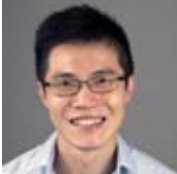




Genome Sciences Seminar

Wednesday, 3.1.23 | 3:30 | Foege Auditorium

remote viewing option: <https://depts.washington.edu/gstrestrc/remote.htm>



Dr. Sizun Jiang

Assistant Professor of Medicine, Harvard Medical School

<https://sizunjianglab.com/>

“Interrogating Host-Disease Interactions in situ”

The Jiang lab seeks to investigate host-disease interactions in their native tissue context by leveraging upon technologies developed in-house or otherwise (eg MIBI, CODEX, GeoMx), such as high-dimensional tissue imaging for nucleic acids and proteins. We seek to understand host immune responses against viruses (such as HIV, SIV, SARS-CoV-2, EBOV), cancers (eg lymphomas) and immune dysregulation (eg HIV, lymphomas, Chronic Rhinosinusitis). We partner with clinical collaborators in our quest towards a systems-level understanding of the immune-disease interface through 1) archival clinical samples, 2) small and large animal models and 3) organoid systems. By combining technology development with the questions above, we will decipher higher-order host-disease interactions to understand disease mechanisms with the long-term goal of improving therapeutics.

Questions? Contact Brian Giebel at bgiebel@uw.edu or visit the Seminar website at <http://www.gs.washington.edu/news/seminars.htm>

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