

CURRICULUM VITAE

Kai Zinn

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Education:

B.A. in Chemistry with specialization in Biochemistry, *summa cum laude*, from Revelle College, University of California, San Diego (1977).

Ph.D. in Biochemistry and Molecular Biology, from Harvard University (1984). Thesis advisor: Tom Maniatis

Research and Professional Experience:

Postdoctoral Fellow, Harvard University, 1984-1985, with Tom Maniatis

Postdoctoral Fellow, Stanford University and University of California, Berkeley, 1985-1989, with Corey S. Goodman

Assistant Professor, California Institute of Technology, 1989-1995.

Associate Professor, California Institute of Technology, 1995-1999

Professor, California Institute of Technology, 1999-present

Honors and Awards:

National Science Foundation Predoctoral Fellowship 1978-1981

Helen Hay Whitney Foundation Postdoctoral Fellowship 1985-1988

Alfred P. Sloan Research Fellowship in Neuroscience, 1990-1992

McKnight Scholars Award, 1990-1993

Pew Scholars Award, 1990-1994

March of Dimes Foundation Basil O'Connor Starter Scholars Award, 1990-1992

McKnight Investigator Award, 1994-1997

McKnight Brain Disorders Award, 2005-2007

McKnight Technology Award, 2020-2022

Publications:

Lee, H-K., Anaya, M., Ladinsky, M.S., Reitsma, J. M., and Zinn, K. (2023) An extracellular vesicle targeting ligand that binds to Arc proteins and facilitates Arc transport *in vivo*. *eLife*, <https://doi.org/10.7554/eLife.82874>

Ma, D., Herndon, N., Quynh Le, J., Abruzzi, K.C., Zinn, K., and Rosbash, M. (2023) Neural connectivity molecules best identify the heterogeneous clock and dopaminergic cell types in the *Drosophila* adult brain. *Science Advances* 9, eade8500.

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Bali, N., Lee, H-K., and Zinn, K. (2022) Sticks and Stones, a conserved cell surface ligand for the Type IIa RPTP Lar, regulates neural circuit wiring in *Drosophila*. *eLife* 11:e71469 DOI: [10.7554/eLife.71469](https://doi.org/10.7554/eLife.71469)

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Wojtowicz, W.M., Vielmetter, J., Fernandes, R.A. Siepe, D.H., Eastman, C.L., Chisholm, G.B., Cox, S., Klock, H., Anderson, P.W., Rue, S.M., Miller, J.J., Glaser, S.M., Bragstad, M.L., Vance, J., Lam, A.W., Lesley, S.A., Zinn, K., and Garcia, K.C. (2020) A Human IgSF Interactome Network Reveals a Complex Network of Protein-Protein Interactions. *Cell* 182, 1027-1043.

Bali, N., and Zinn, K. (2019) Visualization of binding patterns for five leucine-rich repeat proteins in the *Drosophila* embryo. microPublication Biology. [10.17912/micropub.biology.000199](https://doi.org/10.17912/micropub.biology.000199)

Menon, K.P., Kulkarni, V., Takemura, S-Y., Anaya, M., and Zinn, K. (2019) Interactions between Dpr11 and DIP- γ control selection of amacrine neurons in *Drosophila* color vision circuits. *eLife* 8:e48935. DOI: <https://doi.org/10.7554/eLife.48935>.

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Al-Anzi, B., and Zinn, K. (2018) Identification and characterization of mushroom body neurons that regulate fat storage in *Drosophila*. *Neural Development* 13, DOI: 10.1186/s13064-018-0116-7.

Li, H., Watson, A., Olechwiec, A., Anaya, M., Sorooshyari, S., Harnett, D., Lee, H-K., Vielmetter, J., Garcia, K.C., Özkan, E., Labrador, J-P, and Zinn, K. (2017) Deconstruction of the Beaten Path-Sidestep interaction network provides insights into neuromuscular system development. *eLife*, DOI: <https://doi.org/10.7554/eLife.28111>

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