



MMI 291 Seminar Series

Current Theme: Interdisciplinary Research
Fall Quarter 2023 – CRN 41342

Friday Seminar – 12:10-1 p.m.

“Seeing is Believing: Multimodal Molecular Imaging Reveals Chronic Viral Persistence and Impaired Immune Responses in HIV and SARS-CoV-2 Infection”

Research Bio

Dr. Timothy Henrich's laboratory research group specializes in immunomodulatory, cytoreductive chemotherapeutic and stem cell transplantation approaches to HIV-1 cure. We are also involved in the design and implementation of novel nano/microtechnologies and PET-based imaging approaches to characterize viral reservoirs. We are now actively studying tSARS-CoV-2 persistence in tissues and the pathogenesis of Long COVID (PASC).

Publications

Denis R Beckford-Vera, Robert R Flavell, Youngho Seo, Enrique Martinez-Ortiz, Maya Aslam, Cassandra Thanh, Emily Fehrman, Marion Pardons, Shreya Kumar, Amelia N Deitchman, Vahid Ravanfar, Brailee Schulte, I-Wei Katherine Wu, Tony Pan, Jacqueline D Reeves, Christopher C Nixon, Nikita S Iyer, Leonel Torres, Sadie E Munter, Tony Hyunh, Christos J Petropoulos, Rebecca Hoh, Benjamin L Franc, Lucio Gama, Richard A Koup, John R Mascola, Nicolas Chomont, Steven G Deeks, Henry F VanBrocklin, **Timothy J Henrich** “First-in-human immunoPET imaging of HIV-1 infection using 89Zr-labeled VRC01 broadly neutralizing antibody”. March 2022 PubMed DOI:10.1038/s41467-022-28727-5

Zaki A Sherif, Christian R Gomez, Thomas J Connors, **Timothy J Henrich**, William Brian Reeves, “Pathogenic mechanisms of post-acute sequelae of SARS- CoV-2 infection (PASC)” *Elife* March 2023. DOI: 10.7554/eLife.86002

September
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Division of Experimental Medicine
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San Francisco

September 29, 2023
12:10 – 1 p.m.
GBSF
Hybrid Meeting

Medical Microbiology
and Immunology
School of Medicine

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We hope to see you there!