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University of South Florida
Office of Continuing Professional Development
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USF
HEALTH

TWENTY-THIRD ANNUAL

Clinical Virology Symposium

and
Annual Meeting
Pan American Society for
Clinical Virology

USF
HEALTH

April 29 - May 2, 2007

Hilton Clearwater Beach Resort
400 Mandalay Avenue
Clearwater Beach, Florida
(727) 461-3222

SYMPOSIUM CHAIRMAN
Steven Specter, Ph.D.

CO-CHAIRMEN
Richard Hodinka, Ph.D.
Stephen Young, Ph.D.
Danny Wiedbrauk, Ph.D.

HONORARY CHAIRMAN
Thomas F. Smith, Ph.D.

Sponsored by
UNIVERSITY OF SOUTH FLORIDA
COLLEGE OF MEDICINE
Tampa, Florida 33612

In cooperation with the Pan American Society
for Clinical Virology

Symposium Objective

This international symposium, led by biomedical scientists and physicians engaged in research and patient care, will provide a forum for the meaningful exchange of ideas dealing with viral infections. The relationship between rapid viral diagnosis, clinical course of viral infections, and preventive and therapeutic modalities for viral infections is the theme of this three-and-one-half day meeting. Discussion of timely topics by renowned scientists assures that this symposium will be informative and interesting. Furthermore, newly acquired information about clinically-relevant viral infections will be useful to practicing physicians who can apply this knowledge in a clinical setting. The symposium is intended for physicians, virology technicians, technologists, laboratory supervisors, laboratory directors and other health care professionals with an interest in the latest developments in clinical and diagnostic virology.

Specific Continuing Education Objectives

1. Participants will gain a greater ability to explain the pathogenesis of viral diseases and the biology of the viruses that cause them.
2. Participants will develop an improved ability to perform and interpret diagnostic virology tests.
3. Participants will be better able to explain methods of antiviral therapies and vaccination strategies.

Call for Abstracts Deadline: March 1, 2007

Participants are encouraged to submit abstracts that describe their original research results. **Abstracts must be submitted electronically to sspeter@health.usf.edu.** The abstract should begin 1" from the top of the page and must fit into a 6 1/2" x 9" area and be in 12 pt. Times New Roman font. **Title** should be in all CAPITALS. List all authors, and Underline the name of the person who will present the paper. Include professional affiliation. Participants who submit abstracts are expected to present their work in the scheduled poster session. Abstracts will be published in the Symposium program and on the Symposium website. **Students, fellows and technologists are eligible for travel award competition sponsored by PASCV. Please see the PASCV website (www.virology.org) for Travel Award criteria. At the time of submission, a letter from a supervisor indicating the basis for eligibility must accompany abstracts for this competition.**

Enrollment of Participants

Participants will be enrolled on a first-come, first-served basis. Since the number of participants will be limited by the amount of available space, early registration is encouraged. All completed registration forms received by the Office of Continuing Professional Development will be acknowledged. Remittances will be returned to senders after the maximum number of participants has been enrolled. Additional information regarding enrollment and other aspects of this Symposium can be obtained from Steven Specter, Ph.D., by calling (813) 974-0897.

If you do not want your address included in the Participant List provided to attendees and Exhibitors, send an email with your name as registered to: opt-out@virologysymposium.org

Clinical Virology Symposium April 29 - May 2, 2007

Sunday, April 29

8:00 a.m. - 4:00 p.m. Registration

8:00 a.m. - 9:00 a.m. Continental Breakfast

9:00 a.m. - 12:00 p.m. Practical Issues in Diagnostic Virology -
Basic Virology (3 Contact Hours)

Convenors: Diane Leland, Ph.D., James Witcomb Riley Hospital for Children, Indianapolis, IN

Gregory Storch, M.D., St. Louis Children's Hospital, St. Louis, MO

Viral Structure, Classification, and Function - Stephen Young, Ph.D., TriCore Reference Laboratories, Albuquerque, NM

Molecular Virology: Applications to Diagnosis and Treatment - Gregory Storch, M.D.

Interactive Session: Viral Epidemiology and Transmission - Dan Wiedbrauk, Ph.D., Warde Medical Laboratory, Ann Arbor, MI

1:00 p.m. - 4:30 p.m. Panel Discussions (3 Contact Hours)

How Has Molecular Diagnostics Changed Clinical Virology?

Moderator: Thomas F. Smith, Ph.D., Mayo Clinic, Rochester, MN

Specimen Collection - Mark J. Espy, M.S., Mayo Clinic, Rochester, MN

Clinical Management - Cathy Petti, M.D., ARUP Laboratories and University of Utah School of Medicine, Salt Lake City, UT

Turnaround Time, Workflow - Frederick Nolte, Ph.D., D(ABMM), Emory University School of Medicine, Atlanta, GA

Troubleshooting in the Virology Laboratory

Moderator: Marcela Ferres, M.D., MPH, Universidad Catolica de Chile Escuela de Medicina, Santiago, Chile

When Should Tests NOT be Performed? - Alexandra Valsamakis, M.D., Ph.D., Johns Hopkins University School of Medicine, Baltimore, MD

Handling Unusual Test Requests - Peter A. Shult, Ph.D., Wisconsin State Laboratory of Hygiene, Madison, WI

Medical/Legal Implications - Renee Ornelas, M.D., University of New Mexico, Albuquerque, NM

6:30 p.m. PASCV Business Meeting

7:30 - 10:00 p.m. Scientific Poster Session I
Registration (continued) and Dessert Reception

Monday, April 30

7:30 a.m. Continental Breakfast and Exhibits
Registration (continued)

8:30 a.m. - 12:55 p.m. Session I - Clinical Aspects of Viral Diseases
(3.5 Contact Hours)

Chairs: John L. Sever, M.D., Ph.D., Children's Hospital Medical Center, Washington, DC

Max Chernesky, Ph.D., St. Joseph's Hospital, Hamilton, Ontario, CAN

Mumps Outbreak: Honing the Axe - Michael A. Pentella, Ph.D., D(ABMM), University of Iowa Hygienic Lab, Iowa City, IA

Cytokine Storms in Viral Infections - Peter Jahrling, Ph.D., DHHS/NIH/NIAID/DCR, Bethesda, MD

MicroRNA and Viral Pathogenesis - Nigel W. Fraser, Ph.D., University of Pennsylvania School of Medicine, Philadelphia, PA

Newer Lower Respiratory Tract Infections - Jeffrey Kahn, M.D., Ph.D., Yale University School of Medicine, New Haven, CT

1:00 p.m. - 5:00 p.m. Optional Exhibitor Demonstrations

5:00 - 7:00 p.m. Scientific Poster Session II
Exhibits (Wine and Cheese served)

7:00 p.m. Banquet

Tuesday, May 1

**7:30 a.m. Continental Breakfast, Exhibits, Registration (cont.)
Scientific Poster Session III**

**8:30 a.m. – 12:55 p.m. Session II – Laboratory Diagnosis of
Viral Infections (3.5 Contact Hours)**

Convenors: Jeanne Jordan, Ph.D., HCLD, University of Pittsburgh Magee-Women’s Research Institute, Pittsburgh, PA
James Mahony, Ph.D., St. Joseph’s Hospital, Hamilton, Ontario, CAN
Clinical Utility of Avidity Assays – Stuart Hazell, Ph.D., PanBio, LTD., Queensland, Australia

Luminex Technologies for Antigen/Antibody Detection – Wayne Hogrefe, Ph.D., Focus Diagnostics, Cypress, CA

What Testing Should be Done on CSF Specimens? – Carol Glaser, M.D., DVM, California State Department of Health Services, Richmond, CA

Molecular Detection of GI Viruses – Xi Jiang, Ph.D., University of Cincinnati College of Medicine, Cincinnati, OH

2:30 p.m. – 4:30 p.m. Philip Hanff Memorial Clinical Case Presentations and Discussion (2 Contact Hours)**

Chair: Richard Hodinka, Ph.D., Children’s Hospital of Philadelphia and University of Pennsylvania School of Medicine, Philadelphia, PA
Angela Caliendo, M.D., Ph.D., Emory University, Atlanta, GA
Marie Landry, M.D., Yale University School of Medicine, New Haven, CT

****Opportunity for full reimbursement of Symposium registration fee - information available on the website. Go to virologysymposium.org and click on the “Program” link, then on the link “Submit a Clinical Case” in the “Clinical Case Presentations” section.**

**5:00 – 7:00 p.m. Scientific Poster Session IV
Exhibits (Wine and Cheese served)**

Wednesday, May 2

7:30 a.m. Continental Breakfast

**8:30 a.m. – 12:30 p.m. Session III – Prevention of and Therapy
for Viral Diseases (3.5 Contact Hours)**

Chairs: Max Arens, Ph.D., Washington University School of Medicine, St. Louis, MO
Marcela Echavarria, Ph.D., CEMIC University Hospital, Buenos Aires, Argentina

Vaccine Prospects for Human Respiratory Viruses – Richard R. Spaete, Ph.D., Medimmune Vaccines, Inc., Mountain View, CA

Vaccines for Pandemic Influenza – Arnold S. Monto, M.D., University of Michigan School of Public Health, Ann Arbor, MI

Newer HCV Antiviral Therapies – Mitchell J. Shiffman, M.D., Virginia Commonwealth University Medical Center, Richmond, VA

Nanovirucides – Anil R. Diwan, Ph.D., Nanovirucides, Inc., West Haven, CT

Invited Discussants

Prof. Mauro Bendinelli Curt Gleaves, M.S. Jerry Lancz, Ph.D.
C. George Ray, M.D. Arne Rodloff, Ph.D.

Pan American Society for Clinical Virology

The Pan American Society for Clinical Virology (PASCV) was founded in 1977 as the Pan American Group for Rapid Viral Diagnosis to help raise the standards of diagnostic virology in the Americas as the European Group for Rapid Viral Diagnosis has done elsewhere. The name was changed in 1995 to reflect the expanding role of the Society in all areas of clinical virology, including diagnostics, manifestations of viral diseases and viral pathogenesis, prevention of and therapy for viral diseases, and the improved understanding of all of these. The PASCV is run by an elected council and sponsors symposia, workshops and annual awards in clinical virology. The Society provides several \$600 travel grants to the Clinical Virology Symposium to students, postdoctoral fellows or technologists who submit abstracts to the meeting. **Please check the PASCV website for Travel Award criteria (www.virology.org).** Three \$1000 awards for the outstanding abstracts among fellows, students or technologists are given in memory of Dr. Mario Escobar and Edwin Lennette, and in honor of Edith Hsiung. Membership includes virologists from all of the Americas and the Caribbean. The current PASCV president is Ella Swierkosz, Ph.D., St. Louis University School of Medicine, St. Louis, MO.

**The USF College of Medicine
gratefully acknowledges the following
Exhibitors and Supporters**

Abbott Laboratories	AcroMetrix
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Accreditation

This activity has been planned and implemented in accordance with the Essential Standards of the Accreditation Council for Continuing Medical Education through the sponsorship of the University of South Florida College of Medicine. The University of South Florida College of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of South Florida College of Medicine designates this educational activity for a maximum of 18.5 AMA PRA Category 1 Credit(s)TM. Physicians should only claim credit commensurate with the extent of their participation in the activity.

The University of South Florida is an approved provider of continuing education programs in the clinical laboratory sciences through the ASCLS P.A.C.E. program.

NOTE: CE Credit is no longer offered for Poster Sessions

Housing Accommodations

The Hilton Clearwater Beach Resort is on the Gulf of Mexico at Clearwater Beach (just 25 minutes from the Tampa International Airport). The hotel features a lounge, restaurant, swimming pool, gulf beach and recreational opportunities. It is in reasonable driving distance to Walt Disney World, Sea World, and Sarasota (the Ringling Art Museum, Circus Museum and the exquisite shops of St. Armand’s Key). Tampa is only 50 minutes away and features the Dark Continent at Busch Gardens, historic Ybor City, and several outstanding restaurants. Hotel rooms are available at the Hilton Clearwater Beach Resort for \$154.00 per night, single or double, resort fee included. **Note: Room block is held and room reservations can be guaranteed only until March 27, 2007. Make reservations directly by calling (727) 461-3222.** For special room rates you must mention the code “**Virology Symposium.**” **Two night minimum April 27 through May 1; on February 27, 2 nights room and tax will be assessed (CHARGED!) on all reservations!**

Travel Arrangements/Additional Accommodations

Travel Connection, Tampa, FL, is the designated travel agency for the 23rd Annual Clinical Virology Symposium.

Air Travel, Car Rentals, Special Travel Packages: Travel Connection has made agreements for discounted air fares, and auto rentals using Avis.

Airport Limousine: Service is available from Tampa International Airport. Arrival and departure times will be provided to assure timely pickup. Call 800-282-6817.

Travel from the airport to the Hilton Clearwater Beach Resort is available from SuperShuttle. For reservations phone 1-800-258-3826 or reserve online at www.supershuttle.com. Supershuttle provides Lincoln Towncar by prior reservation, 1 - 3 people, credit card payment at time of reservation.

Additional Accommodations

Discounted Rates available ONLY through Travel Connection!
*Bellevue Biltmore Sgl/DbI \$149 plus tax & \$10/night resort fee

*Best Western Cityview \$139 plus tax
Gulfview \$159 plus tax

*Gulfview Beach Resort Cityview sgl/dbl. \$199 plus tax
Gulfview sgl/dbl \$219 plus tax

*Marriott Suites Sand Key Standard \$199 plus tax

All reservations are subject to a nonrefundable booking fee of \$15.00 USD. *Due to the high number of cancellations TRAVEL CONNECTION WILL CHARGE ONE FULL NIGHT FOR CANCELLATIONS MADE ON OR AFTER April 6, 2007.* ALL hotels require 72 hours notice of cancellation or an ADDITIONAL night may be assessed.

To obtain these special rates contact “Travel Connection” directly at 800-464-6221 or 813-264-6221; or FAX 813-264-2994, Monday-Friday 9:00 am - 5:30 pm EST; or email at: tracy@tvlcnx.com
NOTE: Room blocks are held until 30 days prior to the Symposium.

*The Clinical Virology Symposium will provide complimentary shuttle service between these hotels and the Hilton. Shuttles will run from 1/2 hour prior to the start of activities and continue until 1/2 hour after the conclusion of activities.

UNIVERSITY OF SOUTH FLORIDA
CLINICAL VIROLOGY SYMPOSIUM
Please print or type

REGISTRATION FORM
(or register online at: www.virologysymposium.org
or www.virology.org)

April 29 - May 7, 2007
Hilton Clearwater Beach Resort

NAME _____ DEGREE(S) _____ SPECIALTY _____
 INSTITUTION _____ EMAIL _____ TELEPHONE _____
 ADDRESS _____
 CITY _____ STATE _____ COUNTRY _____ ZIP/POSTAL CODE _____
 I will submit an abstract by March 1, 2007. To Pay by Credit Card: Card Number _____ (Circle) VISA MC AMEX Exp. _____
 Fees: The fee is \$375 if received by March 15, 2007, \$450 after March 15, 2007. \$450 after March 15, 2007. With an accompanying letter from an appropriate supervisor, the fee for students, residents or fellows is \$200 before March 15, 2007 and \$250 thereafter.
 Symposium Registration Fee (includes banquet)
 YES, I will attend the banquet April 30, 2007 No charge
 NO, I do not wish to attend the banquet
 Include _____ additional banquet tickets (\$40.00 per ticket)
 Golf Shirt (\$30.00 each by 3/1/07) NOTE: Commemorative T-shirt is FREE
 TOTAL
 Cancellation of registration is subject to a non-refundable \$25 administrative fee. Complete the registration form and mail with your remittance
 Symposium registration fee includes attendance at the banquet, evening receptions, program, 1 audiotape, and commemorative T-shirt. Complete the registration form and mail with your remittance
 (payable to: **USF MSSC**) to Virology Symposium, Office of Continuing Professional Education, PO Box 917590, Orlando, FL 32891-7590.
 Please make your own room reservations at the special rates by calling the Hilton Clearwater Beach Resort using the numbers given in this brochure. Identify yourself as a participant in this symposium
 by the code “Virology Symposium.” *Special rate is guaranteed only through 3/27/2007.