



Ruben Diaz-Avalos

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Ruben got his degree in Physics at Brandeis under the direction of Don Caspar, working on electron microscopy and image processing. He then moved on to carry out structural studies of actomyosin using electron diffraction of helical particles, which led him to the study of amyloid aggregates from prion fibrils and microcrystals of amyloid forming peptides. During the past 7 years, he held positions at the New York Structural Biology Center and at the University of California, in Davis, in which he participated in diverse projects involving various techniques of electron microscopy. In March of this year he joined the Grigorieff lab at Janelia Farm, where his main focus is the structure of prions and amyloids, as well as the development of methods to preserve specimens for structural studies.



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