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University of South Florida
Office of Continuing Professional Development
12901 Bruce B. Downs Boulevard, MDC 60
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24th Annual
Clinical Virology Symposium
April 27 - 30, 2008

USF
HEALTH

TWENTY-FOURTH ANNUAL

Clinical Virology Symposium

and

Annual Meeting
Pan American Society for
Clinical Virology



April 27 - 30, 2008

Hilton Daytona Beach Oceanfront Resort
100 N. Atlantic Avenue
Daytona Beach, Florida 32118
(386) 254-8200

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, 2008

Participants are encouraged to submit abstracts that describe their original research results. **Abstracts must be submitted electronically to sspecter@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 abstract manual, on the Symposium website, and on Symposium CD's. **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

All completed registration forms received by the Office of Continuing Professional Development will be acknowledged. Additional information regarding enrollment and other aspects of this Symposium can be obtained from Steven Specter, Ph.D., by calling (813) 974-0897.

Registration

Online: www.cme.usf.edu/virology

Fax: (813) 974-3217 Phone (813) 974-4296 or (800) 852-5362

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 27 - 30, 2008

Sunday, April 27

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. Edith Hsiung Practical Issues in Diagnostic 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

Cell Culture: What, When and Why? - Diane Leland, Ph.D.

Demystifying Viral Load Testing - Max Arens, Ph.D., Washington Univ. School of Medicine, St. Louis, MO

Interactive Case Based Session: Interpreting Viral Serology - Gregory Storch, M.D.

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

Respiratory Virus Detection: Alternative Approaches to Performance

Moderator: Kirsten St. George, Ph.D., NY State Dept. of Health, Slingerlands, NY

Presentation/discussion of detection methods based on laboratory type, size, & complexity including molecular methods, cell culture, RA, etc.

Nancy Cornish, M.D., Nebraska Methodist Health System, Omaha, NE

James Mahony, Ph.D., St. Joseph's Hospital, Hamilton, Ontario, CAN

Ella Swierkosz, Ph.D., St. Louis Univ. School of Medicine, St. Louis, MO

Diagnostic Decision Making in Clinical Virology

Moderator: Alexandra Valsamakis, M.D., Ph.D., Johns Hopkins University School of Medicine, Baltimore, MD

The Panelists will be presented with cases & respond with "on the spot" testing recommendations. Panelists will have no prior exposure to selected cases. Discussion of the decision-making process will follow.

Bishara Freij, M.D., William Beaumont Hospital, Royal Oak, MI

Jeanne Jordan, Ph.D., Magee-Women's Research Inst., Pittsburgh, PA

John Newby, M.D., Washington County Health Sys., Haggartown, MD

Monday, April 28

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

Marcela Echavarría, Ph.D., CEMIC University Hospital, Buenos Aires, Argentina

Rhinovirus: Spectrum of Disease – Frederick Hayden, M.D., University of Virginia School of Medicine, Charlottesville, VA

Ocular Viral Infections – Bishara J. Freij, M.D., William Beaumont Hospital, Royal Oak, MI

Bats: Important Reservoir Hosts of Emerging Viruses – Charles Calisher, Ph.D., Centers for Disease Control, Ft. Collins, CO

Insights into Interaction Between Influenza Virus and Pneumococcus – Jon McCullers, M.D., St. Jude Children's Research Hospital, Memphis, TN

1:00 p.m. – 5:00 p.m. Optional Exhibitor Presentations/Demos

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

7:00 p.m. Banquet

Tuesday, April 29

**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: Max Chernesky, Ph.D., St. Joseph’s Hospital, Hamilton, Ontario, CAN
Christine Ginocchio, Ph.D., North Shore LIJ Hospital Laboratories, Lake Success, NY
HPV Testing Guidelines – Mark Stoler, M.D., University of Virginia, Charlottesville, VA
Array-Based Approaches to Nucleic Acid Detection – Frederick Nolte, Ph.D., Medical University of South Carolina, Charleston, SC
GI Pathogens: Expanding the Diagnostic Paradigm – Stephan S. Monroe, Ph.D., Centers for Disease Control and Prevention, Atlanta, GA
New HIV Testing Algorithms – Bernard M. Branson, M.D., CDC - Division of HIV/AIDS Prevention, Atlanta, GA

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 Univ. School of Medicine, New Haven, CT
****Opportunity for full reimbursement of Symposium registration fee - information available on the website. Go to virologysymposium.org; click on “Program”, then on “Submit a Clinical Case” in “Clinical Case Presentations” section.**

5:00 – 7:00 p.m. Scientific Poster Session IV

Exhibits (Wine and Cheese served)

Wednesday, April 30

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: Thomas F. Smith, Ph.D., Mayo Clinic, Rochester, MN
Marcela Ferres, M.D., MPH, Universidad Catolica de Chile Escuela de Medicina, Santiago, Chile
Prophylaxis for HPV: Politics, Parents and Mandatory Vaccination – Thomas C. Wright, Jr., M.D., Columbia University Medical Center, New York, NY
Live Influenza Vaccine in Infants and Children – Kathryn M. Edwards, M.D., Vanderbilt University School of Medicine, Nashville, TN
Hepatitis B Genotyping and Response to Antiviral Treatment – Teresa L. Wright, M.D., Roche Molecular Diagnostics, Pleasanton, CA
Integrase Inhibitors: Role in Therapy for HIV – Mark Holodniy, M.D., Veteran’s Affairs Palo Alto Health Care System, Palo Alto, CA

Invited Discussants

Mauro Bendinelli, Prof. Curt Gleaves, M.S.
Sheryl Johnston, M.S. Gerald Lancz, Ph.D. Annike Linde, Prof.
C. George Ray, M.D. Arne Rodloff, Ph.D.

Faculty Disclosure

The University of South Florida College of Medicine adheres to the ACCME Standards regarding commercial support of continuing medical education. It is the policy of the USF College of Medicine that the faculty and planning committee disclose real or apparent conflicts of interest relating to the topics of this educational activity, that relevant conflict(s) of interest are resolved and also that speakers will disclose any unlabeled/unapproved use of drug(s) or device(s) during their presentation. Detailed disclosure will be made in the course syllabus.

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 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.

USF College of Medicine gratefully acknowledges the following Exhibitors and Supporters

3M Medical Diagnostics	Abbott Laboratories
AcroMetrix	Advanced Biotechnologies, Inc.
Aesku, Inc.	Argene, Inc.
Asuragen, Inc.	Attostar LLC
AutoGen, Inc.	Autogenomics
BD Diagnostics	BD Diagnostics- Preatalytical Systems
Beckman Coulter	bioMerieux, Inc.
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Cleveland Clinic Reference Laboratory	Copan Diagnostics, Inc.
Corbett Robotics	College of American Pathologists
Diagnostic HYBRIDS	Diamedix
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EraGen Biosciences	EUROGENTEC North America
Euroimmun US, LLC	Fisher Healthcare
Fitzgerald Industries International	Focus Diagnostics
Gen-Probe, Incorporated	Grifols USA
HandyLab, Inc.	Idaho Technology, Inc.
Innogenetics NV	INOVA Diagnostics, Inc.
Inverness Medical Professional Diagnostics	Luminex Corporation
Meridian Bioscience, Inc.	Meridian Life Science, Inc.
Millipore Corporation	Nanogen, Inc.
Osmetech Molecular Diagnostics	PANBIO Inc.
Prodesse, Inc.	QIAGEN Inc.
Quidel Corporation	R-Biopharm, Inc.
REMEL, Inc.	Roche Applied Science
Roche Diagnostics Corporation	Scimedx Corporation
Seimens Medical Solutions Diagnostics	SeraCare Life Sciences, Inc.
Spartan Bioscience, Inc.	STRATEC Biomedical Systems AG
The Binding Site, Inc.	The IMPACT Marketing Group
Third Wave Technologies	TIB MolBiol, LLC
Trinity Biotech	Viracor Laboratories
ViroMed Laboratories	ZeptoMetrix Corporation

Refund & Program Cancellation Policies

A refund (minus a processing fee of \$25) will be given if written notice of cancellation is received on or prior to March 28, 2008. Absolutely no refunds will be given after March 28, 2008.

The University of South Florida reserves the right to cancel this program due to unforeseen circumstances. In the event of such cancellation, the full registration fee will be refunded. The University of South Florida CPD Office will not be responsible for travel expenses incurred by the participant in case of cancellation.

Accreditation

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)*™. 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 Daytona Beach Oceanfront Resort on the Atlantic Ocean features a lounge, restaurants, swimming pools, ocean beach and recreational opportunities. Rooms are available at the Hilton for \$159.00 per night, single or double; no resort fee; tax currently 12.5%. **Note: Room block is held and room reservations can be guaranteed only until March 24, 2008. Make reservations directly by calling (386) 254-8200.** For special rates you must mention the code “CVC.”

Travel Arrangements/Additional Accommodations

Travel Connection (now Travel Concepts), Tampa, FL, is the designated travel agency for the 24th Annual Clinical Virology Symposium. **Recommended Airports:** Daytona Beach International Airport, or Orlando International Airport (approx 60-80 min. from hotels)

Daytona Airport Transportation:

Event Connection (727) 423-7220 or taxi.

Travel from the Orlando airport is available through:

Event Connection - (727) 423-7220 • (727) 345-0227 - 24 hour notice required. Fare from Orlando International Airport to any of the CONTRACTED hotels (Hilton, or reserved through **Travel Concepts**) is \$70 round trip; \$40 one-way.

DOTS (Daytona Orlando Transit Service) - phone (386) 257-5411 • (800) 231-1965 • Fax (386) 257-5415; www.dots-daytonabeach.com

Additional Accommodations

Discounted Rates available ONLY through Travel Concepts!

Travel Concepts has arranged for special rates at the following: Best Western Mayan; Comfort Suites; Holiday Inn Hotel & Suites; Plaza Resort & Spa; Super 8; Wyndham Ocean Walk.

All reservations are subject to a nonrefundable booking fee of \$15.00 USD. *Due to the high number of cancellations TRAVEL CONCEPTS WILL CHARGE ONE FULL NIGHT FOR CANCELLATIONS MADE ON OR AFTER April 4, 2008.* ALL hotels require 72 hours notice of cancellation or an ADDITIONAL night may be assessed.

To obtain special rates contact Travel Concepts at 800-464-6221, 813-908-1777 or 813-265-9511; FAX 813-962-2473, Mon-Fri 9 am - 5:30 pm EST; email tracy@tvlcnx.com or shirley@tvlcnx.com
NOTE: Room blocks are held until 30 days prior to the Symposium.

Accomodations for Disabilities

Please notify the CPD Office, 12901 Bruce B. Downs Blvd., MDC Box 60, Tampa, Florida, 33612 or call (813) 974-4296 a minimum of ten working days in advance of the event if a reasonable accommodation for a disability is needed.

Events, activities and facilities of the University of South Florida are available without regard to race, color, sex, national origin, disability, age, or Vietnam veteran status as provided by law and in accordance with the University’s respect for personal dignity.

UNIVERSITY OF SOUTH FLORIDA CLINICAL VIROLOGY SYMPOSIUM (register online: www.virologysymposium.org or www.virology.org) REGISTRATION FORM (register online: www.virologysymposium.org or www.virology.org) April 27 - 30, 2008 Hilton Daytona Beach Oceanfront Resort

NAME _____ DEGREE(S)/DISCIPLINE _____ Date of Birth (MM/DD only) _____ GENDER (circle) Female Male

INSTITUTION _____ EMAIL _____ _GENDER (circle) Female Male

ADDRESS _____ Daytime PHONE _____ FAX _____

CITY _____ STATE _____ COUNTRY _____ ZIP/POSTAL CODE _____

I will submit an abstract by March 1, 2008. **Fees:** \$375 if received by March 15, 2008, \$450 after March 15, 2008. With an accompanying letter from an appropriate supervisor, the fee for students, residents or fellows is \$200 before March 15, 2008 and \$250 thereafter.

To Pay by Credit Card: Card Number: _____ (Circle) VISA MC AMEX Exp. _____ Name on Card (print) _____

(All Cancellations subject to \$25 processing fee. See “Refund Policy” for details.) Signature: _____

Symposium Registration Fee (includes banquet) _____

YES, I will attend the banquet April 28, 2008 _____ *No charge*

NO, I do not wish to attend the banquet _____

Include _____ additional banquet tickets (\$40.00 each) _____

Golf Shirt (\$35.00 each by 3/1/08) NOTE: Tee shirt is FREE _____

Clinical Virology Symposium 2008 Golf Shirt \$35 each. Must be ORDERED and PAID by March 1, 2008. Shirts are cut FULL: Circle Size: Sm Med Large XLarge 2XLarge

Enclosed is my check made payable to: USF Health Professions Conferencing Corporation (USF HPCC) in the amount of: (TOTAL) _____

Mail registration form with payment to: ATTN: JH2008291-1144, USF Office of Continuing Professional Development, PO Box 864240, Orlando, FL 32886-4240

Symposium registration fee includes attendance at the banquet, evening receptions, program, 1 program CD, and commemorative T-shirt.

Please make your own room reservations at the special rates by calling the Hilton Daytona Beach Oceanfront Resort using the numbers given in this brochure. Identify yourself as a participant in this symposium by the code “CVC.” Special rate is guaranteed only through 3/24/2008. JH2008291/1144