

January 9, 2023

TCR-mimic bispecific antibodies to target the HIV-1 reservoir. Srana Senguptaa, Nathan L. Boarda, Fengting Wua, Milica Moskovljevic, Jacqueline Douglassc, Josephine Zhanga, Bruce R. Reinholde, Jonathan Duke-Cohane, Jeanna Yua, Madison C. Reeda, Yasmine Tabdilia, Aitana Azurmendih, Emily J. Fraya , Hao Zhang, Emily Han-Chung Hsiuec, Katharine Jenikea, Ya-Chi Hoj, Sandra B. Gabellih , Kenneth W. Kinzlerc, Bert Vogelsteinc, Shibin Zhouc, Janet D. Silicianoa, Scheherazade Sadegh-Nasserib, Ellis L. Reinherze,f, and Robert F. Silicianoa, PNAS VOL. 119 15, 2022, <https://doi.org/10.1073/pnas.2123406119>

Presenter: Cristina Vaca

January 30, 2023

Pharmacologic hyperstabilisation of the HIV-1 capsid lattice induces capsid failure. K. M. Rifat Faysal, Nadine Renner, L. Márquez, Vaibhav B. Shah, Andrew J. Tuckwell, Michelle P. Christie, Michael W. Parker, Stuart G. Turville, Greg J. Towers, Leo James, David A. Jacques, Till Böcking, bioRxiv 2022.09.21.508807; <https://doi.org/10.1101/2022.09.21.508807>

Presenter: Muhammad Anwar Siddique

February 6, 2023

Increased IL-6 expression precedes reliable viral detection in the rhesus macaque brain during acute SIV infection. Raja Mohan Gopalakrishnan, Malika Ai, Noe B. Mercado, Caitlin Davis, Shaily Malik, Emma Geiger, Valerie Varner, Rhianna Jones, Steven E. Bosinger, Cesar Piedra-Mora, Amanda J. Martinot, Dan H. Barouch, R. Keith Reeves, and C. Sabrina Tan, JCI Insight. 2021;6(20):e152013. <https://doi.org/10.1172/jci.insight.152013>

Presenter: Muhammad Shoab Arif

February 27, 2023

HIV silencing and cell survival signatures in infected T cell reservoirs. Iain C. Clark, Prakriti Mudvari, Shravan Thaploo, Samuel Smith, Mohammad Abu-Laban, Mehdi Hamouda, Marc Theberge, Sakshi Shah, Sung Hee Ko, Liliana Pérez, Daniel G. Bunis, James S. Lee, Divya Kilam, Saami Zakaria, Sally Choi, Samuel Darko, Amy R. Henry, Michael A. Wheeler, Rebecca Hoh, Salwan Butrus, Steven G. Deeks, Francisco J. Quintana, Daniel C. Douek, Adam R. Abate & Eli A. Boritz, Nature volume 614, pages318–325 (2023) <https://doi.org/10.1038/s41586-022-05556-6>

Presenter: Katherine Jackson-Jones

March 13, 2023

A molecular switch modulates assembly and host factor binding of the HIV-1 capsid.

Randall T. Schirra, Nayara F. B. dos Santos, Kaneil K. Zadrozny, Iga Kucharska, Barbie K. Ganser-Pornillos & Owen Pornillos, Nat Struct Mol Biol (2023) <https://doi.org/10.1038/s41594-022-00913-5>

Presenter: Katherine Jackson-Jones