

Position Type: Postdoctoral Position at the NIH

Position Title: Tumor infiltrating immune cells and microenvironment modification by photoimmunotherapy

Position Description:

A fully funded postdoctoral position is available from June, 2020 in the Laboratory of Cellular Therapeutics in the Molecular Imaging Program at the National Cancer Institute, NIH, Bethesda, MD, USA.

Our research focuses on understanding the pro- and anti-tumor immune mechanisms in the tumor microenvironment to improve cancer therapy. This position offers a unique opportunity to expand future career paths by providing experience with newly developed photoimmunotherapy and cell therapy against cancers. Photoimmunotherapy technique enables depletion of a specific cell type(s) from the tumor without affecting other cell populations, thereby allowing modification of tumor microenvironment. This technique provides unique settings to study the roles played by the immune cells in the tumor microenvironment.

Individuals who are interested in studying tumor immunity/microenvironment are encouraged to apply. We are seeking self-motivated candidates with excellent communication skills and ability to publish results in a timely manner.

Applicants must have a Ph.D. or M.D. within 3 years or be close to obtaining a doctoral degree with considerable laboratory experience and prior scientific publications. Prior experience in immunology, pathology, biochemistry and/or molecular biology, including experience with animal models of cancer, are preferred. A track record of publication and presentations is important. Must be willing to work with animals.

To apply:

Please submit a brief letter of interest, CV and a list of 3 references (with complete address) to Dr. Noriko Sato (saton@mail.nih.gov). Please write: "Postdoctoral application" in the subject heading.

Disclaimers:

This position is subject to a background investigation. The NIH is dedicated to building a diverse community in its training and employment programs.