

Description: Postdoctoral research positions are available in the Hostetler-Schooley Laboratory in the Department of Medicine at UC San Diego. We are a multidisciplinary group using lipid chemistry to synthesize, test and optimize novel orally bioavailable, broad spectrum antiviral agents led by James Beadle. Antiviral activity against a range of pathogenic Coronaviridae, Filoviridae, Paramyxoviridae, Flaviviridae and Pneumoviridae is evaluated by Aaron Carlin's group. We collaborate with other academic groups and utilize contract research organizations for pharmacokinetic and toxicology studies. Our work is funded by the National Institute of Allergy and Infectious Diseases through 2030.

Qualifications:

- A Ph.D. in synthetic organic chemistry
- Strong synthetic and process chemistry skills including ability to characterize complex organic molecules.
- Experience with nucleosides and/or lipid chemistry.
- Strong oral and written communication skills
- Demonstrated ability to work collaboratively

Research Environment: The Hostetler-Schooley Lab is part of the Department of Medicine within the large and highly collaborative School of Medicine at the University of California San Diego. We work closely with the Aaron Carlin Laboratory in the Department of Pathology. Successful applicants will join a dynamic research environment that includes frequent interactions with other labs conducting basic and translational research in virology. Selected publications include: Schooley, et. al. Antimicrob Agents Chemother 2021; Carlin, et. al. J Antiviral Ther 2023; McMillan, et. al., Antiviral Res 2023 and Carlin. et. al., Antimicrobial Agents Chemother 2024.

How to Apply:

Please send your application to rschooley@ucsd.edu

Email applications should include:

- Cover letter summarizing previous research experience and a brief description of potential project interests and career goals
- Detailed CV with complete publication list