gary M. Reisfeld, Jacksonville, FL.
9:30 am [38] QAZoom: a software tool for tracking cervical cytology workload and diagnostic rates by preparation type. Myra L. Wilkerson, Wilkes-Barre, PA
10:00 am Refreshments

Session J
Informatics, Biotechnology, and Clinical Chemistry
Chairs: Charles D. Hawker & Sidney M. Hopfer
10:15 am [39] Laboratory informatics from instruments to internet. James J. Miller, Louisville, KY
10:45 am [40] Weak biomarker associations expressed as risk/odds ratios. Stanley S. Levinson, Louisville, KY
11:15 am [41] Comparative analysis of physical and digital representations of immunofixation electrophoretic gel patterns. Joshua A. Bornhorst, Little Rock, AR
11:30 am [42] Improved patient safety with CLSI standard AUTO12-A on specimen label format. Charles D. Hawker, Salt Lake City, UT
11:45 am [43] Predicting the development of diabetes using hemoglobin A1c. Philip R. Foulis et al, Tampa, FL
12:15 am Luncheon recess

Luncheon sponsored by the Sections on Hematology & Transfusion Medicine and Clinical Science in Practice
Chairs: John Lazarchick & Philip R. Foulis

Session I
Hematology and Transfusion Medicine
Chairs: Jonathan Krauss & Jack M. Polski
1:30 pm [46] Novel strategies in blood inventory management. Magali J. Fontaine, Stanford, CA
2:45 pm [49] Beyond blasts: flow cytometric immunophenotyping of granulocytes and monocyes in myeloid neoplasms. Jack M. Polski, Mobile, AL
3:00 pm Refreshments

Session M
Clinical Microbiology and Immunology
Chairs: Armand Glassman & Raymond W Ryan, Jr.
3:15 pm [50] HIV-1 drug resistance testing. Robert L. Barker and Mary Bishop, Louisville, KY
3:45 pm [51] Influenza genome: applications for pathogenesis, prevention, and patients. Armand B. Glassman, Charleston, SC
4:00 pm [52] When is carpal tunnel syndrome not just carpal tunnel syndrome? M. Kent Froberg, Virginia, MN
4:15 pm [53] Analysis of misdiagnosis of four cases of tuberculous of the thyroid. Frances Shih et al, Winnipeg, Manitoba

Business Meeting of the Association
4:30 pm, Dani S. Zander, President

Musicale and Art Show
7:30 pm
with wine and cheese reception during intermission. Organized by Myra L. Wilkerson, Chair of the Committee on Music and Fine Arts
Meeting Registration

The regular registration fee is $435. Junior members, emeritus members, and non-member residents or post-doctoral fellows may pay a reduced fee ($295). The registration includes a ticket to the reception and banquet on Friday evening. Tickets for the luncheons of scientific sections cost $30. Admission to the musical and art show on Saturday evening is free. The meeting registration form is printed on page 5 of the Clinical Science Trumpet.

Hotel Accommodations

The Seelbach Hilton Hotel, rated Four Diamonds by AAA, recently underwent a $12 million renovation. Appearing on the National Register of Historical Places, this luxury hotel is the premier hotel in the state of Kentucky. Built in 1905, it is considered a landmark to “the golden era” with its grand ambiance inspiring author F. Scott Fitzgerald to use the Seelbach as a backdrop for Tom and Daisy Buchanan’s wedding in The Great Gatsby. The Seelbach’s Oak Room restaurant is Kentucky’s first and only AAA Five Diamond restaurant.

The special convention rate will be $149/room (single or double) plus taxes. The hotel’s amenities include the Z-Salon and Spa, a renovated and expanded fitness center, and a business center. The hotel’s address is 500 Fourth Street, Louisville, KY 40202, and its website is www.Seelbachhilton.com.

The number of available rooms at the convention rate is limited, so you should make your reservations early by calling the hotel at (800) 333 3399, (502) 585 3200, or by sending a fax to (502) 585 9240. Please specify that you will attend the Association’s meeting. The cut-off date for reservations at the convention rate is 25 April 2011.

Transportation

Complimentary shuttle service between Louisville International Airport and the Seelbach Hilton Hotel is provided from 6 a.m. to 12 midnight, with an approximate travel time of 15 minutes. To arrange transportation, please call the hotel’s concierge desk (502) 585 3200. Guest parking with in/out privileges at the hotel costs $21/night (self-parking) or $25 (valet parking).

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Message from Florence Forman,
President of the Auxiliary to the Association

Hi Auxiliary Members:

The Association’s Annual Meeting in Louisville, Kentucky, from May 18-22 will give us an opportunity to be together again. I can hardly wait! Our unique group manages to remain connected regardless of time and distance. All spouses and accompanying persons are cordially invited to join in our delightful activities.

We look forward to the Association’s excursion to the famous racetrack at Churchill Downs, the annual Reception and Banquet, and the annual Musciale and Art Show. Our special time together will begin on Wednesday evening when we will toast each other with wine and snacks at the hotel. On Thursday, Friday, and Saturday, Kathy Valdez is arranging for us to visit lovely gardens and a historic village. She will also host us for luncheon at her home in the countryside. Plan to attend and find out all that is waiting for you in lovely Louisville.

Fondly,
Flo Forman

P.S. For those who are unfamiliar with the Auxiliary to the Association, the following information should be helpful:
The Auxiliary to the Association of Clinical Scientists was formed over 30 years ago. Its purpose is to provide a venue for friendship and to organize a variety of interesting activities for the accompanying spouses of clinical scientists who attend the Association’s scientific programs.

We meet each year at the Annual Meeting, where a member of the Auxiliary from the host city plans activities for us to enjoy. We are a congenial, fun-loving group who enjoy being together!
ASSOCIATION OF CLINICAL SCIENTISTS
Registration Form for the Annual Meeting
in Louisville, KY, on 18 to 22 May 2011

Last Name                   First Name       Initial       Degree

Institution                                Street Address

City                                      State          Zip

Telephone #                               Fax #          e-mail address

Meeting Registration ($435 Regular; $295 Junior or Emeritus)
(includes one ticket to the Reception and Banquet)  

Thursday Lunch - Section on Clinical Molecular Biology and Genetics ($30)  

Friday Afternoon - Special Excursion to Churchill Downs ($30)  

Friday Evening - Additional Guest Ticket for Reception and Banquet ($85)  

Saturday Lunch - Section on Clinical Science in Practice ($30)  

Saturday Evening - Musicale & Art Show, with wine and cheese reception  

TOTAL PAYMENT ENCLOSED:  

No. of persons Charge ($)

Please send this form with a check, payable to Association of Clinical Scientists, to F William Sunderman Jr MD,
PO Box 1287, Middlebury, VT 05753. Alternatively, you may charge American Express, Visa, or MasterCard (circle
which one). Please give your credit card number and expiration date, and sign below. If you pay by credit card,
you may send this form by fax to 802 458 3278. Cancellation with full refund will be accepted until 18 April 2011.

Card No.:_____________________________ Expiration (mo, year):_________________________

Signed:_____________________________ Date:_____________________________
Invitation to Join. This page summarizes the goals, activities, programs, and publications of the Association of Clinical Scientists. The Association encourages its members to conduct clinical research, present papers, visit each other’s laboratories, improve their clinical and laboratory skills, expand their knowledge, and publish their findings.

Fellowship is granted to scientists with a doctoral degree, who through residency or post-doctoral training, clinical activities, and presentations or publications have shown proficiency and achievement in clinical science.

Goals. The goals of the Association of Clinical Scientists are:

- To promote education and research in clinical science;
- To improve the development, selection, accuracy, utilization, and interpretation of laboratory tests used for clinical diagnosis, prognosis, monitoring, and research;
- To encourage cooperation among physicians and members of other professions concerned with applications of scientific methods in clinical practice and research; and
- To foster the professional development, scientific stature, ethical standards, and collegiality of clinical scientists.

History. The Association was formed in 1949 by physicians and scientists from various fields of laboratory medicine. The group was initially called the “Clinical Science Club.” In 1956, the Association was granted a charter by the Commonwealth of Pennsylvania as a non-profit scientific and educational corporation.

Members. The Association’s members include pathologists, clinical chemists, molecular biologists, microbiologists, immunologists, hematologists, cyto geneticists, toxicologists, clinicians, and oncologists who are experts in the applications of laboratory methods for the elucidation, diagnosis, and treatment of human diseases. Most members live in North America, but the Association has members from around the globe.

Scientific Sections. The Association’s scientific sections are:

- Cell and Tissue Pathology
- Clinical Biochemistry and Biotechnology
- Clinical Immunology and Microbiology
- Clinical Molecular Biology and Genetics
- Clinical Science in Practice
- Hematology and Transfusion Medicine
- Therapeutics and Toxicology
- Clinical Informatics and Computer Systems

Members are invited to enroll in one or more of these sections. The sections assist in organizing the platform sessions at each of the Association’s meetings.

Meetings. The Association has an annual scientific meeting, usually held in May, that includes a seminar on a timely topic in clinical science, and platform sessions that feature scientific papers presented by members and invited guests, as well as visits to clinical and research laboratories. International symposia are held in collaboration with scientific groups in other countries.

Affiliations. The Association of Clinical Scientists is an affiliate of the American Association for the Advancement of Science, a sponsor of the American Board of Clinical Chemistry, and a member of the Intersociety Pathology Council.

Publications. The Association’s journal, *Annals of Clinical & Laboratory Science*, founded in 1971, includes review articles and research papers that encompass the fields of laboratory diagnosis, as well as advances in clinical science and medicine. The Association’s newsletter, the *Clinical Science Trumpet*, contains meeting announcements and news about members.

Benefits. The Association strongly supports the career development of its members. Annual awards include the Young Clinical Scientist Award, the Diploma of Honor, and the Clinical Scientist of the Year Award. By meetings, publications, and professional interactions, the Association fosters scientific inquiry, education, and camaraderie. Contacts among the Association’s members assist in employment, academic appointments, and promotion.

The meetings provide CME credits and offer cultural as well as scientific exchanges. A Musicale and Art Exhibit featuring members and guests of the Association is held during each meeting. Conviviality of the Association is enhanced by receptions and banquets. The Auxiliary ensures that spouses are welcome and enjoy varied activities during the Association’s meetings.

Dues. The annual membership dues are $190, which includes subscriptions to the Association’s journal, *Annals of Clinical & Laboratory Science* (in print and online), and its newsletter, *The Clinical Science Trumpet*.

Address and Contact Information:
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www.clinicalscience.org
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e-mail: clinsci@sover.net
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Association of Clinical Scientists
Proposal of Candidate for Membership

Name (First, Initial, Last, Degrees)

Office Address (Institution, Street)
(City, State, Zip)                     Phone No.            Fax No.            E-mail address

Home Address (Street)
(City, State, Zip)                     Phone No.            Fax No.            E-mail address

Birthplace               Birthdate          Citizenship          Gender

Education (Institutions, Locations, Dates, Degrees)

Postdoctoral Training (Institutions, Locations, Dates, Certification, Licensure)

Past Positions (Institutions, Locations, Dates, Titles)

Present Position (Institution, Location, Date, Title, Academic Appointment)

Clinical and Scientific Expertise (Subspecialty, Clinical Focus, Research Emphasis)

Candidate’s Signature                          Date          Membership Category

Sponsor’s Signature                          Date          Printed Name

The Sponsor certifies that the candidate fulfills the requirements for membership and subscribes to the goals and objectives of the Association of Clinical Scientists. This proposal form should be sent, along with the candidate's curriculum vitae and bibliography, by mail, fax, or e-mail to the Secretary-Treasurer:

F William Sunderman, Jr., MD
Association of Clinical Scientists, PO Box 1287, Middlebury, VT 05753, USA
Tel: 802 458-3351, Fax: 802 458-3278, E-mail: clinsci@sover.net
Academic Opening for a Clinical Chemist

The Department of Pathology and Laboratory Medicine, David Geffen School of Medicine at the University of California, Los Angeles has an opening for a full-time Assistant/Associate Professor, to serve as Associate Director of Clinical Chemistry.

The candidate must have an M.D. and/or Ph.D. degree with American Board of Pathology (CP or AP/CP) or American Board of Clinical Chemistry certification/eligibility. Eligibility for licensure in the state of California and experience as a Clinical Chemistry director are also desired. The faculty appointment will be commensurate with training and experience.

The individual will share the technical and clinical responsibilities of a high-volume automated clinical chemistry laboratory which include method validation, beeper report and consultation with physicians. In addition, he/she will also participate in educating pathology and laboratory medicine residents and medical students. The successful candidate will also be expected to conduct clinical investigative research related to clinical chemistry or other associated clinical services.

Salary and benefits packages are competitive. The David Geffen School of Medicine at UCLA is an Equal Opportunity Employer. Interested persons should send their curriculum vitae, a cover letter describing clinical and research interests, and three references to:

Anthony W. Butch, Ph.D., Chair, Clinical Chemistry Faculty Search Committee, David Geffen School of Medicine at UCLA, Mailroom A7-149 CHS; 10833 Le Conte Avenue, Los Angeles, CA 90095-1732; abutch@mednet.ucla.edu

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Secretary-Treasurer
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