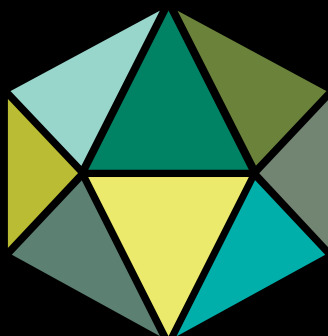




THIRTY-FIRST ANNUAL
**Clinical Virology
Symposium**
and
Annual Meeting of the Pan American
Society for Clinical Virology

April 26 – 29, 2015

Hilton Daytona Beach Oceanfront Resort
Daytona Beach, Florida

Call for Abstracts | Submission deadline: February 24, 2015

Present your work at the Clinical Virology Symposium! Submit an abstract for consideration. Accepted abstracts should be original research and will be presented in scheduled poster sessions.

Travel Grants | Applications due: February 1, 2015

Travel grants are available for students, postdoctoral fellows, and technologists.

For details, see www.clinicalvirologysymposium.org

*The 31st Annual Clinical Virology Symposium
is jointly sponsored by the American Society for Microbiology
and The France Foundation, and is being held in cooperation
with the Pan American Society for Clinical Virology.*



AMERICAN
SOCIETY FOR
MICROBIOLOGY



The France Foundation
A Continuing Education Company



Pan American Society
for Clinical Virology

Thirty-First Annual Clinical Virology Symposium

All events are held at The Ocean Center (101 N. Atlantic Ave.) unless otherwise noted.

Symposium Chairman

Steven Specter, Ph.D.

Symposium Co-Chairman

Richard L. Hodinka, Ph.D.

Symposium Program Committee

Angela Caliendo, M.D., Ph.D. Marie Landry, M.D.

Christine Ginocchio, Ph.D.

Benjamin Pinsky, M.D., Ph.D.

Randall Hayden, M.D.

Gregory Storch, M.D.

Colleen Kraft, M.D.

Stephen Young, Ph.D., D(ABMM)

Sunday, April 26, 2015

8:00 A.M. – 5:30 P.M.

Registration

10:00 A.M. – 2:30 P.M.

Edith Hsiung Practical Issues in Diagnostic Virology

4 contact hours

Chairs:

Diane Leland, Ph.D.; Indiana University School of Medicine and Indiana University of Health, Indianapolis, Indiana

Gregory Storch, M.D.; Washington University/ St. Louis Children's Hospital, St. Louis, Missouri

10:00 A.M. – 11:30 A.M.

Point/Counterpoint:

FDA Regulations of LDTs —

A Laboratory and Industry Perspective

Alan Mertz, M.A.; American Clinical Laboratory Association, Washington, DC

Andy Fish; AdvaMedDx, Washington, DC

Moderator:

Angela Caliendo, M.D., Ph.D.; Brown University, Providence, Rhode Island

11:30 A.M. – 12:00 P.M.

Networking Break

12:00 P.M. – 1:00 P.M.

Interactive Session: Virology Jeopardy

Alexandra Valsamakis, M.D., Ph.D.; Johns Hopkins Hospital, Baltimore, Maryland

1:00 P.M. – 1:45 P.M.

Practical Issues in Transplant Virology

Eric Rosenberg, M.D.; Massachusetts General Hospital, Harvard Medical School, Boston, Massachusetts

1:45 P.M. – 2:30 P.M.

Practical Issues in Health Economics and Outcomes in Clinical Virology

Beverly B. Rogers, M.D.; Children's Healthcare of Atlanta, Atlanta, Georgia

3:30 P.M.

PASCV Business Meeting and Travel Award Presentations

4:30 P.M. – 6:00 P.M.

Scientific Poster Presentations, Session I

Poster presenters will be available for discussion.

4:30 P.M. – 7:00 P.M.

Scientific Poster Viewing, Exhibits and Reception

Monday, April 27, 2015

7:00 A.M. – 1:00 P.M.

Registration

7:30 A.M. – 8:30 A.M.

Continental Breakfast, Scientific Poster Viewing, and Exhibits

8:30 A.M. – 12:55 P.M.

SESSION I: Clinical Aspects of Viral Diseases

3.5 contact hours

Chairs:

Randall Hayden, M.D.; St. Jude Children's Research Hospital, Memphis, Tennessee

John L. Sever, M.D.; George Washington University School of Medicine and Children's National Medical Center, Rockville, Maryland

8:30 A.M. – 9:30 A.M.

Viral Etiology in Unexpected Deaths

Sherif Zaki, M.D., Ph.D.; Centers for Disease Control and Prevention, Atlanta, Georgia

9:30 A.M. – 10:30 A.M.

Sheik Khan Memorial Lecture — Ebola: Plight of West Africa

Heinz Feldmann, M.D., Ph.D.; Laboratory of Virology/RML/NIAID/NIH, Hamilton, Montana

10:30 A.M. – 11:00 A.M.

Networking Break

11:00 A.M. – 12:00 P.M.

Severe Respiratory Virus — Enterovirus (EV D68)

Mary Anne Jackson, M.D.; Children's Mercy Hospital, Kansas City, Missouri

12:00 P.M. – 12:55 P.M.

Chikungunya and Dengue Viruses

Pablo Martinez de Salazar, M.D.; Caribbean Public Health Agency (CARPHA), Port of Spain, Trinidad and Tobago

1:15 P.M. – 4:15 P.M.

Exhibitor Workshops and Demonstrations

Hilton Daytona Beach Oceanfront Resort

4:30 P.M. – 6:00 P.M.

Scientific Poster Presentations, Session II

Poster presenters will be available for discussion.

4:30 P.M. – 7:00 P.M.

**Scientific Poster Viewing, Exhibits
and Reception**

7:00 P.M.

Banquet

Hilton Daytona Beach Oceanfront Resort

Tuesday, April 28, 2015

7:30 A.M. – 8:30 A.M.

**Continental Breakfast, Scientific Poster
Viewing, and Exhibits**

7:00 A.M. – 4:30 P.M.

Registration

8:30 A.M. – 12:55 P.M.

**SESSION II: Laboratory Diagnosis
of Viral Infections**

3.5 contact hours

Chairs:

*Christine Ginocchio, Ph.D., M.T. (ASCP);
bioMerieux, Durham, NC
Ariel Ignacio Suarez, BCh; IACA
Laboratorios, Bahía Blanca, Argentina*

8:30 A.M. – 9:30 A.M.

**One World — Implications for
Diagnostic Virology**

*Benjamin Pinsky, M.D.; Stanford University,
Stanford, California*

9:30 A.M. – 10:30 A.M.

Next Gen Sequencing for Viral Diagnosis

*Charles Chiu, M.D., Ph.D.; University of California,
San Francisco, San Francisco, California*

10:30 A.M. – 11:00 A.M.

Networking Break

11:00 A.M. – 12:00 P.M.

**Diagnostic Strategies for Viral CNS
Infections**

*Kenneth Tyler, M.D.; University of Colorado,
School of Medicine, Aurora, Colorado*

12:00 P.M. – 12:55 P.M.

Multiplex Testing for GI Infections

*Marek Smieja, M.D., Ph.D.; St. Joseph's
Healthcare/McMaster University, Hamilton,
Ontario, Canada*

2:15 P.M. – 4:15 P.M.

**Philip Hanff Memorial Clinical Case
Presentation and Discussions**

2 contact hours

*Richard L. Hodinka, Ph.D.; University of South
Carolina School of Medicine Greenville and
Greenville Health System, Greenville, South
Carolina*

*Marie Louise Landry, M.D.; Yale University/
Yale New Haven Hospital, New Haven,
Connecticut*

*Colleen S. Kraft, M.D., M.Sc.; Emory University,
Atlanta, Georgia*

4:30 P.M. – 6:00 P.M.

Scientific Poster Presentations, Session III

Poster presenters will be available for discussion.

4:30 P.M. – 7:00 P.M.

**Scientific Poster Viewing, Exhibits
and Reception**

Wednesday, April 29, 2015

7:30 A.M. – 8:30 A.M.

Continental Breakfast

7:30 A.M. – 1:00 P.M.

Registration

8:30 A.M. – 12:55 P.M.

**SESSION III: Prevention of and Therapy
for Viral Infections**

3.5 contact hours

Chairs:

*Stephen Young, Ph.D.; TriCore Reference
Laboratories, Albuquerque, New Mexico*

8:30 A.M. – 9:30 A.M.

Ebola Prevention and Therapy

*John S. Schieffelin, M.D.; Tulane University,
New Orleans, Louisiana*

9:30 A.M. – 10:30 A.M.

**Metapneumovirus Prevention and
Therapy**

*John V. Williams, M.D.; Vanderbilt University
School of Medicine, Nashville Tennessee*

10:30 A.M. – 11:00 A.M.

Networking Break

11:00 A.M. – 12:00 P.M.

Novel Approaches to Influenza Vaccine

*Richard Webby, Ph.D.; St. Jude Children's
Research Hospital, Memphis, Tennessee*

12:00 P.M. – 12:55 P.M.

New Herpes Virus Drugs

*Mark Prichard, Ph.D.; University of Alabama
at Birmingham, Birmingham, Alabama*

CONTINUING EDUCATION

Credit offered:

- **AMA PRA Category 1 Credits™**
(The France Foundation)
- **P.A.C.E.®** (ASM)
- **Florida Board of Clinical Laboratory Personnel** (ASM)

Resolution of Conflicts of Interest

In accordance with the ACCME Standards for Commercial Support of CME, The France Foundation will implement mechanisms, prior to the planning and implementation of this CME activity, to identify and resolve conflicts of interest for all individuals in a position to control content of this CME activity.

31ST ANNUAL CLINICAL VIROLOGY SYMPOSIUM CONTINUING EDUCATION

Target Audience

This activity is intended for physicians, laboratory directors, laboratory professionals, technicians, laboratory supervisors, technologists and other health care professionals with an interest in the latest developments in clinical and diagnostic virology.

Statement of Need

This international symposium will provide a forum for the meaningful exchange of ideas dealing with viral infections, and is led by biomedical scientists engaged in research and primary care physicians and laboratorians involved with patient care. 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.

Educational Activity

Learning Objectives

Upon completion of this course, the participants should be able to:

- Articulate the pathogenesis of viral diseases and the biology of the viruses that cause them;
- Develop an improved ability to perform and interpret diagnostic virology tests; and
- Apply methods of antiviral therapies and vaccination strategies.

Disclosure

The France Foundation and ASM adhere to ACCME Essential Areas, Standards, and Policies regarding industry support of continuing medical education. Disclosure of the planning committee, content reviewers, and faculty's commercial relationships will be made known at the activity. Speakers are required to openly disclose any limitations of data and/or any discussion of any off-label, experimental, or investigational uses of drugs or devices in their presentations. This activity is sponsored through an educational collaboration by ASM and The France Foundation.

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 joint sponsorship of The France Foundation and the American Society for Microbiology. The France Foundation is accredited by the ACCME to provide continuing medical education for physicians. This meeting is being held in cooperation with the Pan American Society for Clinical Virology.

Credit Designation

Physicians

The France Foundation designates this live activity for a maximum of 16.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

P.A.C.E.®

The American Society for Microbiology is an approved provider of continuing education programs in the clinical laboratory sciences through the ASCLS P.A.C.E.® program.

Florida Board of Clinical Laboratory Personnel

The Clinical Virology Symposium has been approved for up to 16.5 hrs CE Credit for Clinical Laboratory Directors, Supervisors, Technologists, and Technicians.

California Clinical Laboratory Scientists (CLS)

ASM is accredited by the California Department of Health Services to offer continuing education for California Clinical Laboratory Scientists. All sessions designated for CE credit will also qualify for California CE credit toward CLS license renewal.

HOTEL ACCOMMODATIONS

Hilton Daytona Beach Oceanfront Resort

\$175 per night; single or double, plus tax (currently 12.5%) There is no resort fee.
Complimentary in-room internet is included.

www.daytonahilton.com

The **Hilton Daytona Beach Oceanfront Resort** is the headquarters hotel of the Symposium. To book your hotel room at this discounted rate available to Symposium participants, please call 1-866-536-8477 and mention the code CVS15. The discounted rate is guaranteed through March 23, 2015.

CLINICAL VIROLOGY SYMPOSIUM REGISTRATION RATES

Registration Fee	On or before March 16, 2015	On or after March 17, 2015
ASM Premium Member	\$350	\$425
ASM Contributing Member	\$375	\$450
PASCV Member	\$375	\$450
ASM Global Outreach Member	\$375	\$450
ASM Supporting Member	\$475	\$550
ASM or PASCV Non-Member	\$475	\$550
Postdoc/Student ASM or PASCV Member	\$200	\$250
Postdoc/Student Non-Member *	\$250	\$300

* Letter from supervisor confirming student, fellow, or resident status required to receive non-member postdoc/student rate.

Symposium registration fee includes attendance at the banquet, evening receptions, program, access to online program library, and commemorative t-shirt.

Social Activities

Networking Breaks

Relax and enjoy snacks.

SUNDAY, APRIL 26 | 11:30 A.M. – 12:00 P.M.

MONDAY, APRIL 27 | 10:30 A.M. – 11:00 A.M.

TUESDAY, APRIL 28 | 10:30 A.M. – 11:00 A.M.

WEDNESDAY, APRIL 29 | 10:30 A.M. – 11:00 A.M.

Exhibit and Poster Hall
Receptions

Catch up with old friends and make new contacts.

SUNDAY, APRIL 26 | 4:30 P.M. – 7:00 P.M.

MONDAY, APRIL 27 | 4:30 P.M. – 7:00 P.M.

TUESDAY, APRIL 28 | 4:30 P.M. – 7:00 P.M.

Visit the Exhibit Hall to meet exhibitors, ask questions and see the latest technology.

Continental Breakfast

Connect with your colleagues during a light breakfast.

MONDAY, APRIL 27 | 7:30 A.M. – 8:30 A.M.

TUESDAY, APRIL 28 | 7:30 A.M. – 8:30 A.M.

WEDNESDAY, APRIL 29 | 7:30 A.M. – 8:30 A.M.

Banquet

Honor the 2015 award winners and toast the meeting at the Clinical Virology Symposium Banquet.

MONDAY, APRIL 27 | 7:00 P.M.

Nightspiker Volleyball Game

Get ready to glow! Join in the illuminated night-time match with your symposium peers.

TUESDAY, APRIL 28 | 10:00 P.M.

22nd Molecular Virology Workshop

Workshop Co-Chairs:

Matthew Binnicker, Ph.D., D(ABMM)
Randall T. Hayden, M.D.
Melissa B. Miller, Ph.D., D(ABMM)

The 22nd Molecular Virology Workshop is April 25, 2015. This one-day interactive workshop for clinical staff focuses on practical aspects of molecular diagnostics and on exciting new technologies, with this year's sessions encompassing verification and validation of molecular diagnostic assays, together with discussions on near patient testing technologies and their potential applications to diagnostic clinical virology.

Pan American Society for Clinical Virology

The Pan American Society for Clinical Virology was founded to foster the development of new techniques for rapid viral diagnosis, to improve quality control for reagents, to sponsor training programs, scientific meetings and symposia, to disseminate relevant information, to coordinate activities with other organizations, and to encourage collaborative research. Membership is open to laboratory directors, practicing physicians, research virologists, postdoctoral fellows, laboratory technologists and technicians throughout the Americas and the Caribbean, as well as to members of the European and Asian Societies for Clinical Virology. For more information or to become a member of the PASCV, please visit www.pascv.org or contact Jess Warner, Member Services, at jess.r.warner@gmail.com.

The 22nd Molecular Virology Workshop is jointly sponsored by the Pan American Society for Clinical Virology, the American Society for Microbiology and the France Foundation.

Saturday, April 25, 2015

7:00 A.M. – 10:00 A.M. Registration

8:00 A.M. – 8:05 A.M. Welcome

8:05 A.M. – 12:25 P.M.

SESSION I: Verification and Validation

Verification and Validation of Qualitative Tests

Michael Loeffelholz, Ph.D., D(ABMM); University of Texas Medical Branch, Galveston, Texas

Verification and Validation of Multi-Organism Tests

Esther Babady, Ph.D., D(ABMM); Memorial Sloan-Kettering Cancer Center, New York, New York

Verification of Viral Load Tests

Maurice Exner, Ph.D.; Intelligent MDx, Westford, Massachusetts

Ongoing Validation of Viral Load Tests

Thomas E. Gryz, Ph.D., D(ABMM); Mayo Clinic in Arizona, Phoenix, Arizona

12:25 P.M. – 1:30 P.M. Lunch

1:30 P.M. – 3:30 P.M.

SESSION II: Near Patient/Random Access Testing

Description of New Technologies

Richard L. Hodinka, Ph.D., F(AAM); University of South Carolina School of Medicine Greenville, Greenville, South Carolina

Point-Counter Point: Applications of Near Patient/Random Access Molecular Testing

Christopher W. Woods, M.D., MPH; Duke University School of Medicine, Durham, North Carolina

Donna M. Wolk, MHA, Ph.D., D(ABMM); Geisinger HealthSystem, Danville, Pennsylvania

WORKSHOP REGISTRATION RATES

Rate	On or before March 30, 2015	On or after March 31, 2015
ASM Premium Member	\$135	\$160
ASM Contributing Member	\$135	\$160
PASCV Member	\$135	\$160
ASM Global Outreach Member	\$135	\$160
ASM Supporting Member	\$185	\$210
ASM or PASCV Non-Member	\$185	\$210
Postdoc/Student ASM or PASCV Member	\$135	\$160
Postdoc/Student Non-Member *	\$185	\$210

* Letter from supervisor confirming student, fellow, or resident status required to receive non-member postdoc/student rate.

22nd Molecular Virology Workshop CE

Target Audience

This activity is intended for virology technicians, technologists, laboratory supervisors, laboratory directors, and other healthcare professionals with an interest in diagnostic molecular virology.

Statement of Need

The 22nd Molecular Virology Workshop is April 25, 2015. This one-day interactive workshop for clinical staff focuses on practical aspects of molecular diagnostics and on exciting new technologies, with this year's sessions encompassing verification and validation of molecular diagnostic assays, together with discussions on near patient testing technologies and their potential applications to diagnostic clinical virology.

Educational Activity Learning Objectives

Upon completion of this course, the participants should be able to:

- Understand the principles of verification and validation, as they relate to molecular diagnostic testing
- Understand how the use of multi-organism panels affects the appropriate design and execution of verification and validation procedures
- Design verification and validation procedures specific to quantitative (viral load) tests
- Identify and select near-patient or random-access technologies for detection of viral pathogens
- Understand the potential advantages and limitations of near-patient or random access technologies and their potential applications in various patient care settings

Disclosure

The France Foundation and ASM adhere to ACCME Essential Areas, Standards, and Policies regarding industry support of continuing medical education. Disclosure of the planning committee, content reviewers, and faculty's commercial relationships will be made known at the activity.

Speakers are required to openly disclose any limitations of data and/or any discussion of any off-label, experimental, or investigational uses of drugs or devices in their presentations.

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 joint sponsorship of The France Foundation, American Society for Microbiology, and Pan American Society for Clinical Virology. The France Foundation is accredited by the ACCME to provide continuing medical education for physicians.

This meeting is being held in cooperation with the Pan American Society for Clinical Virology.

Credit Designation

Physicians

The France Foundation designates this live activity for a maximum of 6 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

P.A.C.E.[®]

The American Society for Microbiology is an approved provider of continuing education programs in the clinical laboratory sciences through the ASCLS P.A.C.E.[®] program.

Florida Board Of Clinical Laboratory Personnel

The American Society for Microbiology is accredited by the Florida Department of Health to offer continuing education for Florida Clinical Laboratory Personnel. All sessions designated for CME credits will also qualify for Florida CE credits toward license renewal.

California Clinical Laboratory Scientists (CLS)

The American Society for Microbiology is accredited by the California Department of Health Services to offer continuing education for California Clinical Laboratory Scientists. All sessions designated for CME credits will also qualify for California CE credits toward CLS license renewal.

For more information and to register go to **www.clinicalvirologysymposium.org**

THIRTY-FIRST ANNUAL

Clinical Virology Symposium

SYMPOSIUM OBJECTIVE

This international symposium will provide a forum for the meaningful exchange of ideas dealing with viral infections and is led by biomedical scientists engaged in research and primary care physicians and laboratorians involved with patient care. 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.

22nd Molecular Virology Workshop

April 25, 2015

Hilton Daytona Beach Oceanfront Resort
Daytona Beach, Florida

*The 22nd Molecular Virology Workshop is jointly sponsored
by the Pan American Society for Clinical Virology, the American
Society for Microbiology and The France Foundation.*



AMERICAN
SOCIETY FOR
MICROBIOLOGY

1752 N Street NW
Washington, DC 20036

PRSRT STD
US POSTAGE PAID
YORK PA
PERMIT NO 356