

Postdoctoral fellowship opportunity in Dr. Minghua Tang's research team at University of Colorado Anschutz Medical Campus

Keywords: Nutrition, Gut Microbiota, Clinical Research, Obesity Prevention, Pediatrics

The overarching goal of our research: We are interested in the early dietary impact on infant development, including growth, gut microbiota, immunity, sleep behaviours and neurodevelopment. Our group discovered that sources of protein-rich foods differentially impact infant growth trajectories and the risk of overweight. We are currently conducting several infant feeding studies to investigate the dietary impact such as protein-rich foods and certain fruits on the risk of overweight, gut microbiota, immunity and sleep. We are also interested in bioactive compounds in whole foods and their impact on gut microbiota and inflammation in adults. We receive funding from the NIH, USDA and non-profit foundations.

Expectations: This postdoctoral fellow will work primarily on an NIH-funded clinical trial investigating early dietary intakes on infant growth, risk of overweight and gut microbiota development. Responsibilities include coordinating the clinical trial, working with and supervising research assistants, conducting study visits, collecting and analyzing data, and writing pilot and training grants and manuscripts. The postdoctoral fellow is also expected to attend and present at Nutrition Seminars, journal clubs, career development training sessions and national conferences. The trainee is strongly encouraged to apply for the Nutrition T32 fellowship and/or the NIH F32 fellowship in year 2 or 3.

Qualifications:

- Ph.D. in Nutrition or related field
- Experience in coordinating human clinical studies
- Experience in collecting and analyzing gut microbiota data (preferred)
- Experience in conducting pediatric research (preferred)
- General data analysis experience (preferred)

Environment: University of Colorado Anschutz Medical Campus locates in the metro Denver area. It has an exceptional educational and training environment with a rare combination of expertise. The Anschutz Medical Campus consists of 7 major organizational units: The Schools of Medicine, Dentistry, Public Health and Pharmacy, the College of Nursing, the University of Colorado Hospital and Children's Hospital of Colorado. The Colorado Clinical and Translational Sciences Institute at the Anschutz Medical Campus offers excellent translational research, pilot grants and training opportunities. The Department of Pediatrics ranks #5 nationwide. Postdoctoral trainees in the Section of Nutrition can apply for the Nutrition T32 fellowship and have various research, training, career development and grant writing opportunities.

Salary & Benefits: The hiring salary for this position has been established at \$53,760. Salary is commensurate with skills and experience. The above salary 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 is located at www.cusys.edu/pbs

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