



John Pluinage

- MD Student, expected graduation Spring 2021
- Ph.D. Student in Stem Cell Biology and Regenerative Medicine, admitted Autumn 2016
- MSTP Student

Bio

EDUCATION AND CERTIFICATIONS

- Doctor of Philosophy, Stanford University , STMRM-PHD (2020)
- Bachelor of Science, Stanford University , Bioengineering (2014)

Publications

PUBLICATIONS

- **Lipid-droplet-accumulating microglia represent a dysfunctional and proinflammatory state in the aging brain.** *Nature neuroscience*
Marschallinger, J., Iram, T., Zardeneta, M., Lee, S. E., Lehallier, B., Haney, M. S., Pluinage, J. V., Mathur, V., Hahn, O., Morgens, D. W., Kim, J., Tevini, J., Felder, et al
2020
- **Clonally expanded CD8 T cells patrol the cerebrospinal fluid in Alzheimer's disease.** *Nature*
Gate, D., Saligrama, N., Leventhal, O., Yang, A. C., Unger, M. S., Middeldorp, J., Chen, K., Lehallier, B., Channappa, D., De Los Santos, M. B., McBride, A., Pluinage, J., Elahi, et al
2020
- **Systemic factors as mediators of brain homeostasis, ageing and neurodegeneration.** *Nature reviews. Neuroscience*
Pluinage, J. V., Wyss-Coray, T. n.
2020
- **CD22 blockade restores homeostatic microglial phagocytosis in ageing brains** *NATURE*
Pluinage, J. V., Haney, M. S., Smith, B. H., Sun, J., Iram, T., Bonanno, L., Li, L., Lee, D. P., Morgens, D. W., Yang, A. C., Shuken, S. R., Gate, D., Scott, et al
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- **Single-cell analysis reveals T cell infiltration in old neurogenic niches.** *Nature*
Dulken, B. W., Buckley, M. T., Navarro Negredo, P. n., Saligrama, N. n., Cayrol, R. n., Leeman, D. S., George, B. M., Boutet, S. C., Hebestreit, K. n., Pluinage, J. V., Wyss-Coray, T. n., Weissman, I. L., Vogel, et al
2019
- **RUNX3 levels in human hematopoietic progenitors are regulated by aging and dictate erythroid-myeloid balance.** *Haematologica*
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2019
- **Microglial Barriers to Viral Gene Delivery.** *Neuron*
Pluinage, J. V., Wyss-Coray, T.
2017; 93 (3): 468-470
- **Prospective isolation of human erythroid lineage-committed progenitors** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*

Mori, Y., Chen, J. Y., Pluinage, J. V., Seita, J., Weissman, I. L.
2015; 112 (31): 9638-9643

- **Osteoclast derivation from mouse bone marrow.** *Journal of visualized experiments : JoVE*
Tevlin, R., McArdle, A., Chan, C. K., Pluinage, J., Walmsley, G. G., Wearda, T., Marecic, O., Hu, M. S., Paik, K. J., Senarath-Yapa, K., Atashroo, D. A., Zielins, E. R., Wan, et al
2014
- **Hematopoietic stem cell and progenitor cell mechanisms in myelodysplastic syndromes** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Pang, W. W., Pluinage, J. V., Price, E. A., Sridhar, K., Arber, D. A., Greenberg, P. L., Schrier, S. L., Park, C. Y., Weissman, I. L.
2013; 110 (8): 3011-3016
- **Reduced ribosomal protein gene dosage and p53 activation in low-risk myelodysplastic syndrome** *BLOOD*
McGowan, K. A., Pang, W. W., Bhardwaj, R., Perez, M. G., Pluinage, J. V., Glader, B. E., Malek, R., Mendrysa, S. M., Weissman, I. L., Park, C. Y., Barsh, G. S.
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