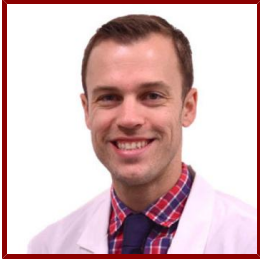



Stanford



David Gate

Instructor, Neurology & Neurological Sciences

 Curriculum Vitae available Online

Bio

ACADEMIC APPOINTMENTS

- Instructor, Neurology & Neurological Sciences

HONORS AND AWARDS

- Irene Diamond/AFAR Postdoctoral Transition Award, American Federation of Aging Research (2019)
- Junior Faculty Award, AD/PD 2019 Congress (2019)
- Ruth L. Kirchstein NRSA Postdoctoral Fellowship, NIH/NIA (2018-2021)
- Young Investigator Award, Alzheimer's Association Bay Area (2018)
- Postdoctoral Fellowship for Translational Research on Aging, Glenn/AFAR (2015)
- Harold M. Weintraub Graduate Student Award Nominee, University of Southern California (2014)
- Spring Scholar Award, University of Southern California (2014)
- Young Investigator Award, Alzheimer's Association Los Angeles (2014)
- Zach Hall Award, Zilkha Neurogenetic Institute, University of Southern California, Los Angeles, CA (2014)
- Ruth L. Kirchstein NRSA Pre-doctoral Fellowship, NIH/NINDS (2013-2015)
- Excellence in Research Award, Department of Neurosurgery, Cedars-Sinai Medical Center, Los Angeles, CA (2009)

Publications

PUBLICATIONS

- **Methods to investigate intrathecal adaptive immunity in neurodegeneration.** *Molecular neurodegeneration*
Oh, H., Leventhal, O., Channappa, D., Henderson, V. W., Wyss-Coray, T., Lehallier, B., Gate, D.
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- **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., Pluvinaige, J., Elahi, et al
2020
- **Undulating changes in human plasma proteome profiles across the lifespan.** *Nature medicine*
Lehallier, B., Gate, D., Schaum, N., Nanasi, T., Lee, S. E., Yousef, H., Moran Losada, P., Berdnik, D., Keller, A., Verghese, J., Sathyan, S., Franceschi, C., Milman, et al
2019; 25 (12): 1843–50
- **Physiological blood-brain transport is impaired with age by a shift in transcytosis.** *Nature*
Yang, A. C., Stevens, M. Y., Chen, M. B., Lee, D. P., Stahli, D., Gate, D., Contrepois, K., Chen, W., Iram, T., Zhang, L., Vest, R. T., Chaney, A., Lehallier, et al

2020

- **Clonally expanded CD8 T cells patrol Alzheimer's cerebrospinal fluid**

Gate, D., Saligrama, N., Leventhal, O., Davis, M. M., Wyss-Coray, T.

AMER ASSOC IMMUNOLOGISTS.2020

- **CD22 blockade restores homeostatic microglial phagocytosis in ageing brains** *NATURE*

Pluvinage, 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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- **CD22 blockade restores homeostatic microglial phagocytosis in ageing brains.** *Nature*

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2019

- **Multiple Click-Selective tRNA Synthetases Expand Mammalian Cell-Specific Proteomics** *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*

Yang, A. C., Du Bois, H., Olsson, N., Gate, D., Lehallier, B., Berdnik, D., Brewer, K. D., Bertozzi, C. R., Elias, J. E., Wyss-Coray, T.

2018; 140 (23): 7046–51