ADVANCES IN COVID-19 TREATMENT STRATEGIES AND CONTROLLING THE EPIDEMIC

Carlos del Rio (presenting)
### O-01: TARGETS AND BARRIERS TO VIRAL INFECTION (ORAL)

**Monday 2/14**
11:09 AM MT
*(1:09 PM ET)*

#25  TYPE-I INTERFERON MODULATION IN VIVO BLOCKS SARS-CoV-2 REPLICATION AND INFLAMMATION

Timothy Hoang *(presenting)*, Elise Viox, Amit Upadhyay, Maria Pino, Arun Boddapati, Gregory Tharp, Zachary Strongin, Thomas Vanderford, Monica Vaccari, Jacob Estes, Daniel Douek, Gideon Schreiber, Steven Bosinger, Mirko Paiardini

### P-B01: NONHUMAN PRIMATE MODELS OF HIV INFECTION (POSTER)

**Monday 2/14**
2:00-3:30 PM MT
*(4:00-5:30 PM ET)*

#188  VIRAL AND IMMUNE PREDICTORS OF TIME TO VIRAL REBOUND IN SHIV-INFECTED INFANT MACAQUES

Veronica Obregon-Perko *(presenting)*, Achal Awasthi, Richard Barfield, Stella Berendam, Bhrugu Yagnik, Fan Bu, Tiffany Styles, Mithra Kumar, Emily Fray, Janet Siliciano, Rama Amara, Genevieve Fouda, Sallie Permar, Cliburn Chan, Ann Chahroudi

#189  IMPACT OF CD4 BINDING SITE bNAbs ON BARCODED TF-SHIV-D REBOUND IN MACAQUES AT ATI

Elise Viox *(presenting)*, Sadia Samer, Kevin Nguyen, Emily Lindemuth, Felicity Mampe, Steffen Docken, Mykola Pinkevych, M. Betina Pampena, Brandon Keele, Michael Betts, Miles Davenport, Mirko Paiardini, Katharine Bar

### P-D02: SARS-CoV-2 VACCINES (POSTER)

**Monday 2/14**
2:00-3:30 PM MT
*(4:00-5:30 PM ET)*

#251  SPIKE PLUS NUCLEOCAPSID VACCINE PROTECTS AGAINST SARS-CoV-2 DELTA INFECTION IN NHPs


### P-E03: INTERVENTIONS TO TARGET THE VIRAL RESERVOIR AND DELAY VIRAL REBOUND (POSTER)

**Monday 2/14**
2:00-3:30 PM MT
*(4:00-5:30 PM ET)*

#348  COMBINATION OF PD-1 BLOCKADE AND AZD5582 THERAPY IN SIV+ MONKEYS

Bhrugu Yagnik *(presenting)*, Sheikh Abdul Rahman, Gordon Freeman, Rafi Ahmed, Rama Amara

### P-O05: CMV AND FUNGAL OPPORTUNISTIC INFECTIONS (POSTER)

**Monday 2/14**
2:00-3:30 PM MT
*(4:00-5:30 PM ET)*

#666  ACTG A5351S: EFFECT OF IMMUNE-MODULATORY INTERVENTIONS ON CMV REPLICATION DURING ART

Elizabeth Hastie *(presenting)*, Carlee Moser, Xin Sun, Jeff Lennox, Priscilla Hsue, Ronald Bosch, Steven Deeks, Milenka Vargas, Michael Lederman, Peter Hunt, Timothy Henrich, Vincent Marconi, Sara Gianella

**BOLD** = Emory CFAR Investigator
## O-05: HIV RESERVOIRS AND CURE STRATEGIES (ORAL)

**Tuesday 2/15**

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<thead>
<tr>
<th>Session</th>
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</thead>
<tbody>
<tr>
<td>#64</td>
<td>10:06-11:25 AM MT (12:06-1:25 PM ET)</td>
<td>AZD5582 PLUS SIV mAbs TO REDUCE TISSUE RESERVOIRS IN ART-SUPPRESSED MACAQUES</td>
<td>Amir Dashti <em>(presenting)</em>, Sophia Sukkestad, Anna Horner, Margaret Neja, Nils Schoof, Maud Magvigner, Jeffrey Lifson, Shane Falcinelli, Hannah King, Rosemarie Mason, Richard Dunham, David Margolis, Mario Roederer, Guido Silvestri, Ann Chahroudi</td>
</tr>
<tr>
<td>#70</td>
<td>12:06-1:25 PM ET</td>
<td>DELAYED VIRAL REBOUND FOLLOWING ANTIBODY ADMINISTRATION IN INFANT MACAQUES</td>
<td>Jenna Powers <em>(presenting)</em>, Katherine Bricker, Brianna Williams, Danielle Oliver, Veronica Obregon-Perko, Dormarie Rivera Rodriguez, Sophia Sukkestad, Amir Dashti, Rosemarie Mason, Mario Roederer, Ann Chahroudi</td>
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</tbody>
</table>

## P-B03: CORRELATES OF SARS-CoV-2 OUTCOMES (POSTER)

**Tuesday 2/15**

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<tr>
<th>Session</th>
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<tbody>
<tr>
<td>#205</td>
<td>2:00-3:30 PM MT (4:00-5:30 PM ET)</td>
<td>TGF-B2 IS ASSOCIATED WITH ASYMPTOMATIC/MILD SARS-CoV-2 INFECTION DURING PREGNANCY</td>
<td>Susan Pereira Ribeiro <em>(presenting)</em>, Rachel Pope, Muhammad Latif, Gabriela Pacheco Sanchez, Meredith Gardner, Ruth Farrell, Kelly Gibson, Sarah O’Connell, Suprabhath Gajiaja, Adrian McDermott, Robert Balderas, Michael Konstan, Mehul Suthar, Rafick-Pierre Sékaly</td>
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## P-B05: HIV REPLICATION IN VIVO (POSTER)

**Tuesday 2/15**

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<thead>
<tr>
<th>Session</th>
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</thead>
<tbody>
<tr>
<td>#215</td>
<td>2:00-3:30 PM MT (4:00-5:30 PM ET)</td>
<td>HIV DNA AND ACTIVATION DIFFER FOR LONG-LIVED CD4 CELLS IN LYMPH NODES AND PBMC ON ART</td>
<td>Christina Mallarino-Haeger <em>(presenting)</em>, Maria Pino, Elise Viox, Amélie Pagliuzza, Sol del Mar Aldrete, Keith Delman, Michael Lowe, Nicolas Chomont, Vincent Marconi, Mirko Paiardini</td>
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</table>

## P-D03: HIV IMMUNOLOGY: T CELLS (POSTER)

**Tuesday 2/15**

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<tr>
<th>Session</th>
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<tbody>
<tr>
<td>#264</td>
<td>2:00-3:30 PM MT (4:00-5:30 PM ET)</td>
<td>TFH-SPECIFIC FEATURES ASSOCIATED WITH NEUTRALIZATION IN CHRONIC HIV-1 INFECTION</td>
<td>Eirini Moysi <em>(presenting)</em>, Ashish Sharma, Sijy O’Dell, Clarisa Buckner, Perla Mariana Del Rio Estrada, Gustavo Reyes-Teran, Alexander Chassidakos, Margaret Beddall, Nicole Doria-Rose, Susan Moir, Rafick-Pierre Sékaly, John Mascola, Richard Koup, Constantinos Petrovas</td>
</tr>
<tr>
<td>#270</td>
<td>2:00-3:30 PM MT (4:00-5:30 PM ET)</td>
<td>COCAINE &amp; PERIPHERAL SEROTONIN DRIVE IMPAIRED T-CELL FUNCTION AND HIV PERSISTENCE</td>
<td>Ashish Sharma <em>(presenting)</em>, Mehul Sharma, Maggie Fu, Xuan Xu, Daniela Schlatzer, Rebeka Bordi, Susan Pereira Ribeiro, Jourmana Zeidan, Mark Chance, Marianna Baum, Rafick-Pierre Sékaly</td>
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## P-H02: NEW ANTIVIRALS FOR SARS-CoV-2: ACTIVITY IN VITRO AND IN VIVO (POSTER)

**Tuesday 2/15**

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<thead>
<tr>
<th>Session</th>
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<tbody>
<tr>
<td>#476</td>
<td>2:00-3:30 PM MT (4:00-5:30 PM ET)</td>
<td>A NOVEL CLASS OF ANTIVIRAL COMPOUNDS WITH POTENT ACTIVITY AGAINST SARS-CoV-2</td>
<td>David Gordon <em>(presenting)</em>, Eugene Stavtsev, Anatolii Demchenko</td>
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## P-K02: CERVICAL CANCER AND ANAL CANCER: PREVALENCE AND SCREENING (POSTER)

**Tuesday 2/15**

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<tr>
<th>Session</th>
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<tbody>
<tr>
<td>#562</td>
<td>2:00-3:30 PM MT (4:00-5:30 PM ET)</td>
<td>FACTORS ASSOCIATED WITH ANAL DYSPLASIA AMONG YOUNG MSM AND TRANSGENDER WOMEN WITH HIV IN ATLANTA</td>
<td>Leah Loerinc <em>(presenting)</em>, Amy Scheel, Amelia Thompson, Kristin Wall, Scott Gillespie, Molly McCullum, Lisa Flowers, Andres Camacho-Gonzalez</td>
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</table>

## P-L02: HYPERTENSION, HEART FAILURE, AND OTHER CARDIOVASCULAR DISEASE OUTCOMES (POSTER)

**Tuesday 2/15**

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<tr>
<th>Session</th>
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<tbody>
<tr>
<td>#590</td>
<td>2:00-3:30 PM MT (4:00-5:30 PM ET)</td>
<td>IMPACT OF RHEUMATOLOGIC THERAPIES ON CARDIOVASCULAR OUTCOMES IN PEOPLE WITH HIV</td>
<td>Boghuma Titanji <em>(presenting)</em>, Shumpei Nagatomi, Julia Gallini, Xiangqin Cuii, Vincent Marconi</td>
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*BOLD = Emory CFAR Investigator*
### P-V02: PrEP in Adolescents and Pregnant People (Poster)

**Tuesday 2/15 2:00-3:30 PM MT (4:00-5:30 PM ET)**  
**#847**  
**Brady Bennett (presenting), Sanjana Pampati, Marisol Valenzuela-Lara, Patrick Sullivan, Jodie Guest**

### P-X03: The Plot Thickens: Sexual and Reproductive Health Issues in People with HIV (Poster)

**Tuesday 2/15 2:00-3:30 PM MT (4:00-5:30 PM ET)**  
**#882**  
**HIV, ASYMPTOMATIC STI, AND THE RECTAL MUCOSAL IMMUNE ENVIRONMENT AMONG YOUNG MSM**  
**Vanessa Van Doren (presenting), S A. Smith, Yi-Juan Hu, Gregory Tharp, Steven Bosinger, Cassie Ackerley, Phillip Murray, Rama Amara, Praveen Amancha, Robert Arthur, Henry Johnston, Colleen Kelley**

### P-Y04: Substance Use (Poster)

**Tuesday 2/15 2:00-3:30 PM MT (4:00-5:30 PM ET)**  
**#914**  
**SUBSTANCE USE TREATMENT UTILIZATION AMONG WOMEN WITH AND AT RISK FOR HIV IN THE SOUTH**  
**Aditi Ramakrishnan (presenting), Wendy Fujita, C. Christina Mehta, Tracey Wilson, Steve Shoptaw, Adam Carrico, Adaora Adimora, Ellen Eaton, Mardge Cohen, Jennifer Cohen, Adebola Adedimeji, Michael Plankey, Deborah Jones Weiss, Aruna Chandran, Anandi Sheth**

**BOLD = Emory CFAR Investigator**
O-10: IMMUNE RESPONSES TO HIV AND SARS-CoV-2 IN TREATMENT, PREVENTION, AND PATHOGENESIS (ORAL)

Wednesday 2/16
9:50-11:00 AM MT (11:50 AM-1:00 PM ET)

#118 INFLAMMASOMES AND IL-1β: AN INNATE IMMUNE AXIS IN CD4+ T CELLS DRIVING HIV INFECTION
Jeffrey Tomalka (presenting), Khader Ghneim, Margaret Costanzo, Susan Pereira Ribeiro, Nelson Michael, Merlin Robb, Michael Eller, Rafick-Pierre Sékaly

#123 CD8+ LYMPHOCYTES MODULATE STEMNESS AND SURVIVAL PATHWAYS IN HIV-INFECTED CD4+ T CELLS
Lavinia Franchitti (presenting), Ashish Sharma, Jack Yoon, Erick White, Hong Wang, Maura Statzu, Abigail Willems, Rafick-Pierre Sékaly, Mirko Paiardini, Guido Silvestri, Deanna Kulpa

O-13: SHIFTING PARADIGMS IN HIV TESTING (ORAL)

Wednesday 2/16
10:45 AM MT (12:45 PM ET)

#145 HIGH HIV-SELF TESTING OF MALE PARTNERS OF WOMEN LIVING WITH HIV IN RURAL SOUTH AFRICA
Dvora Joseph Davey (presenting), Kristin Wall, Nireshni Naidoo, Dhirisha Naidoo, Gugu Xaba, Claire Serrao, Silinganiso Chatikobo, Todd Malone, Kathryn Dovel

P-B07: HIV INFECTION AND INFLAMMATION (POSTER)

Wednesday 2/16
2:00-3:30 PM MT (4:00-5:30 PM ET)

#232 RECTAL TISSUE HIV RNA IS ASSOCIATED WITH SYSTEMIC INFLAMMATION IN PERSONS WITH HIV
Cecile Lahiri (presenting), Kehmia Titanji, Monica Reece, Ruby Taylor, Renata Shaw, Shelby Collins, C. Christina Mehta, Jessica Ingersoll, Igho Ofotokun, Susan Pereira Ribeiro, Rafick-Pierre Sékaly, Christina Gavegnano

P-E05: IMMUNE PRESSURES ON THE HIV RESERVOIR (POSTER)

Wednesday 2/16
2:00-3:30 PM MT (4:00-5:30 PM ET)

#371 THE LATENT SIV RESERVOIR IS ESTABLISHED INDEPENDENT OF CYTOTOXIC T LYMPHOCYTE CONTROL
Maura Statzu (presenting), Andrew Wong, Julia McBrien, Jin Wang, Miles Davenport, Brandon Keele, Thomas Vanderford, Ann Chahrouri, Mirko Paiardini, Guido Silvestri, Deanna Kulpa

P-H03: ANTIRETROVIRAL THERAPY IN EXPERIENCED PATIENTS: SUSTAIN OR REGAIN SUPPRESSION (POSTER)

Wednesday 2/16
2:00-3:30 PM MT (4:00-5:30 PM ET)

#487 48-WEEK OUTCOMES AFTER PROGRAMMATIC TRANSITION TO DOLUTEGRAVIR IN UGANDA
Suzanne McCluskey (presenting), Winnie Muyindike, Victoria Nanfuka, Daniel Omoding, Nimusimsima Komukama, Ian Barigye, Lydia Kansiime, Justus Tumusime, Ashley Stuckwisch, Bethany Hud-Gauthier, Vincent Marconi, Mahomed-Yunos Moosa, Deenan Pillay, Ravindra Gupta, Mark Siedner

P-I03: NEW TECHNOLOGIES TO DETECT HIV DRUG RESISTANCE (POSTER)

Wednesday 2/16
2:00-3:30 PM MT (4:00-5:30 PM ET)

#515 POINT-OF-CARE URINE TENOFOVIR TESTING TO DETECT HIV DRUG RESISTANCE
Suzanne McCluskey (presenting), Katya Govender, John Adamson, Monica Gandhi, Matthew Spinnelli, Mahomed-Yunos Moosa, Henry Sunpath, Pravikrishnen Moodley, Melendhran Pillay, Selvan Pillay, Winnie Muyindike, Godfrey Masette, Bethany Hed-Gauthier, Vincent Marconi, Mark Siedner

P-O01: NOVEL MYCOBACTERIAL DIAGNOSTICS AND BIOMARKERS (POSTER)

Wednesday 2/16
2:00-3:30 PM MT (4:00-5:30 PM ET)

#646 MYCOBACTERIA-SPECIFIC CD4 T CELLS IN CHILDREN LIVING WITH HIV BEFORE AND AFTER ART

BOLD = Emory CFAR Investigator
## Emory CFAR at CROI 2022: Wednesday

### P-R02: Factors Associated with Survival in People with HIV (Poster)

<table>
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<th>#762</th>
<th>Survival among HIV-positive Veterans Before and After the VA Opt-Out Testing Policy</th>
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<tr>
<td><strong>Wednesday 2/16 2:00-3:30 PM MT (4:00-5:30 PM ET)</strong></td>
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<tr>
<td>Kartavya Vyas (presenting), Vincent Marconi, Jodie Guest</td>
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<thead>
<tr>
<th>#763</th>
<th>Mortality Rates with or Without INSTI Therapy in Subgroups of PWH, 2009-2018</th>
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<tbody>
<tr>
<td>Keri Althoff (presenting), Elizabeth Humes, Parastu Kasaei, Cameron Stewart, Emily Hyle, Peter Rebeiro, Katherine Kooij, Maile Karris, <strong>Vincent Marconi</strong>, Ank Nijhawan, Marina Klein, M. John Gill, Joseph Eron, Richard Moore for the North American AIDS Cohort Collaboration on Research and Design of IeDEA</td>
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</table>

### P-R03: HIV Care Outcomes (Poster)

<table>
<thead>
<tr>
<th>#772</th>
<th>The Impact of Churn on HIV Outcomes in a Southern United States Clinical Cohort</th>
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<tr>
<td><strong>Wednesday 2/16 2:00-3:30 PM MT (4:00-5:30 PM ET)</strong></td>
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<tr>
<td>Srinivasa Nithin Gopalsamy (presenting), Vincent Marconi, Wendy Armstrong, Jonathan Colasanti</td>
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</table>

### P-X02: The Tangled Web: Sexual and Reproductive Health and HIV Risk (Poster)

<table>
<thead>
<tr>
<th>#880</th>
<th>Increased HIV Target Cells in FGT During Follicular Phase of HIV Seronegative Women</th>
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<tbody>
<tr>
<td><strong>Wednesday 2/16 2:00-3:30 PM MT (4:00-5:30 PM ET)</strong></td>
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<tr>
<td>Sakthivel Govindaraj (presenting), Tyree Staple, Gina Bailey Herring, Marisa Young, C. Christina Mehta, Alicia Smith, Lisa Haddad, Vijayakumar Velu</td>
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### P-Y01 Viral Load Measurement and Suppression (Poster)

<table>
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<th>#887</th>
<th>Improving Time to Viral Suppression: 5 Years Post-Implementation of Rapid ART Start</th>
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<tr>
<td><strong>Wednesday 2/16 2:00-3:30 PM MT (4:00-5:30 PM ET)</strong></td>
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<tr>
<td>Stephen Gurley (presenting), Jonathan Huang, Sean Evans, Alexander Commanday, Melanie Strahm, Laura Carter-Williams, Katrina Barnes, Lisa Roland, Wendy Armstrong, Minh Ly Nguyen, Jonathan Colasanti</td>
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**BOLD = Emory CFAR Investigator**
<table>
<thead>
<tr>
<th>Date</th>
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<th>Session</th>
<th>Title</th>
<th>Presenter</th>
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</thead>
<tbody>
<tr>
<td>Wednesday 2/23</td>
<td>9:10 AM MT</td>
<td>#109</td>
<td>NOVEL IMMUNOTHERAPY-BASED CURE INTERVENTIONS</td>
<td>Mirko Paiardini</td>
</tr>
</tbody>
</table>

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