



POSTDOCTORAL POSITION – Hematopoietic Regeneration and Myeloid Malignancies
Weill Cornell Medical College, Cornell University, New York, NY

The Scandura Laboratory has an opening for one or more highly-motivated and creative postdoctoral candidates interested in defining mechanisms of hematopoietic regeneration and how these relate to myeloid malignancies. The laboratory utilizes primary human cells and murine genetic models to study normal and malignant hematopoiesis. A particular focus is defining bone marrow niche support of HSC function in various physiologic contexts. Ultimately our goals are to translate this work to new human therapeutics. The laboratory uses a wide variety of technologies (confocal microscopy, multidimensional flow cytometry, RNAseq, ChIPseq, genome editing and lentiviral gene transfer) and highly specialized assays of hematopoiesis to pursue these goals.

Postdoctoral applicants should have demonstrated expertise using mouse model systems with preference given to those applicants having experience with hematologic studies. Applicants should have experience with flow cytometry and/or immunohistochemistry/immunofluorescence techniques and technologies. A strong background in molecular biology is preferred and applicants should also be familiar with massively parallel (NextGen) sequencing technologies.

The laboratory is located on the main campus of Weill-Cornell Medical College of Cornell University at York Avenue and 69th street in New York City, easily accessible to all parts of the city.

Interested applicants should submit an electronic copy of CV, the names and contact info for three references and a cover letter describing past research experience, research interests and career goals to: Dr. Joseph Scandura, JMS2003@med.cornell.edu.

Requirements:

The applicant must be PhD (immunology, cell biology or molecular biology) or MD/PhD graduate with:

- Strong background and publication record in peer-reviewed journals in at least one of the following areas: immunology, hematopoiesis, stem cell biology, cancer biology.
- Outstanding personal initiative and communication skills.
- Excellent molecular and cell biology skills.
- Strong English speaking and writing skills.

Candidates with experience handling human samples and flow cytometry are encouraged to apply.

Candidates should email an updated CV, complete contact information for three references and a cover letter describing their past research experience, career goals and a statement of future research interest (1-2 pages).

PhD, MD/PhD is required in molecular, cellular biology preferred.

Contact:

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