Postdoctoral position in lymphocyte development, function and oncogenesis at Washington University School of Medicine

We are recruiting 1-2 postdoctoral fellows to study lymphocyte development, adaptive immune responses, and leukemogenesis/lymphomagenesis at the molecular levels. The goal is to understand cellular, genetic and epigenetic regulatory networks governing physiological and pathogenic hematopoiesis, adaptive immune responses to chronic viral infection and cancers and suppression of tumorigenesis in lymphocytes. Our major focus is to elucidate molecular mechanisms by which lymphocytes retain or lose their stemness in response to signaling through antigen- and cytokine receptors and apply these findings to enhanced memory responses and CAR-T efficacy.

Candidates must be within 3 yrs after completion of a doctoral degree and are expected to have experience in molecular immunology and in vivo studies using mouse models or human large data analyses. Additional expertise in flow cytometry, epigenetic analyses, pathogen infection experiments and analysis of public human sequence databases is highly appreciated.

The position is in Department of Pathology and Immunology at Washington University School of Medicine, and supported primarily by NIH funds in accordance with the university policy, including salary, medical and dental coverage and other benefits. The lab is located in scientifically rich environment with close interaction with leading immunologists, including Ken Murphy, Marco Colonna, Wayne Yokoyama and Chyi-Song Hsieh. This is a great place to build a successful research career.

Please refer to our research summary at https://pathology.wustl.edu/people/takeshi-egawa-md-phd/.

Please send CV, a brief statement of your past accomplishment and prospective goal (1-2 pages each), and email addresses of two or more references to:

Takeshi Egawa
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Selected Publications


