

Postdoctoral Opportunity: Computational Design of HIV Antagonists

Candidates are sought for a postdoctoral position in the Computational Core of an NIH-funded program on structure-based design of HIV entry inhibitors and antagonists. Candidates must have a PhD in structural biology, biochemistry, medicinal chemistry, or a related field, and experience with virtual screening, docking, scoring, and molecular dynamics simulations. Experience with high-performance scientific computing (XSEDE or similar) is preferred. The Core's activities are highly synergistic with program projects on synthetic chemistry, structural biology of HIV envelope proteins, biophysical chemistry, and virology. The initial appointment is for one year with performance-based renewals yearly thereafter, subject to availability of funds. The program is led by Prof. Irwin Chaiken of the Drexel University College of Medicine in Philadelphia, Pennsylvania, and includes project leaders from Columbia, UPenn, Johns Hopkins, Cornell, Harvard, and Yale. The Core is led by Prof. Cameron Abrams of Drexel University. Interested applicants should submit a CV to Prof. Abrams at cfa22@drexel.edu.