

A unique post-doctoral opportunity in single cell biology genetics, genomics, epigenetics, to investigate the cellular and molecular mechanisms of kidney homeostasis and disease in the laboratory of Dr. Katalin Susztak in the School of Medicine at the University of Pennsylvania.

Applicants with enthusiasm, original ideas and skills who would be able take advantage of the existing resources to answer impactful questions about kidney homeostasis and disease are strongly encouraged to apply. Current lab interests include; 1) mechanistic studies using gene editing (CRISP-Cas9) in model organisms and cellular systems 2) single cell analysis of human and mouse kidney tissue samples 3) high through-put genetic, genomic and epigenomic analysis of control and diseased human kidney samples (genotype, CHIP, RNAseq and WGBS data is available for ~1,000 sample), Further information can be found at <https://www.med.upenn.edu/susztaklab/>

RELEVANT PUBLICATIONS: Park et al Science 2018, Beckerman et al. Nature Medicine 2017 Ko et al AJHG 2017, Kang et al. Nature Medicine 2015, Kang et al Cell Report 2016, Niranjana T. et al Nature Medicine 2008

QUALIFICATIONS: Interested candidates should have Ph.D. and/or M.D. degree with strong background in Genetics and Cell Biology and Computational Biology. The applicant should have record of delivering high-quality research. The candidate will be expected to be self-motivated and develop and run an independent research project and play an active and collaborative role in the laboratory environment.

SALARY/BENEFITS: The position is fully supported by NIH and industry funds and successful candidates will be offered competitive stipend/salary commensurate with experience and accomplishments. Application for post-doctoral fellowships will be encouraged at later years.

TO APPLY: Please email ksusztak@pennmedicine.upenn.edu and provide an updated C.V. or Biosketch and a short personal statement (1-2 paragraphs). References will be required.