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University of Colorado
Aurora, Colorado

Michael S. Saag, MD
Professor of Medicine
Associate Dean of Global Health
Jim Straley Chair of AIDS Research
University of Alabama at Birmingham
Birmingham, Alabama
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General Information

WELCOME AND GOALS

Welcome to the 2019 Ryan White HIV/AIDS Program CLINICAL CONFERENCE. The goals of the 2019 CLINICAL CONFERENCE are to:

- Provide key updates in HIV medicine for practitioners in Ryan White HIV/AIDS Program (RWHAP)-funded clinics and programs
- Facilitate networking and collaborations among attendees
- Equip attendees with information and tools for sharing this key information with clinic staff and colleagues

OVERVIEW

The 2019 CLINICAL CONFERENCE provides state-of-the-art updates on research, care, and treatment issues in the medical management of HIV infection for experienced HIV clinical decision makers.

The 2019 CLINICAL CONFERENCE is planned with and supported by the HIV/AIDS Bureau, Health Resources and Services Administration of the US Department of Health and Human Services (HRSA) and is sponsored and organized by the International Antiviral Society–USA (IAS–USA). This conference is coordinated through the RWHAP AIDS Education and Training Centers (AETC) clinician training network. A mix of lectures, case-based interactive presentations, and small-group meet-the-expert breakout sessions will be held during the 3 days of the 2019 CLINICAL CONFERENCE.

CONFERENCE FUNDING

This conference is funded by the Health Resources and Services Administration (HRSA) of the US Department of Health and Human Services (HHS) under grant number U1OHA28686.

Selected aspects of the conference are supported in kind by the IAS–USA.

The networking reception is supported in kind by the Hyatt Regency New Orleans.

MEALS AND INCIDENTALS

Attendees are responsible for their transportation expenses to and from the CLINICAL CONFERENCE, hotel stay costs, meals, and all other expenses. Coffee and meals will NOT be provided. Please check with your project officer about expenses that are covered by your RWHAP award. Per diem meal options will be available onsite.

WEBSITE

For additional information about the 2019 CLINICAL CONFERENCE please visit the website at https://www.iasusa.org/events/rwcc2019/

WEBCASTS AND PODCASTS

Webcasts and podcasts of the plenary lectures will be available within 10 business days following the conclusion of the conference. Please note: meet-the-expert breakout sessions will not be recorded.

POSTCONFERENCE MATERIALS AND RESOURCES

As you know, an important goal of the 2019 CLINICAL CONFERENCE is to provide attendees with the resources to update their clinical colleagues who were not able to attend the conference. To that end, a Slide Training Guide with PowerPoint slides and webcasts of each plenary lecture will be available after the 2019 CLINICAL CONFERENCE. About 2 months after the conference, you will be asked to summarize the postconference updates and trainings that you have conducted for you clinic staff and colleagues.
DRUG AND PRODUCT DISCLAIMER

This activity may contain information about the investigational uses of drugs or products that are not approved by the US Food and Drug Administration. Please consult full prescribing information before using any medication or product mentioned in this activity.

The views and opinions expressed are those of the faculty and do not necessarily represent the opinions or recommendations of the IAS–USA.

WI-FI ACCESS AT THE CONFERENCE

Complimentary Wi-Fi access is provided at the Hyatt Regency. Network information is as follows:

1. Your Internet Network ID is: RWCC19
2. Your password is: iasusa19
   (case sensitive)

REGISTRATION AND INFORMATION DESK HOURS

The hours of the 2019 CLINICAL CONFERENCE registration and information desk, located on the outside the conference area are as follows:

- Wednesday, December 4: 3:00 PM – 6:30 PM
- Thursday, December 5: 7:30 AM – 6:30 PM
- Friday, December 6: 7:30 AM – 5:15 PM
- Saturday, December 7: 7:30 AM – 12:30 PM

BADGES

When you arrive at the 2019 CLINICAL CONFERENCE, please check in at the registration desk to sign in and to pick up your name badge and CLINICAL CONFERENCE badge holder. You must have your name badge in order to access the conference and workshop rooms.

CONFERENCE ETIQUETTE

Please ensure all cell phones and pagers are off or are placed in SILENT mode in the meeting rooms. No flash photography is permitted in meeting rooms.

CLIMATE AND CLOTHING

Please check area forecasts before departing for the conference. Attire for the conference is business casual. Meeting rooms have the tendency to be quite cool; we advise you to dress accordingly.

CHILD CARE AND NEW MOTHERS

Children are not permitted in the meeting rooms, and child care will not be provided by the conference. If you are travelling with young children, please make arrangements in advance for child care during the conference sessions. There are nanny services available in New Orleans area.

Private and semi-private areas are available for nursing mothers. Please go to the IAS-USA Office (Celestin H) and speak with a staff member about the options.

NETWORKING RECESSION AND SMALL MEETINGS

Networking space is located on Level 2 in Strand 11B, on Level 3 in the Celestin Foyer, and on Level 4 in Imperial 8. Tables are on a first-come, first-serve basis. The space cannot be reserved. Small meeting space is available on Level 4 in Imperial Boardrooms 4, 6, and 7. Sign-up to reserve rooms will be posted outside each room.
The goals of the Health Resources and Services Administration (HRSA) of the US Department of Health and Human Services are to improve access to quality care and services, strengthen the health workforce, build healthy communities, and improve health equity. HRSA carries out 100+ programmatic initiatives designed to increase access to health care, improve quality and safeguard the health and well-being of the nation’s most vulnerable populations.

The HIV/AIDS Bureau (HAB) within HRSA is the largest single source of federal funding for outpatient HIV/AIDS care, serving low-income, uninsured and underinsured individuals. HAB administers the Ryan White HIV/AIDS Program. The Ryan White HIV/AIDS Program supports programs designed to increase access to care and treatment for underserved populations, reducing perinatal transmission, improving the health status of people with HIV disease, and improving the quality of life for those affected by the epidemic.

HAB has identified the following principles that guide its mission and programs: the HIV/AIDS epidemic is growing among traditionally underserved and hard-to-reach populations; the quality of emerging HIV/AIDS therapies can make a difference in the lives of people living with HIV disease; changes in the economics of health care are affecting the HIV/AIDS care network; and policy and funding are increasingly determined by outcomes. Around these principles, HAB has developed programs that focus on the most important issues in HIV/AIDS, including access to HIV/AIDS treatment, culturally-competent care for HIV as a chronic disease, treatment adherence, HIV risk reduction in the context of HIV primary care, data and evaluation, measuring outcomes, and reaching the most vulnerable populations affected by HIV.

The National HIV/AIDS Strategy (NHAS) for the United States: Updated to 2020 NHAS has 4 primary goals: 1) reducing new infections, 2) increase access to care and improve health outcomes for people living with HIV, 3) reduce HIV-related health disparities and health inequities, and 4) achieve a more coordinated national response to the HIV epidemic. HRSA/HAB works with its recipients to support and implement these goals.

This clinical conference further supports the principles of HAB and is funded under a cooperative agreement with HRSA.

International Antiviral Society–USA

Mission

The mission of the International Antiviral Society–USA (IAS–USA) is to improve the prevention, treatment, care, and quality of life for people with or at risk of HIV or other viral infections and their associated health conditions through high-quality, relevant, balanced, and needs-oriented education and information for practitioners and scientists who are actively involved in medical care and research.

Board of Directors

Nonstaff board members serve in a volunteer capacity and are not compensated for their roles in oversight and governance of the organization. As part of its duties, the board oversees the needs assessment, design, development, and evaluation of all educational programs. Visit www.iasusa.org/about/ias-usa-board-of-directors/ for a list of Board of Directors members.

HIV Prevention, Sexual Health, and Primary Care

Sexual Health, HIV Prevention, and Primary Care, a new educational effort from the IAS–USA, addresses the rising epidemic of sexually transmitted infections (STIs) in the United States. Programs include a national course and webinars addressing issues in the management of sexual health among adolescents and adults with or at risk for HIV infection. Content is designed for primary care clinicians, HIV specialists, and other clinicians who are responsible for the prevention and management of STIs and HIV. Information is presented through a mix of didactic lectures and clinically relevant cases developed.

**Improving the Management of HIV Disease®: An Advanced CME Live Course in HIV Pathogenesis, Antiretrovirals, and Other Selected Issues in HIV Disease Management**

These one-day live courses are designed for HIV specialists who are actively involved in HIV disease management or research. Nationally and internationally recognized faculty provide advanced-level presentations with balanced, timely, scientifically rigorous, and clinically relevant information about HIV disease management. These courses are held in several US cities each year. Visit www.iasusa.org/activities/live-courses/hiv-courses/ for upcoming courses.

**Webinars**

The IAS–USA offers state-of-the-art CME webinars led by nationally and internationally recognized faculty.

Each webinar lasts 75 to 90 minutes and addresses a current topic in HIV infection prevention and management and the treatment of concomitant conditions. Archived webinars now offer CME credit for a year.

**Conference on Retroviruses and Opportunistic Infections**

The IAS–USA organizes with the Conference on Retroviruses and Opportunistic Infections (CROI) Foundation to sponsor CROI, the most important HIV research conference worldwide. Webcasts, electronic posters, and abstracts from CROI 2014, and years forward are available at www.CROIconference.org.

CROI 2020 will be held in Boston, Massachusetts, from March 8 to March 11, 2020.

**Topics in Antiviral Medicine™**

The IAS–USA publishes the peer-reviewed journal *Topics in Antiviral Medicine™* 4 to 6 times a year as a resource for physicians and other health care practitioners who are actively involved in the care of patients with HIV or other viral infections. The journal offers CME credit and is indexed on Index Medicus/MEDLINE. To be added to our email list, please create an account on the IAS–USA website at www.iasusa.org. See the FAQ page for additional information on how to create an account. Subscriptions are complimentary.

**Treatment and Testing Guidelines**

The IAS–USA sponsors the development of clinical practice guidelines. The guidelines are written by independent volunteer panels of researchers and clinicians from around the world and focus on management issues for which definitive evidence is lacking. Guidelines for viral load testing, antiretroviral therapy, behavioral and biomedical HIV prevention, HIV drug resistance testing, cytomegalovirus infection, and metabolic complications have been published.

Recommendations on the use of antiretroviral drugs for treatment and prevention of HIV infection in adults, by the IAS–USA Antiretroviral Guidelines Panel, are published biannually in the *Journal of the American Medical Association*. Visit www.iasusa.org/resources/guidelines for updates.

**Drug Resistance Mutations Project**

Through the HIV Drug Resistance Mutations Panel, the IAS–USA provides regular updates on the mutations associated with resistance to antiretroviral drugs. The information on relevant mutations is collected and reviewed by a panel of acknowledged leaders in the field. This information, last updated in July 2019, is available in *Topics in Antiviral Medicine™*, on pocket reference cards (available from the IAS–USA), and on the IAS–USA website at www.iasusa.org/resources/hiv-drug-resistance-mutations/.

**Cases on the Web**

*Cases on the Web (COW)* is a series of case-driven Internet-based CME activities sponsored by the IAS–USA to offer physicians convenient online access to enduring material and top-quality education. The *COW* program provides basic and advanced-level educational activities that are offered for CME credit for as long as each *COW* is active, after which time they remain available in the *COW* archive for reference use only. Visit www.iasusa.org/activities/cases-on-the-web/active-cows/ for a current list of *COW* activities.

**Podcasts**

Some past IAS–USA live CME courses are available as podcasts and may be downloaded from the IAS–USA
website. Visit www.iasusa.org/resources/podcasts for details and a list of available presentations. Please note that these podcasts do not offer CME credit.

Slides
The IAS–USA offers a collection of downloadable Slides from presentations at conferences or past IAS–USA live courses. Presenters have selected the slides they consider the most informative and relevant. Slides may be downloaded as PowerPoint files from the IAS–USA website at www.iasusa.org/resources/key-slides/.

For information about any of these programs, please contact the IAS–USA.
Phone: (415) 544-9400
Email: registration@iasusa.org • Website: www.iasusa.org

AIDS Education and Training Center National Coordinating Resource Center

The AIDS Education and Training Center National Coordinating Resource Center (AETC NCRC) provides education, capacity building, and other training resources for regional AETCs along with the coordination and organization of AETC network communities of practice to support the mission to offer timely, high-quality, state-of-the-science information to health care professionals working with existing and emerging populations affected by HIV. The AETC Program is a Ryan White HIV/AIDS program consisting of a network of AETC programs: 8 regional AETCs, 3 national AETCs, and 5 health profession training programs. This project is supported by the Health Resources and Services Administration (HRSA) of the US Department of Health and Human Services (HHS) under grant number U1OHA28686 awarded to the François-Xavier Bagnoud Center from the Rutgers University School of Nursing.
Conference Co-Chairs and Faculty

**CHAIRS**

**Laura W. Cheever, MD, ScM**  
Associate Administrator  
Chief Medical Officer  
HIV/AIDS Bureau  
Health Resources and Services Administration  
Rockville, Maryland

**Steven C. Johnson, MD**  
Professor of Medicine  
University of Colorado  
Aurora, Colorado

**Michael S. Saag, MD**  
Professor of Medicine  
Associate Dean for Global Health  
Jim Straley Chair in AIDS Research  
University of Alabama at Birmingham  
Birmingham, Alabama

**SPEAKERS AND WORKSHOP LEADERS**

**Jean R. Anderson, MD**  
Professor of Gynecology and Obstetrics  
Johns Hopkins University  
Baltimore, Maryland

**Sara Ginella-Weibel, MD**  
Assistant Professor of Medicine  
University of California San Diego  
La Jolla, California

**John T. Brooks, MD**  
Chief Medical Officer  
Division of HIV/AIDS Prevention  
Centers for Disease Control and Prevention  
Atlanta, Georgia

**Tim Horn**  
Director, Medication Access and Pricing  
National Alliance of State & Territorial AIDS Directors  
Washington, DC

**R. Douglas Bruce, MD, MA, MS**  
Associate Clinical Professor of Medicine  
Chief of Medicine  
Cornell Scott-Hill Health Center  
Yale University  
New Haven, Connecticut

**Jayme E. Locke, MD, MPH**  
Director, Comprehensive Transplant Institute  
Chief, Division of Transplantation  
University of Alabama at Birmingham  
Birmingham, Alabama

**Heidi M. Crane, MD, MPH**  
Professor of Medicine  
University of Washington  
Seattle, Washington

**Hyman M. Scott, MD, MPH**  
Assistant Clinical Professor, HIV/ID and Global Medicine  
University of California San Francisco  
San Francisco, California

**Rajesh T. Gandhi, MD**  
Professor of Medicine  
Harvard Medical School  
Boston, Massachusetts

**David H. Spach, MD**  
Professor of Medicine  
University of Washington  
Seattle, Washington
Victor Valcour, MD, PhD  
Professor of Medicine  
Director, Global Brain Health Institute  
University of California San Francisco  
San Francisco, California

Kimberly A. Workowski, MD  
Professor of Medicine  
Emory University School of Medicine  
Atlanta, Georgia

Linda Wesp, PhD, APNP, FNP-C  
Adjunct Faculty  
University of Wisconsin – Milwaukee  
Milwaukee, Wisconsin
Conference Faculty and Organizers Financial Relationships With Commercial Entities

FACULTY FINANCIAL DISCLOSURE

It is the policy of IAS–USA to ensure balance, independence, objectivity, and scientific rigor in all its educational activities. All parties with control over the content of IAS–USA activities (eg, members of the Board of Directors, Advisory Board Members, activity chairs, authors, faculty, and IAS–USA staff) are required to disclose to the organization and activity audience any financial relationships with commercial interests discussed in the activity (eg, presentation or article) within the previous 12 months.

The ACCME defines financial relationships as “those relationships in which the individual benefits by receiving a salary, royalty, intellectual property rights, consulting fee, honoraria for promotional speakers’ bureau, ownership interest (eg, stocks, stock options or other ownership interest, excluding diversified mutual funds), or other financial benefit. Financial benefits are usually associated with roles such as employment, management position, independent contractor (including contracted research), consulting, speaking and teaching, membership on advisory committees or review panels, board membership, and other activities from which remuneration is received, or expected. ACCME considers relationships of the person involved in the CME activity to include financial relationships of a spouse or partner. The ACCME has not set a minimum dollar amount for relationships to be significant. Inherent in any amount is the incentive to maintain or increase the value of the relationship.”

The ACCME defines a commercial interest as “any entity producing, marketing, re-selling, or distributing health care goods or services consumed by, or used on, patients. The ACCME does not consider providers of clinical service directly to patients to be commercial interests – unless the provider of clinical service is owned, or controlled by, an ACCME-defined commercial interest.”

It is IAS–USA policy to separate commercial promotion from its core educational and informational activities. Individuals who conduct marketing or promotional activities for commercial firms may not contribute to IAS–USA programs. A marketing or promotional activity includes any activity in which the commercial entity controls key elements, such as speaker or topic selection that could be used to serve the entity’s commercial interests (eg, speakers’ bureaus and advertorials). Individuals may not participate in most IAS–USA programs for 12 months after functioning in a promotional or marketing effort for a commercial firm. The Conference on Retroviruses and Opportunistic Infections (CROI), a research conference, does allow presenters to take part in such activities, but conflicts of interest are resolved before their CROI presentations.

IAS–USA policy requires that it resolve any real or apparent conflict of interest that may influence the development, content, or delivery of its educational activities prior to the activity being delivered to participants.

The IAS–USA has several mechanisms for resolving conflicts of interest in educational activities. If the conflict of interest cannot be resolved through these mechanisms, the party will be removed from the activity.

It is the policy of IAS–USA to publish the financial interests of all parties in control of the content of its activities on activity materials or, in cases where space is limited (eg, reprints of figures), on the IAS–USA website, through a web address printed on the activity material. This information will also be provided directly by the IAS–USA office upon request.

The IAS–USA documents the date of the disclosure along with financial relationship information. As previously stated, the information published will reflect financial conflicts incurred within the previous 12 months. Individuals who refuse to disclose financial interests will not participate in the CME activity. It should be understood that other organizations may have different policies with regard to financial conflicts and with regard to the time period covered in the disclosure of financial conflicts.

In collaborative projects (eg, publication of materials in medical literature), the IAS–USA may adhere to the additional disclosure and conflict-of-interest policies of the collaborating journal.
Conference Faculty and Organizers Financial Relationships With Commercial Entities (Continued)

Below are the financial interests that faculty members of this conference have had within the past 12 months as of the date listed.

Conference Co-Chairs

Dr Cheever has no relevant financial affiliations to disclose. *(Updated 11/28/18)*

Dr Johnson has served on an advisory board for and received consultation fees to his institution from ViiV Healthcare. *(Updated 11/21/19)*

Dr Saag has received research grants and support awarded to his institution from Gilead Sciences, Inc, and ViiV Healthcare. *(Updated 11/21/19)*

Speakers and Breakout Session Leaders

Dr Anderson has received grants and research support from Gilead Sciences, Inc. Her spouse holds stock or stock options in Gilead Sciences, Inc. *(Updated 11/08/19)*

Mr Horn has no relevant financial affiliations to disclose. *(Updated 11/19/19)*

Dr Brooks has no relevant financial affiliations to disclose. *(Updated 11/21/19)*

Dr Locke has no financial relationship with commercial entities to report. *(Updated 11/21/19)*

Dr Bruce has no relevant financial affiliations to disclose. *(Updated 11/21/19)*

Dr Scott has no relevant financial affiliations to disclose. *(Updated 11/18/19)*

Dr Crane has no financial relationships with commercial entities related to the topic of her talk. Funding sources not related to topic area: ViiV Healthcare. *(Updated 11/21/19)*

Dr Spach has no relevant financial affiliations to disclose. *(Updated 10/27/19)*

Dr Valcour has served as a consultant to Merk & Co, Inc and ViiV Healthcare. *(Updated 11/20/19)*

Dr Wesp has no relevant financial affiliations to disclose. *(Updated 10/15/19)*

Dr Gandhi has served as a consultant or advisor to Merck & Co, Inc. *(Updated 11/18/19)*

Dr Workowski has received consulting or advisory fees paid through her institution for GSK and Jansen Therapeutics. *(Updated 11/22/19)*

Dr Gianella-Weibel has no relevant financial affiliations to disclose. *(Updated 11/18/19)*
CLINICAL CONFERENCE Agenda

WEDNESDAY, DECEMBER 4, 2019

PRECONFERENCE SESSION: BASICS OF HIV MANAGEMENT SESSION FOR PRACTITIONERS WHO ARE NEW TO THE FIELD

Moderated by: Laura W. Cheever, MD, ScM

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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| 4:00 – 6:00 PM | Fundamentals of Antiretroviral Therapy  
Michael S. Saag, MD  
Initiating Antiretroviral Therapy: What to Start and How to Monitor  
Steven C. Johnson, MD |
| 6:00 – 6:15 PM | Question-and-Answer Period                                                                 |

THURSDAY, DECEMBER 5, 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</table>
| 8:30 – 8:45 AM | Welcome to Day 1  
Michael S. Saag, MD |
| 8:45 – 9:05 AM | HRSA’s HIV/AIDS Bureau Updates  
Laura W. Cheever, MD, ScM |
| 9:05 – 9:20 AM | Question-and-Answer Period                                                                 |
| 9:20 – 9:50 AM | Investigational Approaches to Antiretroviral Therapy  
Rajesh T. Gandhi, MD |
| 9:50 – 10:05 AM | Question-and-Answer Period                                                                 |
| 10:05 – 10:20 AM | Short Break                                                                                 |
| 10:20 – 11:20 AM | Treating HIV in 2019: Interactive Cases From the Clinic(ians) and Panel Discussion  
Michael S. Saag, MD |
| 11:20 – 11:35 AM | Question-and-Answer Period                                                                 |
| 11:35 AM – 12:05 PM | Antiretroviral Therapy and Pregnancy in 2019: Current Recommendations and Controversies  
Jean R. Anderson, MD |
| 12:05 – 12:20 PM | Question-and-Answer Period                                                                 |
| 12:20 – 1:50 PM | Lunch                                                                                       |
| 1:50 – 2:20 PM | Best Practices in HIV Care: Providing Gender-Affirming Care for Transgender and Nonbinary People  
Linda Wesp, PhD, APNP, FNP-C |
| 2:20 – 2:35 PM | Question-and-Answer Period                                                                 |
| 2:35 – 3:05 PM | Opioid Use and Substance Abuse Disorder  
R. Douglas Bruce, MD, MA, MS |
| 3:05 – 3:20 PM | Question-and-Answer Period                                                                 |
| 3:20 – 3:40 PM | Break                                                                                       |
Concurrent Meet-the-Expert Breakout Sessions (Session preregistration is required)

Investigational Antiretroviral Drugs and Strategies – Rajesh T. Gandhi, MD
This session will focus on new approaches to treating HIV, including emerging 2-drug regimens, long-acting antiretroviral medications, and new classes of HIV medicines that are nearing approval or are on the horizon.

Substance Abuse and HIV Infection – R. Douglas Bruce, MD, MA, MS
This session will provide an in-depth discussion of substance use disorders beyond opioids (e.g., cocaine, marijuana, benzodiazepines, and club drugs). Specific cases that illustrate common themes in treating HIV infection among people with substance use disorders will be presented. Attendees are encouraged to bring cases for discussion.

Managing Older Patients with HIV Infection – Steven C. Johnson, MD
This session will focus on clinical issues in the care of older patients with HIV infection including late presentation, poor reconstitution, frailty, polypharmacy, and non-AIDS cancers.

Managing HIV Infection Among Transgender Adults – Linda Wesp, PhD, APNP, FNP-C
This session focuses on various aspects of gender-affirming and culturally safe care, covering the most common questions clinicians new to transgender health have. Attendees are encouraged to bring cases for discussion.

Management and Prevention of Common HIV-Related Complications – David H. Spach, MD
This session will focus on clinical issues in the care of persons with HIV infection including recognition and treatment of common clinical manifestations (including skin and oral manifestations), routine lab monitoring before and after starting antiretroviral therapy, immunizations, and updated recommendations for prevention of opportunistic infection.

Networking Reception
The Hyatt Regency New Orleans is offering a complimentary networking reception for attendees. Light hors d’oeuvres will be served and a cash bar will be available.
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>8:30 – 8:45 AM</td>
<td>Welcome to Day 2</td>
<td>Steven C. Johnson, MD</td>
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<tr>
<td>8:45 – 9:15 AM</td>
<td>Inflammation and Its Role in HIV Pathogenesis and Aging</td>
<td>Sara Gianella-Weibel, MD</td>
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<td>9:15 – 9:30 AM</td>
<td>Question-and-Answer Period</td>
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<td>9:30 – 10:00 AM</td>
<td>Neurocognitive Disorders in HIV</td>
<td>Victor Valcour, MD, PhD</td>
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<tr>
<td>10:00 – 10:15 AM</td>
<td>Question-and-Answer Period</td>
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<tr>
<td>10:15 – 10:30 AM</td>
<td>Short Break</td>
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<tr>
<td>10:30 – 11:00 AM</td>
<td>Renal Disease and Kidney Transplant</td>
<td>Jayme E. Locke, MD, MPH</td>
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<tr>
<td>11:00 – 11:15 AM</td>
<td>Question-and-Answer Period</td>
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<tr>
<td>11:15 – 11:45 AM</td>
<td>Cardiovascular Disease in HIV</td>
<td>Heidi M. Crane, MD, MPH</td>
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<tr>
<td>11:45 – 12:00 PM</td>
<td>Question-and-Answer Period</td>
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<td>12:00 – 1:30 PM</td>
<td>Lunch</td>
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<td>1:30 – 2:30 PM</td>
<td>Common PrEP Questions: A Case-Based Discussion</td>
<td>Hyman M. Scott, MD, MPH</td>
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<tr>
<td>2:30 – 2:45 PM</td>
<td>Question-and-Answer Period</td>
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<td>2:45 – 3:15 PM</td>
<td>Drug Pricing and Generics: Impact on Ryan White HIV/AIDS Programs</td>
<td>Tim Horn</td>
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<tr>
<td>3:15 – 3:30 PM</td>
<td>Question-and-Answer Period</td>
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<tr>
<td>3:30 – 3:50 PM</td>
<td>Break</td>
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Concurrent Meet-the-Expert Breakout Sessions (Session preregistration is required)

**Antiretroviral Therapy: Managing Treatment Failure – Steven C. Johnson, MD**
This session will focus on the approach to treatment failure including definitions of treatment failure, the use of resistance testing, and antiretroviral agents useful in early failure and in salvage regimens. Attendees are encouraged to bring cases for discussion.

**Preexposure Prophylaxis (PrEP) – Hyman M. Scott, MD, MPH**
This session will focus on challenging PrEP evaluation and management scenarios, adherence, non daily PrEP, HIV and STI testing, and management of renal complications related to PrEP use.

**Renal Disease in HIV Infection – Jayme E. Locke, MD, MPH**
This session will focus on post-transplant care of people with HIV infection including viral, immune, infection, and metabolic control; malignancy risk and bone disease.

**Neurocognitive Disorders in HIV – Victor Valcour, MD, PhD**
This session is designed to review challenging clinical cases in a discussion format. Attendees are welcome to bring cases to the workshop for group discussion.

**Management and Prevention of Common HIV-Related Complications – David H. Spach, MD**
This session will focus on clinical issues in the care of persons with HIV infection including recognition and treatment of common clinical manifestations (including skin and oral manifestations), routine lab monitoring before and after starting antiretroviral therapy, immunizations, and updated recommendations for prevention of opportunistic infections.

**Prescription Drug Pricing and Cost Considerations in the Management of HIV Infection – Tim Horn**
This session will serve as an opportunity for participants to better understand and discuss key aspects of HIV treatment drug pricing and cost containment across the US healthcare system and within the Ryan White HIV/AIDS Program.
SATURDAY, DECEMBER 7, 2019

8:30 – 8:45 AM  Welcome to Day 3  
Laura W. Cheever, MD, ScM

8:45 – 10:00 AM  Ending the HIV Epidemic: Reaching the Unsuppressed and Out of Care Panel Discussion  
Moderated by:  
Laura W. Cheever, MD, and John T. Brooks, MD

10:00 – 10:30 AM  Sexually Transmitted Infections on the Rise: Syphilis, Chlamydia, and Gonorrhea  
Kimberly A. Workowski, MD

10:30 – 10:45 AM  Question-and-Answer Period

10:45 – 11:05 AM  Break

11:05 AM – 12:05 PM  Concurrent Meet-the-Expert Breakout Sessions (Session preregistration is required)  

Antiretroviral Therapy: Managing Treatment Failure – Michael S. Saag, MD  
This session will focus on the approach to treatment failure including definitions of treatment failure, the use of resistance testing, and antiretroviral agents useful in early failure and in salvage regimens. Attendees are encouraged to bring cases for discussion.

Diagnosing and Treating Chlamydia and Gonorrhea – Kimberly A. Workowski, MD  
This session will focus on the diagnosis and treatment of chlamydia and gonorrhea.

Neurocognitive Disorders in HIV – Victor Valcour, MD, PhD  
This session is designed to review challenging clinical cases in a discussion format. Attendees are welcome to bring cases to the workshop for group discussion.

Management and Prevention of Common HIV-Related Complications – David H. Spach, MD  
This session will focus on clinical issues in the primary care of persons with HIV infection including recognition and treatment of common clinical manifestations (including skin and oral manifestations), routine lab monitoring before and after starting antiretroviral therapy, immunizations, and updated recommendations for prevention of opportunistic infections.

Ending the HIV Epidemic – Laura W. Cheever, MD, ScM and John T. Brooks, MD  
This will be an audience listening session moderated by Dr. Cheever and Dr. Brooks. This session will be an in-depth continuation of the correlating panel discussion, focusing on strategies regarding aspects of the care continuum.
The **2019 CLINICAL CONFERENCE** will provide state-of-the-art updates on research, care, and treatment issues in the medical management of HIV infection.

Upon completion of the **2019 CLINICAL CONFERENCE**, participants will be able to:

- Describe the new aspects to the Ryan White HIV/AIDS Program
- Apply current data on HIV management that includes antiretroviral treatment strategies for medical care of people with established HIV infection and the consideration of special clinical circumstances, such as pregnancy
- Describe current data on investigational new drugs and approaches
- Determine which patients might benefit from prevention intervention strategies, including the use of preexposure prophylaxis (PrEP), and initiate and monitor uninfected patients at risk for HIV infection
- Describe the current epidemiology, clinical presentations, and management of the most common sexually transmitted infections (STIs) in patients with HIV infection
- Detect and manage common comorbidities occurring in the aging population of persons with HIV infection, including renal disease and those in need of transplant, cardiovascular disease, and neurocognitive disorders
- Identify individuals with chronic opioid dependency and develop treatment strategies for the management of these patients with opioid substitution therapy
- Identify best practices for ending the HIV epidemic

**EDUCATIONAL FORMAT**

The **2019 CLINICAL CONFERENCE** will promote active participation by HIV practitioners throughout the 3 days of lectures, case-based panel discussions, workshops, and question-and-answer periods. Attendees are encouraged to bring cases and questions for discussion.

- **Lectures** provide state-of-the-art updates on timely and clinically relevant issues around HIV diagnosis and management, and management of related conditions.
- **Case presentations** outline patient histories, and attendees use an audience response system to register their diagnostic or treatment choices. Faculty members use clinical decision points in case presentations as springboards for discussing new data and current diagnostic and therapeutic topics in HIV management. Select case presentations are enhanced with a panel of experts.
- **Question-and-answer periods** give the audience, faculty, and panelists extended opportunities to review complex topics in HIV management.
- **Meet-the-expert breakout sessions** allow clinical decision makers to have time with experts. Each workshop is 60 minutes in length. Attendees should review their workshop assignment sheet for their individual schedule.

We encourage you to provide your comments and suggestions on the online conference evaluation and overall conference evaluation forms at [http://www.iasusa.org/events/rwcc2019/](http://www.iasusa.org/events/rwcc2019/)

Please note that photographing, videotaping, or audio recording presentations is not permitted. Webcasts of the lectures will be available at [www.iasusa.org/resources/webcasts/](http://www.iasusa.org/resources/webcasts/)

**ASSESSMENT OF NEEDS**

The goal of the **2019 CLINICAL CONFERENCE** is to provide a comprehensive and timely overview of HIV treatment issues and current strategies in HIV medical care for practitioners in Ryan White HIV/AIDS Program, Parts A-, B-, C-, D-, and F-funded clinics/programs.

**INTENDED AUDIENCE**

This is an advanced-level conference that is designed for physicians, nurse practitioners, physician assistants, and other key clinical decision makers in Ryan White HIV/AIDS Program-funded clinics and programs who are experienced in HIV medicine.
Continuing Education Credits

ACCREDITATION STATEMENT AND CME CREDITS

Physicians (MD, DO, and international equivalents) are eligible to receive CME credit for participation in the 2019 CLINICAL CONFERENCE.

The International Antiviral Society–USA (IAS–USA) is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The IAS–USA designates this live activity for a maximum of 17.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ABIM MOC POINTS FOR INTERNAL MEDICINE SPECIALISTS AND SUBSPECIALISTS

Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 17.75 MOC points in the American Board of Internal Medicine’s (ABIM) Maintenance of Certification (MOC) program. Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. It is the CME activity provider’s responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

NURSING CONTINUING EDUCATION CONTACT HOURS

Educational Review Systems is an approved approver of continuing nursing education by the Alabama State Nursing Association, an accredited approver by the American Nurses Credentialing Center’s Commission on Accreditation. Provider # 5-115. This program is approved for up to 17.75 hours of continuing nursing education.

Educational Review Systems is also approved for nursing continuing education by the state of California, the state of Florida and the District of Columbia.

PHARMACY CONTINUING EDUCATION CONTACT HOURS

Educational Review Systems is accredited by the Accreditation Council for Pharmacy Education (ACPE) as a provider of continuing pharmacy education. Participants of the session who complete the evaluation and provide accurate NABP e-Profile information will have their credit for up to 17.75 contact hours (1.775 CEU) submitted to CPE Monitor as early as 14 days after the event and no later than 60 days after the event. Please know that if accurate e-Profile information is not provided within 60 days of the event, credit cannot be claimed after that time. The participant is accountable for verifying the accurate posting of CE credit to their CPE Monitor account within 60 days. UAN #s 0761-9999-19-310-L02-P; 0761-9999-19-311-L02-P; 0761-9999-19-312-L02-P, 0761-9999-19-313-L02-P.

AMERICAN ACADEMY OF FAMILY PHYSICIANS (AAFP) CREDITS

This Live activity, 2019 Ryan White HIV/AIDS Program (RWHAP) CLINICAL CONFERENCE, with a beginning date of 12/04/2019, has been reviewed and is acceptable for up to 17.00 Prescribed credit(s) by the American Academy of Family Physicians. Physicians should claim only the credit commensurate with the extent of their participation in the activity.
CLAIMING CME CREDITS OR A CERTIFICATE OF PARTICIPATION

Obtaining CME credit, American Board of Internal Medicine’s Maintenance of Certification (ABIM MOC) points, Nursing or Pharmacy credits, American Academy of Family Physicians (AAFP) credit, or a certificate of participation will require that you complete an evaluation of the activity. After the activity has ended, a link to the evaluation form and a posttest will be activated in your IAS–USA account under My Activities.

### How to Claim CME Credits and/or ABIM MOC Points

2. Hover over your name and click My Activities.
3. Find the relevant activity in the table and, in the far-right column, click on the grey sunburst icon (🌈).
4. Complete the evaluation.
5. When you get to the end of the evaluation, click Submit Form. Click Take the CME/ABIM MOC posttest to start the test. Note: Be sure to indicate if you will be claiming ABIM MOC points, which will require a passing grade of 70%
6. **FINAL STEP:** After completing the posttest, at the top of the Thank you page, click “online CME claim form”, where, once logged in, you will: a) answer “Yes” to the question “Are you a licensed physician?” b) enter the CME hours you wish to claim, and c) click Submit.

A certificate will then be available for you to print. You can also view your certificate from your IAS–USA account under My Activities. Find the relevant activity in the table and, in the far-right column, click on the green sunburst icon (🟢) to print your certificate. Submit the claim form no later than 30 days after the date of the activity.

ABIM MOC points are intended for internal medicine physicians in the United States who are maintaining their ABIM certification. The points will only be awarded after the successful completion of the posttest. The ABIM will upload the points to your member account after 30 days and notify you by email when it has done so.

### How to Claim Pharmacy Credits

Be sure to provide your 6-digit NABP CPE number and your date of birth on your IAS–USA profile. Your claim will not be approved without them.

1. Follow steps 1 through 4 above.
2. When you get to the end of the evaluation, click Submit Form. Click Take the CE posttest to start the test.
3. **FINAL STEP:** After completing the posttest, at the top of the Thank you page, click “online CME claim form”, where, once logged in, you will: a) answer “No” to the question “Are you a licensed physician?” and b) click Submit.

A certificate will then be available for you to print. You can also view your certificate from your IAS–USA account under My Activities. Find the relevant activity in the table and, in the far-right column, click on the green sunburst icon (🟢) to print your certificate. Submit the claim form no later than 30 days after the date of the activity.

Educational Review Systems provides credit to pharmacy professionals, and your credits will be posted to your NABP CPE profile directly from that organization.
How to Claim Nursing Credits

1. Follow steps 1 through 4 above.
2. When you get to the end of the evaluation, click Submit Form. Click Take the CE posttest to start the test.
3. **FINAL STEP:** After completing the posttest, at the top of the Thank you page, click “online CME claim form”, where, once logged in, you will: a) answer “No” to the question “Are you a licensed physician?” and b) click Submit.

A certificate will then be available for you to print. You can also view your certificate from your IAS–USA account under My Activities. Find the relevant activity in the table and, in the far-right column, click on the green sunburst icon (●) to print your certificate. Submit the claim form no later than 30 days after the date of the activity.

Educational Review Systems provides credit to nursing professionals, and your credit notification will be emailed directly from that organization.

How to Claim AAFP Credits

1. Login to your AAFP account.
2. Search for course title, "2019 Ryan White HIV/AIDS Program (RWHAP) CLINICAL CONFERENCE"
3. Claim your credits
How to Use Poll Everywhere

Here are the steps working with the audience-response system, Poll Everywhere.

Responding via the web (RECOMMENDED)

- When you are logged into the WiFi and the course begins, join Poll Everywhere by going to www.PollEv.com/iasusa334 on your device.
- To answer a multiple-choice question, enter or select your choice in the Response field and click Submit Response. You will have approximately 10 to 20 seconds to enter an answer.
- To cancel an answer, click on Clear response. This can only be done while the poll is open.

SMS text messaging instructions

- Text KEYWORD “IASUSA334” to “22333” once to join the session.
- Text your answer using: A, B, C, D, or etc.
- The initial KEYWORD you text in is remembered. For the next poll question, you only have to submit A, B, C, etc, in your SMS text message.