

POSTDOCTORAL SCHOLAR

Genomic analysis of adipocyte dysfunction associated with type 2 diabetes

Department of Genetics and Genome Sciences
Case Western Reserve University
Cleveland, Ohio. USA

The Buchner lab in the Department of Genetics and Genome Sciences at Case Western Reserve University School of Medicine is seeking a highly motivated and skilled researcher with experience working with mouse models of metabolic disease and genomics datasets. Successful applicants for this NIH funded program will have a strong record of accomplishment as shown by publications as a graduate student and/or postdoc, be highly motivated, and have a passion for diabetes-related research.

Qualified applicants must have a PhD or MD/PhD degree in genetics, physiology, or a related field in the biomedical sciences, strong written and oral communication skills, and excellent critical thinking. Familiarity with general techniques of molecular biology and mammalian cell biology is essential. Expertise in one or more of the following areas is preferred: familiarity with the use of public genome browsers and large data repositories; state of the art genomics technologies including ChIP-Seq and RNA-Seq and the use of relevant bioinformatic pipelines; mouse metabolic phenotyping.

Our lab has a long-standing interest in human genetics as well as the molecular regulation of glucose homeostasis. For examples, see Tiosano et al., 2019 *PLOS Genetics*; Chen et al., 2018 *Human Molecular Genetics*; Chen et al., 2017 *PLOS Genetics*; Miller et al., 2020, *G3*; Charrier et al., 2021 *MCE*). We are part of a vibrant and interactive research community at Case Western Reserve University and occupy excellent, modern laboratory space. Additional information about our research group can be found at: <https://case.edu/medicine/genetics/people/primary-faculty/david-buchner>

Please send inquiries containing a cover letter, CV with a list of publications, and contact information of 3 references to **Dr. David Buchner (dab22@case.edu)**. Review of applications will begin immediately and continue until the position is filled.

DIVERSITY STATEMENT: In employment, as in education, Case Western Reserve University is committed to Equal Opportunity and Diversity. Women, veterans, members of underrepresented minority groups, and individuals with disabilities are encouraged to apply.

REASONABLE ACCOMMODATIONS: Case Western Reserve University provides reasonable accommodations to applicants with disabilities. Applicants requiring a reasonable accommodation for any part of the application and hiring process should contact the Office of Inclusion, Diversity and Equal Opportunity at 216-368-8877 to request a reasonable accommodation. Determinations as to granting reasonable accommodations for any applicant will be made on a case-by-case basis.