A newly funded lab at the department of medical oncology of City of Hope, Los Angeles, is looking for a talented postdoctoral fellow for translational research focusing on the immune regulation of lung cancer. Ongoing studies are focusing on patient peripheral blood and tumor tissue samples that will be used for a variety of technologically advanced methods for immune system phenotyping. Specifically, we will assess changes in NK and T cell phenotypes by multi-color flow cytometry, multi-color spatial analysis of NK and T cell localization in tumor tissue, T cell receptor (TCR) sequencing analysis of T cell oligoclonality, and single cell RNA sequencing of peripheral blood and tumor cells.

Full application including a statement of research motivation/experiences/interests, updated CV with a list of publication, and at least 3 references with contact information should be submitted in response to this job posting. The position is funded for 1 year and renewable upon satisfactory evaluation.

Minimum Education and Skills Required for Consideration:

• Ph.D., M.D., D.O., or equivalent in biomedical sciences; and excellent written and interpersonal communication skills.

Preferred Education and Skills:

• Skills of tissue culture, molecular cloning, gene expression and knockout, protein purification/identification, flow cytometry and mouse tumor xenograft model experience; bioinformatics skills; and MRI and/or PET-MRI imaging physics experience.

To Apply:
To apply, please visit: cityofhope.org/careers and reference req.#14586 in the keyword search.

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