

Postdoctoral Associate

We are seeking a Postdoctoral Research Associate in computational biology to join our group. The successful candidate will be part of a research collaboration to integrate experimental and computational approaches to study molecular mechanisms underlying the maintenance and reactivation of HIV latency. The successful candidate will develop novel statistical and computational methods to integrate single cell imaging data and measurements of chromatin modifications and intracellular signaling into a model of HIV transcriptional activation. A background in dynamical systems modeling and computational biology is essential. Familiarity with intracellular signaling and/or HIV infection is beneficial but not required.

Requirements:

- Ph.D. degree in computational biology, statistics, mathematics, or computer science. A strong quantitative background is required.
- Experience in ODE modeling and stochastic simulation.
- Proficiency in programming (C/C++, R, Python, Matlab).
- A publication record in systems or computational biology.

To apply, please email your CV, including contact details for three references to kathryn.miller-jensen@yale.edu