



The Chow Lab in the Department of Human Genetics at the University of Utah in Salt Lake City is recruiting a postdoctoral research associate to join our *NGLY1* deficiency research program. *NGLY1* deficiency is rare metabolic disease of deglycosylation, affecting ER associated degradation. We have a number of projects in the lab aimed at understanding the pathogenesis underlying this devastating disease and how variation affects its outcome among patients. Some of the projects include:

- 1) Environmental and dietary factors that alter severity of *NGLY1* deficiency
- 2) Genetic modifiers of *NGLY1* deficiency
- 3) Transcriptome differences between patients.

Our studies span *Drosophila* models and patient cell culture analysis. We are also in the process of extending our studies to mouse models as well. Please see some recent coverage on our work: <https://tinyurl.com/y7bz39ey> and <https://tinyurl.com/yacjli86>.

This is a great opportunity for a motivated individual to lead and drive several of these projects. There will also be opportunities to develop independent projects aligning with the broad goals of the Chow Lab. The successful candidate will join a rapidly expanding group and vibrant department in the School of Medicine, with numerous opportunities to collaborate with rare disease foundations and patients, clinicians, and other basic science labs.

Required Qualifications:

- 1) Ph.D. in genetics, cell biology, genomics, or related field
- 2) Strong background in genetics

Desired Qualifications (one or more):

- 1) Experience with mouse or *Drosophila*
- 2) Experience with CRISPR/Cas9 and cell culture
- 3) Experience with RNAseq analysis
- 4) Knowledge of programming (e.g., R)

Application Materials:

- 1) Cover Letter detailing previous research and interest in our lab (1 pg max)
- 2) Curriculum Vitae
- 3) Names and contact information of three academic references

To apply, please send a single PDF that contains a cover letter, detailed CV, and names of 3 references to cchow@genetics.utah.edu. This position is immediately available, but applications will continue to be accepted and considered until the job is filled/closed.

For more information see: www.ChowLab.org.

