Stanford

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Bio

ACADEMIC APPOINTMENTS

- Instructor, Institute for Stem Cell Biology and Regenerative Medicine

Publications

PUBLICATIONS

- **Lineage tracing of both quiescent G0 and active Hoxb5+ LT-HSCs that actively contribute to homeostatic mouse hematopoiesis.** *Proceedings of the National Academy of Sciences of the United States of America*

  Xiang, J., Almeida, L., Pasillas, J., Sun, C. T., Wang, Y., Koren, E., Hanson, E. C., Brakebill, A., Wang, C., Burden, A. T., Weissman, I. L.

  2025; 122 (49): e2513724122

- **Elevated hematopoietic stem cell frequency in mouse alveolar bone marrow.** *Stem cell reports*

  Niizuma, K., Morikawa, S., Gars, E., Xiang, J., Matsubara-Takahashi, T., Saito, R., Takematsu, E., Wang, Y., Xu, H., Wakimoto, A., Tan, T. K., Kubota, Y., Chan, et al

  2024: 102374

- **Molecular hallmarks of heterochronic parabiosis at single-cell resolution.** *Nature*

  Palovics, R., Keller, A., Schaum, N., Tan, W., Fehlmann, T., Borja, M., Kern, F., Bonanno, L., Calcuttawala, K., Webber, J., McGeever, A., Tabula Muris Consortium, Luo, J., et al

  2022

- **A single-cell transcriptomic atlas characterizes ageing tissues in the mouse.** *Nature*

  2020

- **Ageing hallmarks exhibit organ-specific temporal signatures.** *Nature*

  Schaum, N. n., Lehallier, B. n., Hahn, O. n., Pálovics, R. n., Hosseinzadeh, S. n., Lee, S. E., Sit, R. n., Lee, D. P., Losada, P. M., Zardeneta, M. E., Fehlmann, T. n., Webber, J. T., McGeever, et al

  2020

- **Single-cell transcriptomics of 20 mouse organs creates a Tabula Muris.** *Nature*

  2018; 562 (7727): 367–72