



Postdoctoral position in Cryo-EM at the University of Colorado Denver

A postdoctoral position in cryo-electron microscopy (cryo-EM) is available in the Asturias laboratory at the University of Colorado Anschutz Medical School (Denver CO). The Asturias group has considerable expertise in cryo-EM studies of transcription and chromatin regulation, and has made important contribution in these and other areas (e.g., Tsai, et al. 2014 *Cell* 157:1430; Tsai, et al. 2017 *Nature* 544:196; Brignole, et al. 2018 *eLife*, pii: e31502. doi: 10.7554/eLife.31502). The Anschutz Medical School is home to a large number of outstanding research groups and offers an extraordinary level of collegiality and an superb training environment. Several new projects of direct human health relevance offer great opportunities for postdoctoral researchers interested in learning and applying cutting-edge cryo-EM.

The Anschutz Medical School has a state-of-the-art cryo-EM facility equipped with a 200kV Arctica X-FEG electron microscope outfitted with an Autoloader, a Gatan K3 direct electron detector and a Volta Phase Plate. A new Talos L120C screening microscope and all ancillary equipment required for the most current cryo-EM work are also available. The facility, administered by a full-time manager, is set up for automated data collection and on-the-fly image pre-processing, and counts with professionally-supported computational resources. The University of Colorado Boulder campus (30 miles from Denver) offers access to a 300kV Titan microscope equipped with a Gatan K2 direct electron detector. Denver is consistently ranked as one of the most desirable places to live in the US, providing a fantastic environment and extraordinary opportunities for cultural and outdoor activities.

Candidates with a background in cryo-EM, X-ray crystallography, transcription or chromatin regulation are especially encouraged to apply, but motivated and well-qualified candidates with other experience will be considered. The successful candidate will be compensated according to current NIH guidelines and will be supported by grant and departmental funds for a period of at least 2 years.

If interested, please email your CV and contact information for three references to:

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