Koji Yasutomo

Address: Tokushima University

Country: Japan

Education:

1984-1990	M.D. School of Medicine, Tokushima University
1993-1997	Ph.D. Graduate School of Medicine, Tokushima University

Professional carriers:

1990-1993	Physician-Pediatrics, Department of Pediatrics, Tokushima University Hospital
1997-2000	Post-doctoral fellow, National Institutes of Health, USA
2000	Physician-Pediatrics, Department of Pediatrics, Tokushima University Hospital
2001	Assistant Professor, Department of Pediatrics, Graduate School of Medicine, Tokushima University
2001	Professor, Department of Immunology and Parasitology, Graduate School of Medicine, Tokushima University

Specialties:

Immunology, Genetics, Pediatrics

Selected publications:

1. Maekawa Y, Ishifune C, Tsukumo SI, Hozumi K, Yagita H, Yasutomo K. Notch controls the survival of memory CD4+ T cells by regulating glucose uptake. Nat Med 21:55-61 (2015)
2. Kitamura A, Sasaki Y, Abe T, Kano H, Yasutomo K. An inherited mutation in NLRC4 causes autoinflammation in human and mice. J Exp Med 211:2385-2396 (2014)
3. Nakajima K et al. The ARNT-STAT3 axis regulates the differentiation of intestinal intraepithelial TCRαβ+CD8αα+cells. Nat Commun 4:2112 (2013)
4. Kitamura A et al. A mutation in the immunoproteasome subunit PSMB8 causes autoinflammation and lipodystrophy in humans. J Clin Invest 121:4150–4160 (2011)
5. Maekawa Y et al. Notch2 integrates signaling by the transcription factors RBP-J and CREB1 to promote T cell cytotoxicity. Nat Immunol 9:1140-7 (2008)
6. Hisaeda H et al. Escape of malaria parasites from host immunity requires CD4+CD25+ regulatory T-cells. Nat Med 10:29-30 (2004)
7. Maekawa Y et al. Delta1-Notch3 interactions bias the functional differentiation of activated CD4+ T-cells. Immunity 19:549-59 (2003).
8. Yasutomo K et al. Mutation of DNASE1 in people with systemic lupus erythematosus. Nat Genet 28:313-4 (2001)
9. Yasutomo K et al. The duration of antigen receptor signalling determines CD4+ versus CD8+ T-cell lineage fate. Nature 404:506-10 (2000)