PROGRAM

MONDAY 26 SEPTEMBER

08.00 AM Registration
08.30 AM Opening of the Workshop
   Todd Brown, MD, PhD, Johns Hopkins University, Baltimore, MD, USA

Session 1  Mechanisms of Sarcopenia
  Chairs: Todd Brown & Kristine Erlandson

08.45 AM Fat Composition in Muscle Tissue
   Bret Goodpaster, PhD, Translational Research Institute for Metabolism and Diabetes, Florida Hospital, Orlando, FL, USA

09.15 AM Geronic Proteins
   Steven Cummings, MD, FACP, UCSF, San Francisco, CA, USA

09.45 AM Discussion

Abstract-driven Presentations:
10.00 AM T-cell reactivity to cytomegalovirus, inflammation, and frailty in HIV+ and HIV- men who have sex with men  J. Margolick #01
10.15 AM HIV-Infection Attenuates the Age Associated Slowing of Resting Metabolic Rate  J. Schrack #02

10.30 AM Group picture
10.45 AM Coffee Break and Poster Viewing (posters 16 to 29)

Session 2  Aging-related Comorbidities in HIV
  Chairs: Giovanni Guaraldi & Julian Falutz

11.30 AM Hot Topics in HIV Aging Research
   Steven Cummings, MD, FACP, UCSF, San Francisco, CA, USA

Abstract-driven Presentations:
11.45 AM Factors Associated with Limitations in Daily Activity Among Older HIV+ Adults  K. Erlandson #03
12.00 PM Longitudinal Study of Falls among HIV-infected and Uninfected Women: Results from the Women’s Interagency HIV Study  A. Sharma #04
12.15 PM Frailty Status and Risk of Falls in HIV-Infected Older Adults in the ACTG A5322 Study  K. Tassiopoulos #05
12.30 PM High Burden of Metabolic Comorbidities in a Citywide Cohort of HIV Outpatients: Evolving Health Care Needs of People Aging with HIV in Washington, DC  M. Levy #06
### PROGRAM

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<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Speaker(s)</th>
<th>Notes</th>
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<tbody>
<tr>
<td>12.45 PM</td>
<td>Eliminating smoking and hypertension and effectively treating HIV would avoid</td>
<td>K. Althoff #07</td>
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<tr>
<td></td>
<td>a substantial proportion of myocardial infarctions among adults aging with HIV</td>
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<tr>
<td>01.00 PM</td>
<td>Lunch</td>
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#### Session 3  HIV, Aging, & the CNS (Part 1)

**Chairs:** Jonathan Schapiro & Joseph Margolick

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<tbody>
<tr>
<td>02.00 PM</td>
<td><strong>HIV and Cerebrovascular Disease: an Intersection of Epidemics</strong></td>
<td>Felicia Chow, MD, UCSF, San Francisco, CA, USA</td>
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<td>02.30 PM</td>
<td><strong>Biological Mechanisms and Neuropathology of HIV, Cerebrovascular Disease, and Stroke</strong></td>
<td>Susan Morgello, MD, Mount Sinai Hospital, New York, NY, USA</td>
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<td>03.00 PM</td>
<td>Panel Discussion</td>
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<tr>
<td>03.30 PM</td>
<td>Coffee Break</td>
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#### Session 4  HIV, Aging, & the CNS (Part 2)

**Chairs:** Scott Letendre & David Moore

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<tr>
<td>04.00 PM</td>
<td><strong>Hot Topics in HIV Aging Research: HIV Eradication in CNS</strong></td>
<td>Kamel Khalili, PhD, Temple University, Philadelphia, PA, USA</td>
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<td>04.15 PM</td>
<td><strong>Abstract-driven Presentations</strong></td>
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<tr>
<td>04.30 PM</td>
<td>Higher CMV Antibody Concentrations are Associated with Older Age and Worse</td>
<td>S. Letendre #08</td>
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<td></td>
<td>Neurocognitive Performance in Adults Living with HIV Disease</td>
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<td>04.45 PM</td>
<td>Mitochondrial DNA damage in brain associated with HIV infection</td>
<td>C. Roca #09</td>
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<tr>
<td>05.00 PM</td>
<td><strong>Blood-Brain Permeability and Neurocognitive Performance in HIV+ Adults</strong></td>
<td>J. Iudicello #10</td>
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<td>05.00 PM</td>
<td><strong>Debate: Testosterone Replacement in the Aging Male</strong></td>
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<td>Moderator: Todd Brown, MD, PhD, Johns Hopkins University, Baltimore, MD, USA</td>
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<td>Adrian Dobs, MD, MHS, Johns Hopkins University, Baltimore, MD, USA</td>
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<td>Shehzad Basaria, MD, Harvard Medical School, Boston, MA, USA</td>
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<td>06.00 PM</td>
<td>End of Plenary Session</td>
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**Welcome Drinks and Poster Viewing (posters 30 to 41)**

**06.45 PM**  Departure for the Workshop Dinner
TUESDAY 27 SEPTEMBER

**Session 5  Biological Aging**  
**Chairs:** Charles Boucher & Madhav Thambisetty

- **08.30 AM**  
  **Telomeres, Telomerase and T cell Aging**  
  *Mary Armanios, MD*, Johns Hopkins University, Baltimore, MD, USA

- **09.00 AM**  
  **HIV-1 Infection Accelerates Age According to the Epigenetic Clock**  
  *Steve Horvath, PhD*, UCLA, Los Angeles, CA, USA

- **08.30 AM**  
  **Discussion**

**Abstract-driven Presentations**

- **09.45 AM**  
  Future challenges for clinical care in the ageing HIV-population: a “geriatric-HIV” modelling study  
  *G. Guaraldi* #11

- **10.00 AM**  
  The effect of age on immune system reconstitution among HIV infected patients on antiretroviral therapy in resource limited settings  
  *K. Stafford* #12

- **10.15 AM**  
  Circulating LOXL2 Levels Reflect Severity of Intestinal Fibrosis and CD4+ T Lymphocyte Depletion in Treated HIV Infection  
  *J. Lake* #13

- **10.30 AM**  
  Coffee Break and Poster Viewing

**Session 6  Best practice in geriatric care - Round table discussion on Medical/Psychosocial needs of the aging HIV population**  
**Moderator:** Julian Falutz

- **11.00 AM**  
  HIV treaters's view  
  *Cynthia Gibert, MD, MS*, George Washington University, Washington, DC, USA  
  Non-HIV care provider  
  *Eugenia Siegler, MD*, Weill Cornell Medicine, New York, NY, USA  
  Community and patients' perspective  
  *Christopher Camp, MSc*, Baltimore, MD, USA  
  A focus on psychosocial needs  
  *Molly Perkins, PhD*, Emory University School of Medicine, Atlanta, GA, USA

- **12.30 PM**  
  Discussion

- **01.00PM**  
  Lunch
## Session 7  Successful Aging

**Chairs:** Charles Flexner & Scott Letendre

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<th>Time</th>
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<tr>
<td>02.00 PM</td>
<td>Differential diagnoses of various psychological conditions</td>
<td>Sean Rourke, PhD,</td>
<td>University of Toronto, Canada</td>
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<td>02.30 PM</td>
<td>Impact of aging on neurocognitive performance among previously antiretroviral-naïve HIV+ individuals on their first suppressive regimen</td>
<td>H. Coban</td>
<td>#14</td>
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<tr>
<td>02.45 PM</td>
<td>Age-Dependent Associations of CSF Iron Transport with Neurocognitive Function Over Time in HIV+ Adults</td>
<td>H. Kaur</td>
<td>#15</td>
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<td>03.00 PM</td>
<td>Closing remarks</td>
<td>Scott Letendre, MD</td>
<td>UCSD, San Diego, CA, USA</td>
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