

A postdoctoral position in bioinformatics/Biostatistics/Data Science is open in the Center for Biostatistics at the Icahn School of Medicine at Mount Sinai. The successful candidate will be joining Dr. Suarez-Farinas' Lab, a collaborative group, involving the Center for Biostatistics and the Department of Genetics and Genomic Sciences. Our primary focus is analysis of high-dimensional biomarker studies coupled with mechanistic clinical trials investigating immune responses to food allergy, viral infection and Inflammatory Bowel Disease. The successful candidate will join ongoing efforts to develop methods for analysis and integration immune-profiling (CyTOF), transcriptomic and other high-throughput datasets for diagnosis of IBD subtype and severity. Similar methods will also be developed to study immune system responses to mosquito transmitted virus such as Zika and Dengue.

We seek highly skilled and self-motivated individuals who have earned a doctoral degree or foreign equivalent in an interdisciplinary, data-driven field, with educational emphasis in bioinformatics, data science, machine learning , or statistics. Additional qualifications include: a superior academic performance, proficiency in R and Python, experience with handling of big data and an ability to be self-directed with broadly-defined limits on assignments; excellent communication skills, both oral and written; and a demonstrated ability to interact efficiently with diverse people in a highly multidisciplinary environment. Job description: The applicant is expected to show excellence in independently conducting analyses of high dimensional data (such transcriptomic and proteomic data) including but not limited to applying methods for normalization and quality control (QC), statistical modeling and machine learning algorithms. This is a full-time, two-year postdoctoral position. Candidates may not have more than five years of postdoctoral experience including that from other institutions.

Review of applications will begin upon receiving. Interested individuals should send a CV and the names of three references to Dr. Mayte Suarez-Farinas (mayte.suarezfarinas@mssm.edu) and Dr. Lewis Tomalin (lewis.tomalin@mountsinai.org) with a subject line "Post-doc Position".

Emilia Bagiella

Professor and Director,

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