Curriculum Vitae

Name (First Name, Middle Name Last Name)	**Yoichi Kakuta**
Position	Assistant Professor
Affiliation	**Tohoku University Hospital**
Country	Japan
Major Field	Inflammatory bowel disease, Genetics

Education Background

2008 Ph.D. Tohoku University Graduate School of Medicine, Sendai Miyagi, Japan
2000 M.D. Tohoku University School of Medicine, Sendai Miyagi, Japan

Professional Experience

2013 Sep - current	Assistant Professor, Division of Gastroenterology, Tohoku University Hospital
2011 Aug - 2013 Aug	Post-Doctoral Researcher, Cedars-Sinai Medical Center, Los Angeles, CA, U.S.A.
2008 Apr – 2011 Jul	Medical Staff , Division of Gastroenterology, Tohoku University Hospital,
2004 Apr – 2008 Mar	Graduate Research, Tohoku University Graduate School of Medicine, Sendai
2003 Apr – 2004 Mar	Medical Staff in Internal Medicine, Towada City Hospital, Towada, Aomori, JAPAN
2000 May – 2003 Mar	Resident in Internal Medicine, Hachinoe City Hospital, Hachinohe, JAPAN

Professional Organizations

Board Certified Member of the Japanese Society of Internal Medicine
Board Certified Gastroenterologist of the Japanese Society of Gastroenterology
Board Certified Endoscopist of the Japan Gastroenterological Endoscopy Society
Member of Japan Society for Inflammatory Bowel Disease (A member of Academic committee)
Member of Japanese Gastroenterological Association
Member of Japan Society of Small Intestine

Scientific Publication

Major publication (*Corresponding Author)

1. *Kakuta Y, Shirai T, McGovern DPB, et al. Novel diagnostic autoantibodies against Endothelial Protein C Receptor in patients with ulcerative colitis. **Clin Gastroenterol Hepatol** (2021)
2. *Kakuta Y, Iwaki H, Umeno J, et al. Crohn's disease and early exposure to thiopurines are independent risk factors for mosaic chromosomal alterations in patients with inflammatory bowel diseases. **J Crohns Colitis** (2021).
3. *Kakuta Y, Ichikawa R, Fuyuno Y, et al. An Integrated Genomic and Transcriptomic Analysis Reveals Candidates of Susceptibility Genes for Crohn's Disease in Japanese Populations. **Sci Rep** (2020). 10(1): 10236.
4. *Kakuta Y, Izumiyama Y, Okamoto D, et al. High-resolution melt analysis enables simple genotyping of complicated polymorphisms of codon 18 rendering the NUDT15 diplotype. **J Gastroenterol** 2020 Jan;55(1):67-

77.

5. *Kakuta Y, Kawai Y, Naito T, et al. A genome-wide association study identifying RAP1A as a novel susceptibility gene for Crohn's disease in Japanese individuals. **J Crohns Colitis** 2019 Apr 26;13(5):648-658.
6. *Kakuta Y, Kawai Y, Okamoto D, et al. NUDT15 codon 139 is the best pharmacogenetic marker for predicting thiopurine-induced severe adverse events in Japanese patients with inflammatory bowel disease: a multicenter study. **J Gastroenterol.** 2018; 53(9): 1065–1078.
7. *Kakuta Y, Kinouchi Y, Shimosegawa T, Pharmacogenetics of thiopurines for inflammatory bowel disease in East Asia: prospects for clinical application of NUDT15 genotyping., **J Gastroenterol.** 2018 Feb;53(2):172-180.
8. * Liu TC, Naito T, Liu Z, VanDussen KL, Haritunians T, Li D, Endo K, Kawai Y, Nagasaki M, Kinouchi Y, McGovern DP, Shimosegawa T, Kakuta Y, Stappenbeck TS. LRRK2 but not ATG16L1 is associated with Paneth cell defect in Japanese Crohn's disease patients. **JCI Insight.** 2017 Mar 23;2(6): e91917
9. *Kakuta Y, Kimura T, Negoro K, et al. Increased expression of IL12B mRNA transcribed from the risk haplotype for Crohn's disease is a risk factor for disease relapse in Japanese patients. **J Gastroenterol** (2017). 52(12): 1230-1239.
10. *Kakuta Y, Naito T, Onodera M, Kuroha M, Kimura T, Shiga H, Endo K, Negoro K, Kinouchi Y, Shimsoegawa T. NUDT15 R139C causes thiopurine-induced early severe hair loss and leukopenia in Japanese patients with IBD, **Pharmacogenomics J**. 2016 Jun;16(3):280-5
11. Asano K, Matsushita T, Umeno J, Hosono N, Takahashi A, Kawaguchi T, MatsumotoT, Matsui T, Kakuta Y, Kinouchi Y, Shimosegawa T, Hosokawa M, Arimura Y, Shinomura Y, Kiyohara Y, Tsunoda T, Kamatani N, Iida M, Nakamura Y, Kubo M. A genome-wide association study identifies three new susceptibility loci for ulcerative colitis in the Japanese population. **Nat Genet.** 2009 Dec;41(12):1325-9.
12. *Kakuta Y, Ueki N, Kinouchi Y, et al. TNFSF15 transcripts from risk haplotype for Crohn's disease are overexpressed in stimulated T cells. **Hum Mol Genet**. 2009 Mar 15;18(6):1089-98.
13. *Kakuta Y, Kinouchi Y, Negoro K, et al. Association study of TNFSF15 polymorphisms in Japanese patients with inflammatory bowel disease. **Gut.** 2006 Oct;55(10):1527-8.

Honors & Awards

2018	Tohoku Medical Society Scholarship Award
2018	The 31st Japan Society of Gastroenterology Encouragement Award
2014	Poster of Distinct, Digestive Disease Week 2014, Chicago
2013	Poster of Distinct, Digestive Disease Week 2013, San Diego
2007	Special Recognition Award, The 15th Hamanako Symposium, Japan