



Aina E. Cohen

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Bio

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My personal research is focused on the development of new techniques, specialized instrumentation, and new algorithms that advance macromolecular X-ray crystallography methods at synchrotron and X-ray free electron laser (XFEL) sources to elucidate the relationships of protein structure to biological function. This includes higher throughput methods for biomolecule structure determination, compound screening, and structure-based drug design.

Further, I am developing new instrumentation and supporting automation to study protein dynamics using crystallography and cryoEM.

Complete List of Published Work in MyBibliography: <http://www.ncbi.nlm.nih.gov/sites/myncbi/aina.cohen.1/bibliography/46890833/public/?sort=date&direction=ascending>.