



CENTER FOR
CHILDHOOD
INFECTIONS AND
VACCINES

4TH ANNUAL SYMPOSIUM

Wednesday, October 16, 2019

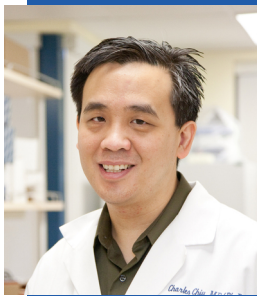
1:00 - 6:00 p.m.

(Reception and Poster Presentations 5:15 - 6:00 p.m.)

Rollins School of Public Health - CNR 8030 (Klamon Room)



Program Agenda



1:00 p.m. - Keynote

Charles Y. Chiu, MD, PhD
University of California,
San Francisco

*Metagenomic and Host
Response Sequencing for
Diagnosis of Infections:
Changing the Paradigm*

3:15 p.m. - Short Talks by CCIV Members

*Transition to Adult Care: Another Step in the
Continuum for Adolescents Living with
Perinatally Acquired HIV*

Brian Zanoni, MD, MPH

*Time-Resolved Imaging of Single HIV-1
Uncoating and Nuclear Import In Living Cells*

Ashwanth Francis, MD

*Inhibiting the Proliferation of the Long-Lived
Memory CD4+ T-Cells to Disrupt HIV
Reservoir*

Maud Mavigner, PhD

4:15 p.m. - Keynote

Sallie R. Permar, MD, PhD
Duke University Medical
Center

*Directing Maternal Antibody
Trafficking for Prevention of
Vertical HIV Transmission*



2:00 p.m. - Short Talks by CCIV Members

*Influenza Surveillance – What the Data
Teaches Us*

Evan Anderson, MD

*Engineering of Reovirus to Enhance Its
Oncolytic Potential*

Bernardo Mainou, MD

*Next-Generation Sequencing as a Diagnostic
Modality for Unexplained Encephalitis in
Children*

Christina Rostad, MD

3:00 p.m. - Break

5:15 p.m. - Reception & Poster Session

Sponsored by the Pediatric Research Alliance



EMORY



Poster Presenters

Reception and Poster Presentations 5:15 - 6:00 p.m.

Rollins School of Public Health - Bridge

1. *Doxorubicin Conjugation to Reovirus Enhances Tumor Cell-Directed Oncolysis*

Berry, Jameson T. L.; Mainou, Bernardo, A.

2. *Cell Death Induction In Triple-Negative Breast Cancer Cells by Engineered Reovirus*

Rodriguez Stewart, Roxana M.; Berger, Angela K.; Guberman, Jaime; Mainou, Bernardo A.

3. *Seasonal Influenza Vaccine Timing in Children and Adults Hospitalized with Influenza in the United States, FluSurv-NET, 2013-2017*

Haston, Julia C.; Garg, Shikha; Campbell, Angela P.; Ferdinands, Jill M.; O'Halloran, Alissa; Cummings, Charisse N.; Kirley, Pam D.; Stephens, Samantha; Yousey-Hindes, Kimberly; Openo, Kyle; Fawcett, Emily; Farley, Monica; Monroe, Maya; Kim, Sue; McMahon, Melissa; Irizarry, Lourdes; Dufort, Elizabeth; Bennett, Nancy; Billing, Laurie; Thomas, Ann; Talbot, Keipp; Spencer, Melanie; and Anderson, Evan J.

4. *Anatomic Localization Influences CD8+ T Cell Function During West Nile Virus Neuroinvasive Disease*

Vanderheiden, Abigail R.; Aguilar-Valenzuela, Renan; Suthar, Mehul

5. *Kinetics of Viral Rebound in SHIV-Infected Infant Macaques After Long-Term ART*

Obregon-Perko, Veronica; Bricker, Katherine; Uddin, Ferzan; Mensah, Gloria; Rotolo, Laura; Vanover, Daryll; Santangelo, Philip; Liang, Shan; Vanderford, Thomas; Bar, Katharine; Shaw, George; Silvestri, Guido; Fouda, Genevieve; Permar, Sallie; Chahroudi, Ann

6. *A Novel Influenza Specific Antibody-Dependent Cell-Mediated Cytotoxicity Assay*

Chen, Xuemin; Sun, He-ying; Lee, Chun Yi; Anderson, Evan J.; Ross, Ted M.; Abreu Rodrigo B.; Anderson, Larry J.

7. *West Nile Virus-Inclusive Single-Cell RNA Sequencing Reveals Heterogeneity in the Type I Interferon Response Within Single Cells*

O'Neal, Justin T.; Upadhyay, Amit A., Wolabaugh, Amber, Patel, Nirav B., Bosinger, Steven E., Suthar, Mehul S.



Resources

Check out the latest CCIV Newsletter
September 2019 - Late Summer Edition



Find out more about CCIV at

<http://www.pedsresearch.org/research/centers/cciv/overview/>