Overall Description of Responsibility or Nature of Work
This position reports directly to the Judith Blaine, MD, PhD, in the Division of Renal Diseases and Hypertension, and is responsible for conducting experiments, data analysis and preparation of manuscripts, posters and talks for research conducted in a laboratory studying podocyte cell biology and glomerular disease.

Areas of Responsibility / Scope of Research
The Blaine lab studies podocyte cell biology, trafficking pathways and interactions between podocytes and the immune system. Research will be conducted in both in vitro and in vivo systems to examine podocyte response to and trafficking of serum proteins such as albumin and IgG as well as immune complexes. The ultimate goal of this research is to define molecular pathways involved in the podocyte response to and handling of serum proteins and immune complexes to allow for the creation of targeted therapies to treat immune mediated kidney diseases and prevent podocyte structural derangements, cell death and progression of glomerular disease.

Qualifications:
Minimum Requirements:
- Graduation from an accredited college or university with a PhD

Desired or preferred
- Proven experience and familiarity with cell culture, Western blot analysis, qPCR, flow cytometry, immunofluorescence and IHC techniques as well as working with in vivo mouse models. Additional experience in advanced imaging methods will be considered favorably as will experience with RNA-seq including data analysis.
- Proven ability to work independently within a research lab
- Demonstrated ability/proficiency/excellence with large data set analysis such as experience with RNA-seq data analysis.
- Proven ability to independently design experiments and analyze data.

Salary & Benefits: Salary is commensurate with skills and experience. The University of Colorado offers postdocs most employee benefits. Information on University benefits programs, including eligibility, is located at [www.cu.edu/employee-services/benefits-wellness](http://www.cu.edu/employee-services/benefits-wellness). Postdoc-specific benefits are found here: [http://www.ucdenver.edu/faculty_staff/research/postdoctoral/Pages/default.aspx](http://www.ucdenver.edu/faculty_staff/research/postdoctoral/Pages/default.aspx),

Application:
- Required application materials:
1) Cover letter
2) Resume/Vitae
3) At least 3 references

**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.**