

Curriculum Vitae

	Name	Shintaro Akiyama
	Title	MD, PhD, MSc
	Affiliation	University of Tsukuba, Institute of Medicine, Department of Gastroenterology
	Country	Japan
	E-mail	akiyama@md.tsukuba.ac.jp

Educational Background

April 2014-March 2018	Ph.D. , Graduate School of Medicine, <i>Tokyo Medical and Dental University</i> , Tokyo, Japan.
April 2006-March 2010	M.D. , School of Medicine, <i>Hirosaki University</i> , Aomori, Japan.
April 2004-March 2006	M.Sc. , Graduate School of Science, <i>Kyoto University</i> , Kyoto, Japan.
April 2000-March 2004	B.E. , Department of Engineering Science, <i>The University of Electro-Communications</i> , Tokyo, Japan.

Professional Career

April 2025-Present	Fellow , Tsukuba Institute for Advanced Research
April 2024-Present	Vice Director of IBD center <i>University of Tsukuba Hospital</i> , Ibaraki, Japan.
July 2021-Present	Lecturer , Department of Gastroenterology, Institute of Medicine, <i>University of Tsukuba</i> , Ibaraki, Japan.
July 2019-June 2021	Advanced Inflammatory Bowel Disease Fellow , Section of Gastroenterology, Hepatology and Nutrition, Department of Medicine, <i>The University of Chicago</i> , Illinois, U.S.A
December 2018-March 2019	Postdoctoral Scholar , Section of Gastroenterology, Hepatology and Nutrition, Department of Medicine, <i>The University of Chicago</i> , Illinois, U.S.A
April 2018-September 2018	Specially Appointed Assistant Professor , Department of Gastroenterology, <i>Tokyo Medical and Dental University</i> , Tokyo, Japan.
April 2014-March 2018	Clinical Fellow , Department of Gastroenterology, <i>Tokyo Medical and Dental University</i> , Tokyo, Japan.
April 2010-March 2014	Residency in Internal Medicine and Gastroenterology , <i>Toranomon Hospital</i> , Tokyo, Japan.

Research Field

- Novel endoscopic classifications and scoring systems to predict pouchitis outcomes in IBD
- Clinical characteristics and outcomes of IBD patients with primary sclerosing cholangitis
- Real-world data analysis of medications for patients with immune-mediated inflammatory diseases
- Safety and effectiveness of endoscopic interventions for IBD-related neoplasia

- IBD pathogenesis from the standpoint of goblet cell biology and microbiome
- Hypoxia imaging endoscopy for IBD disease activity monitoring

Main Scientific Publications

First-Author Peer-Reviewed Publications

- **Total:** 44 (Original Articles: 24, Research Letters: 3, Review Articles: 9, Case Reports: 8)
- 1. **S. Akiyama**, S. Hamdeh, D. Micic, A. Sakuraba: Prevalence and clinical outcomes of COVID-19 in patients with autoimmune diseases: a systematic review and meta-analysis.
Annals of the Rheumatic Diseases Vol. 80, 384-391, 2021 (IF: 20.3)
- 2. **S. Akiyama**, S. Nishijima, Y. Kojima, M. Kimura, M. Ohsugi, K. Ueki, M. Mizokami, M. Hattori, K. Tsuchiya, N. Uemura, T. Kawai, P. Bork, N. Nagata. Multi-biome analysis identifies distinct gut microbial signatures and their crosstalk in ulcerative colitis and Crohn's disease.
Nature Communications Vol 15, 10291, 2024 (IF 14.7)
- 3. **S. Akiyama**, A. Yamada, D. Micic, A. Sakuraba: The risk of respiratory tract infections and interstitial lung disease with interleukin 12/23 and interleukin 23 antagonists in patients with autoimmune diseases: a systematic review and meta-analysis.
Journal of the American Academy of Dermatology Vol. 84, 676-690, 2021 (IF: 12.8)
- 4. **S. Akiyama**, J.E. Ollech, V. Rai, L. R. Glick, Y. Yi, C. Traboulsi, J. Runde, R.D. Cohen, K.B. Skowron, R.D. Hurst, K. Umanskiy, B.D. Shogan, N.H. Hyman, M.A. Rubin, S.R. Dalal, A. Sakuraba, J. Pekow, E.B. Chang, and D.T. Rubin: Endoscopic phenotype of the J pouch in patients with inflammatory bowel disease: a new classification for pouch outcomes.
Clinical Gastroenterology and Hepatology Vol 20, 293-302, 2022 (IF: 11.6)
- 5. **S. Akiyama**, R. Hayashi, T. Takasago, K. Kusunoki, H. Ikeuchi, K. Takenaka, K. Watanabe, K. Koganei, N. Ueno, M. Fujiya, N. Hosoe, F. Koyama, Y. Sakata, M. Esaki, K. Takeuchi, M. Naganuma, K. Tsuchiya. Prevalence and Predictability of the Chicago Classification of Pouchitis in Ulcerative Colitis: A Multicenter Study in Japan
Journal of Gastroenterology 2025, in press (IF: 6.9)
- 6. **S. Akiyama**, T. Sakamoto, M. Kobayashi, D. Matsubara, K. Tsuchiya: Clinical Usefulness of Hypoxia Imaging Colonoscopy for the Objective Measurement of Ulcerative Colitis Disease Activity.
Gastrointestinal Endoscopy Vol 99, 1006-1016, 2024 (IF: 6.7, Patent Application Filed)
- 7. **S. Akiyama**, H. Shimizu, A. Tamura, K. Yokoyama, T. Sakurai, M. Kobayashi, M. Eizuka, S. Yanai, K. Nomura, T. Shibuya, M. Takahara, S. Hiraoka, M. Sako, A. Yoshida, K. Tsuruta, S. Yoshioka, M. Koroku, T. Omori, M. Saruta, T. Matsumoto, R. Okamoto, K. Tsuchiya, T. Fujii. Comparative Efficacy and Safety of Three Janus Kinase Inhibitors in Ulcerative Colitis: A Real-World Multicentre Study in Japan.
Alimentary Pharmacology & Therapeutics Vol 61, 524-537, 2025 (IF: 6.6)
- 8. **S. Akiyama**, K. Yokoyama, S. Yagi, S. Shinzaki, K. Tsuruta, S. Yoshioka, M. Sako, H. Shimizu, M. Kobayashi, T. Sakurai, K. Nomura, T. Shibuya, M. Takahara, S. Hiraoka, K. Sugai, S. Yanai, A. Yoshida, M. Koroku, T. Omori, M. Saruta, T. Matsumoto, R. Okamoto, K. Tsuchiya, T. Fujii: Efficacy and Safety of Filgotinib for Ulcerative Colitis: A Real-World Multicenter Retrospective Study in Japan.
Alimentary Pharmacology & Therapeutics Vol 59, 1413-1424, 2024 (IF: 6.6)
- 9. **S. Akiyama**, J.E. Ollech, N.A. Cohen, C. Traboulsi, V. Rai, L.R. Glick, Y. Yi, J. Runde, R.D. Cohen, K.B. Skowron, R.D. Hurst, K. Umanskiy, B.D. Shogan, N.H. Hyman, M.A. Rubin, S.R. Dalal, A. Sakuraba, J. Pekow, E.B. Chang, and D.T. Rubin: Endoscopic Normalization and Transition of J-pouch Phenotypes Over Time in Patients with Inflammatory Bowel Disease:
Inflammatory Bowel Diseases Vol 31, 63-71, 2025 (IF: 4.5)
- 10. **S. Akiyama**^{*}, T. Onoda^{*}, S. Moue, N. Sakamoto, T. Sakamoto, H. Suzuki, T. Enomoto, D. Matsubara, T. Oda, K. Tsuchiya: Association of colonic metaplasia of goblet cells and endoscopic phenotypes of the J pouch in patients with ulcerative colitis: A retrospective pilot study.
Intestinal Research Vol 22, 92-103, 2024 (IF: 3.4)