

August 2020

Distinct viral reservoirs in individuals with spontaneous control of HIV-1. Chenyang Jiang, Xiaodong Lian, Ce Gao, Xiaoming Sun, Kevin B Einkauf, Joshua M Chevalier, Samantha M Y Chen, Stephane Hua, Ben Rhee, Kaylee Chang, Jane E Blackmer, Matthew Osborn, Michael J Peluso, Rebecca Hoh, Ma Somsouk, Jeffrey Milush, Lynn N Bertagnolli, Sarah E Sweet, Joseph A Varriale, Peter D Burbelo, Tae-Wook Chun, Gregory M Laird, Erik Serrao, Alan N Engelman, Mary Carrington, Robert F Siliciano, Janet M Siliciano, Steven G Deeks, Bruce D Walker, Mathias Lichterfeld, Xu G Yu. 2020 Aug 26. doi: 10.1038/s41586-020-2651-8.

Presenter: Eun-Young Kim

Fingolimod inhibits multiple stages of the HIV-1 life cycle. Rachel S Resop, Rémi Fromentin, Daniel Newman, Hawley Rigsby, Larisa Dubrovsky, Michael Bukrinsky, Nicolas Chomont, Alberto Bosque. 2020 Aug 13;16(8):e1008679

Presenter: Yanique Thomas

Targeting Processive Transcription Elongation via SEC Disruption for MYC-Induced Cancer Therapy. Kaiwei Liang, Edwin R Smith, Yuki Aoi, Kristen L Stoltz, Hiroaki Katagi, Ashley R Woodfin, Emily J Rendleman, Stacy A Marshall, David C Murray, Lu Wang, Patrick A Ozark, Rama K Mishra, Rintaro Hashizume, Gary E Schiltz, Ali Shilatifard. 2018 Oct 18;175(3):766-779.e17.

Presenter: Judd Hultquist

Matrix Metalloproteinases Expressed in Response to Bacterial Vaginosis Disrupt the Endocervical Epithelium, Increasing Transmigration of HIV. Michelle D Cherne, Amy L Cole, Lisa Newberry, Mary Schmidt-Owens, Michael Deichen, Alexander M Cole. 2020 Mar 23;88(4):e00041-20.

Presenter: Katarina Kotnik Halavaty

Quantifying the contribution of Fc-mediated effector functions to the antiviral activity of anti-HIV-1 IgG1 antibodies in vivo. Pengfei Wang, Mili R. Gajjar, a Jian Yu, Neal N. Padte, Agegnehu Gettie, James L. Blanchard, Kasi Russell-Lodrigue, Laura E. Liao, Alan S. Perelson, Yaoxing Huang, and David D. Hoa. 2020 Jul 28; 117(30): 18002–18009.

Presenter: Patrick Madden.

July 2020

A minor population of macrophage-tropic HIV-1 variants is identified in recrudescing viremia following analytic treatment interruption. Viviane M Andrade, Carla Mavian, Dunja Babic, Thaissa Cordeiro, Mark Sharkey, Labelle Barrios, Christian Brander, Javier Martinez-Picado, Judith Dalmau, Anuska Llano, Jonathan Z Li, Jeffrey Jacobson, Christy L Lavine, Michael S Seaman, Marco Salemi, Mario Stevenson. 2020 May 5;117(18):9981-9990.

Presenter: Isabelle Clerc.

Number of HIV-1 founder variants is determined by the recency of the source partner infection. Ch Julián Villabona-Arenas, Matthew Hall, Katrina A Lythgoe, Stephen G Gaffney, Roland R Regoes 5, Stéphane Hué, Katherine E Atkins. 2020 Jul 3;369(6499):103-108.

Presenter: Ramon Lorenzo Redondo

June 2020

Cross-talk Between Microglia and Neurons Regulates HIV Latency. David Alvarez-Carbonell, Fengchun Ye, Nirmala Ramanath, Yoelvis Garcia-Mesa, Pamela E Knapp, Kurt F Hauser, Jonathan Karn. 2020 June 1; 2019 Dec 30;15(12):e1008249.

Presenter: Meegan Anderson

Nuclear Pore Blockade Reveals That HIV-1 Completes Reverse Transcription and Uncoating in the Nucleus. Adarsh Dharan, Niklas Bachmann, Sarah Talley, Virginia Zwickelmaier, Edward M Campbell. 2020 Jun 1. doi: 10.1038/s41564-020-0735-8.

Presenter: Michael McRaven

March 2020

Retroviruses Drive the Rapid Evolution of Mammalian APOBEC3 Genes. Jumpei Ito, Robert J Gifford, Kei Sato. 2020 Jan 7;117(1):610-618.

Presenter: Chisu Song

February 2020

Elite Control of HIV Is Associated With Distinct Functional and Transcriptional Signatures in Lymphoid Tissue CD8 + T Cells. Son Nguyen, Claire Deleage, Samuel Darko, Amy Ransier, Duc P Truong, Divyansh Agarwal, Alberto Sada Japp, Vincent H Wu, Leticia Kuri-Cervantes, Mohamed Abdel-Mohsen, Perla M Del Rio Estrada, Yuria Ablanedo-Terrazas, Emma Gostick, James A Hoxie, Nancy R Zhang, Ali Naji, Gustavo Reyes-Terán, Jacob D Estes, David A Price, Daniel C Douek, Steven G Deeks, Marcus Buggert, Michael R Betts. 2019 Dec 18;11(523):eaax4077.

Presenter: Gael Scholtes

January 2020

Quantitative Monitoring of the Cytoplasmic Release of NCp7 Proteins From Individual HIV-1 Viral Cores During the Early Steps of Infection. Sarwat Zgheib, Iryna Lysova, Eleonore Réal, Oleksii Dukhno, Romain Vauchelles, Manuel Pires, Halina Anton, Yves Mély. 2019 Jan 30;9(1):945.

Presenter: Tahmina Sultana