

## **Postdoctoral Position in Thymus Biology**

The Thymus Biology Section in the Experimental Immunology Branch, CCR, NCI, NIH, focuses on the mechanisms how the thymic microenvironments contribute to the development of functionally potent and self-tolerant T cells. We are particularly interested in studying how the diversity in thymic epithelial cells develops, how thymic epithelial cell subpopulations contribute to functional-tuning and self-tolerance in T cells, and how the thymic microenvironments sequentially guide the position of developing T cells to optimize their development and selection. Unveiling the thymic machinery in these processes will aid future therapies.

Our recent contributions include: Murata et al. *Nat Immunol.* 2018; Sakata et al. *J Immunol.* 2018; Kozai et al. *J Exp Med.* 2017; Ohigashi et al. *JCI Insight.* 2017; Uddin et al. *Nat Commun.* 2017; Takahama et al. *Nat Rev Immunol.* 2017; Ohigashi et al. *Cell Rep.* 2015; Takada et al. *Nat Immunol.* 2015; and Sasaki et al. *Nat Commun.* 2015.

We look for a self-motivated and enthusiastic scientist with a recent Ph.D. or M.D. Experience in immunology, developmental biology, and molecular biology is desirable.

Interested applicants should send a curriculum vitae, the names of three references, and a brief summary of their previous research and future goals to [yosuke.takahama@nih.gov](mailto:yosuke.takahama@nih.gov). Review of applications will begin immediately and continue until the position is filled.

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