Postdoctoral Position in Tumor Immunology with special emphasis on immunotherapy of solid tumors and escape mechanisms

Division of Surgical Oncology
Department of Surgery
Massachusetts General Hospital
Harvard Medical School
Boston, MA 02114 (USA)

Job Description
NIH-funded postdoctoral position is available in Dr. Ferrone’s research group in the Department of Surgery at the Massachusetts General Hospital and Harvard Medical School. The research project is particularly focused on developing antibody-based immunotherapeutic strategies for the treatment of solid tumors with special emphasis on strategies to counteract the escape mechanisms utilized by tumor cells. The fellow will have the opportunity to also engage in a project which characterizes the significance and molecular basis of HLA class I defects in solid tumors. This position provides outstanding opportunities for continued scientific development and for contributing to pioneering research with high translational impact. The scientific environment at Massachusetts General Hospital and surrounding institutions such as Harvard and Massachusetts Institute of Technology offers ample opportunity for productive collaborations.

We expect the fellow to be highly motivated, independent and innovative. We will provide support and mentorship so that the fellow ultimately develops his/her own line of research.

Job requirements:

The candidate will have a PhD and/or MD degree. Prior laboratory experience is required, ideally in molecular techniques such as cell transfection and transduction, CRISPR-Cas9 and sequencing. Knowledge of basic immunology, mammalian cell culture-based assays, flow cytometry, IHC, fluorescence microscopy, Western blot, PCR, ELISA and/or in vivo murine models is preferable.

Application Package
Applications should be sent to sferrone@mgh.harvard.edu with the subject line “Postdoc-tissue engineering” and addressed to Dr. Soldano Ferrone. We prefer that the application package, submitted as a single pdf document, contains: 1) a cover letter, 2) a full CV with a complete list of publications, 3) name and contacts details of 3 references, and 4) list of laboratory and other methods mastered.