

POSTDOCTORAL RESEARCH FELLOWSHIP ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI



We are inviting applications for a **Postdoctoral Research Fellowship in genetic epidemiology, statistical genetics or related fields with an interest in cardiometabolic traits and diseases.**

By using genetics, this program aims to understand the biology that underlies the susceptibility to obesity and its links to related cardiometabolic traits. We study common, low frequency and rare variants [1] in an ancestrally diverse population of >34,000 individuals recruited from throughout New York City through the Mount Sinai's ongoing BioMe EMR-linked Biobank, [2] in the large-scale UK Biobank (n = 500,000), and [3] in a unique discordant-sib family study.

The successful candidate will be supervised directly by the Dr. Ruth Loos. He or she will have the opportunity to work with a large portfolio of data collections (including EMR-linked, population-based, discordant-family designs) with high-density genotyping data (including genome-wide arrays, ExomeChip, and exome and whole genome sequencing), to develop their own research projects, and to participate in large-scale international collaborations.

The ideal candidate has a PhD or equivalent doctorate, a **strong background in genetic epidemiology, epidemiology, statistical genetics, bioinformatics, computational biology or a related discipline** and has demonstrated scientific productivity. Applicants should have a strong computational background, expertise with statistical genetic/bioinformatic software packages applied to large genomic data sets. S/he will be familiar with approaches to integrate biological information from a wide-range of (publicly available) data resources. Research experience in regulatory genomics and/or the genetics of obesity and cardiometabolic traits is a strong advantage.

You will be based at the main campus, which stretches from East 98th to 102nd Streets between Madison and Fifth Avenues on Manhattan's Upper East Side and Central Park.

To apply, please send **CV and cover letter by November 12** to Ruth Loos (ruth.loos@mssm.edu).

Information on the Postdoctoral Training Program at Mount Sinai: <http://icahn.mssm.edu/education/postdoctoral-training>

To learn more about the Icahn School of Medicine: <http://icahn.mssm.edu>

Incoming postdoctoral fellows are eligible for affordable Mount Sinai Housing within walking distance of the medical school and of a wide range of amenities.

About Our Organization

The Icahn School of Medicine at Mount Sinai is internationally recognized as a leader in groundbreaking clinical and basic science research and is known for its innovative approach to medical education.

With a faculty of more than 3,400 in 38 clinical and basic science departments and centers, Mount Sinai ranks among the top 20 medical schools in receipt of National Institutes of Health grants. In its 2015 "America's Best Graduate Schools" issue, U.S. News & World Report ranks the Icahn School of Medicine 14th out of 130 medical schools nationwide.

Mount Sinai Medical Center is an equal opportunity/affirmative action employer. We recognize the power and importance of a diverse employee population and strongly encourage applicants with various experiences and backgrounds.

Mount Sinai Medical Center--An EEO/AA-D/V Employer.