

Curriculum Vitae

Full Name: Junichi Kikuta, M.D., Ph.D.

Organization: Osaka University, Japan

Position & Title:

Assistant Professor, Department of Immunology and Cell Biology, Graduate School of Medicine

Educational background

2013, Ph.D., Osaka University Graduate School of Medicine

2006, M.D., Osaka University Medical School

Professional experience

2013-present, Assistant Professor, Department of Immunology and Cell Biology,
Graduate School of Medicine, Osaka University

2008-2009, Resident, Department of Rheumatology, National Hospital Organization
Osaka Minami Medical Center

2006-2008, Internship, National Hospital Organization Osaka Minami Medical Center

Research Interests

Intravital imaging of the bone and immune system to understand the fundamental principle on the cellular dynamics in the field of bone biology and rheumatology.

Publications

1. Minoshima M, **Kikuta J**, et al. *In vivo* multicolor imaging with fluorescent probes revealed the dynamics and function of osteoclast proton pumps. *ACS Cent Sci*, 5(6):1059-1066, 2019.
2. Matsuura Y, **Kikuta J***, et al. *In vivo* visualisation of different modes of action of biological DMARDs inhibiting osteoclastic bone resorption. *Ann Rheum Dis*, 77(8):1219-1225, 2018. (*Correspondence)
3. Furuya M, **Kikuta J**, et al. Direct cell-cell contact between mature osteoblasts and osteoclasts dynamically controls their functions in vivo. *Nat Commun*, 9(1):300, 2018.
4. Maeda H, Kowada T, **Kikuta J**, et al. Real-time intravital imaging of pH variation associated with osteoclast activity. *Nat Chem Biol*, 12(8):579-585, 2016.
5. **Kikuta J**, et al. Dynamic visualization of RANKL and Th17-mediated osteoclast function. *J Clin Invest*, 123(2):866-873, 2013.