

Job Advertisement
University of Colorado Denver | Anschutz Medical Campus

SCHOOL/DEPARTMENT: **School of Medicine/Pediatrics**

HIRING UNIT: **Section of Allergy and Immunology**

POSITION TITLE: **POSTDOCTORAL FELLOW/TRAINEE**

POSITION CLASSIFICATION: **RESEARCH FACULTY**

POSITION JOB CODE: **1438**

HRMS POSITION NUMBER: **00684874**

Overall Description of Responsibility or Nature of Work

This full time position reports directly to the Jordan Abbott, MD, MA, in the Department of Pediatrics, Section of Allergy and Immunology and is responsible for designing and conducting experiments, data analysis and preparation of manuscripts, posters and talks for research conducted in a laboratory studying human immunodeficiency and dysregulation disorders.

Areas of Responsibility / Scope of Research

The Abbott lab studies human immune disorders. Research will be conducted in both in vitro and in vivo systems to examine the impact of inherited mutations on immune function. The ultimate goal of this research is to define molecular pathways of immune disease to allow for the development of targeted therapies.

Minimum Qualifications:

- Graduation from an accredited college or university with a PhD in the biological sciences or biochemistry.
- Mastery of the following techniques:
 - o immunoblot analysis
 - o PCR
 - o qPCR
 - o molecular cloning/mutagenesis
 - o flow cytometry.

Preferred Qualifications:

- Prior experience with the following lab endeavors:
 - o cell culture
 - o mouse colony management
 - o immunofluorescence and immunohistochemical microscopy
 - o ELISA and ELISpot
 - o immunoprecipitation including CHIP and co-immunoprecipitation
 - o Next generation sequence data analysis such as RNA-seq, CHIP-seq, ATAC-seq

Competencies – Knowledge, Skills, Abilities

- Working knowledge of at least one of the programs used in statistical analysis (such as R, Graphpad prism, JMP, etc...), flow cytometry analysis (Flowjo, Spectroflo, etc...), DNA analysis (Snapgene, Vector NTI, etc...), and image analysis (ImageLab, imageJ, Slidebook etc...).

- Demonstrated ability to independently design experiments, analyze data and write papers.
- Proven ability to work independently within a research lab

Special conditions of employment:

- Must successfully pass a 10-panel drug test through Children's Hospital Colorado
- Must be willing and able to pass a national criminal and sex-offender background check

Salary & Benefits: The hiring range for this position has been established at \$53,760 - \$60,780. Salary is commensurate with skills and experience.

The above salary range represents the University's good faith and reasonable estimate of the rate at the time of posting.

The University of Colorado offers a benefits package. Information on University benefits programs, including eligibility, is located at [Employee Services](#). The University of Colorado offers postdocs most employee benefits. Information on University benefits programs, including eligibility, is located at www.cusys.edu/pbs. Postdoc-specific benefits are found here: http://www.ucdenver.edu/faculty_staff/research/postdoctoral/Pages/default.aspx,

Application:

- Please apply online at Post Doc Jobs through the CU Graduate School.
- Please attached required application materials:
 - 1) Cover letter/Letter of Application
 - 2) Resume/Curriculum Vitae

Special Notices to Applicants:

The University of Colorado Denver | Anschutz Medical campus is committed to providing a safe and productive learning and living community. To achieve that goal, we conduct background investigations for all final applicants being considered for employment. Background investigations include a criminal history record check, and when appropriate, a financial and/or motor vehicle history.

The Immigration Reform and Control Act requires that verification of employment eligibility be documented for all new employees by the end of the third day of work. The University of Colorado strongly supports the principle of diversity. We encourage applications from women, ethnic minorities, persons with disabilities and all veterans. Alternative formats of this ad are available upon request for persons with disabilities.

Please be advised that the University does check references as part of the employment process, and selection committee members may choose to contact work references during the search process other than those listed in your application.

The University of Colorado is committed to diversity and equality in education and employment.