

Neurobiology - Weitz Lab

Postdoctoral position in cryo-EM structural biology at Harvard Medical School

We are seeking an outstanding, highly-motivated postdoctoral fellow to join our team in the cryo-EM structural analysis of the endogenous protein machines comprising the mammalian circadian clock, a molecular oscillator present in all or nearly all cells that drives daily rhythms of gene expression, physiology, and behavior.

Applicants should have a Ph.D. degree and expertise in biochemistry and structural biology, including experience in cryo-EM structure determination. Our initial studies (e.g., Aryal et al., *Mol. Cell*, 2017) provided the first basic structural view of native circadian clock machinery from a eukaryote. We have made progress in single-particle cryo-EM analysis of native circadian clock complexes purified from mouse tissues, and we aim to obtain high-resolution structures. A successful outcome would have a revolutionary impact on our understanding of biological timekeeping and help create a new field of research in circadian biology.

Interested candidates should contact Chuck Weitz at cweitz@hms.harvard.edu. Please include a cover letter, Curriculum Vitae, and a brief statement of research expertise and interests