

CURRICULUM VITAE

Takashi Ishige, MD, PhD

EDUCATION/POST GRADUATE TRAINING

College/University:	1995-2001	MD, University of the Ryukyus School of Medicine
	2005-2011	PhD in Pediatrics, Gunma University Graduate School
Residency:	2001-2005	Resident in Pediatrics, Gunma University Hospital, Japan
Fellowship:	2005-2010	Fellow in Pediatric Gastroenterology, Gunma University Hospital
	2016-2018	Post doctoral Research Fellow, Cell Biology Program Muise Lab, The Hospital for Sick Children

PRESENT POSITION OR ACADEMIC RANK

Senior Lecturer, Department of Pediatrics, Gunma University Graduate School of Medicine

TEACHING ACTIVITIES-HOSPITAL OR OFFICE-BASED

2007-2011	Staff physician of Pediatrics, Gunma University School of Medicine
2011-2013	Instructor of Pediatrics, Gunma University School of Medicine
2014-2016	Assistant Professor, Department of Pediatrics, Gunma University Graduate School of Medicine
2014-2016	Instructor of Pediatrics, Tatebayashi Nursing School
2018-	Senior Lecturer, Department of Pediatrics, Gunma University Graduate School of Medicine

COMMITTEE SERVICE

2007- General secretariat, Japanese Society for Pediatric Inflammatory bowel disease
2021- Councilor, Japan Pediatric Society
2022- Director, Japanese Society for Pediatric Gastroenterology, Hepatology and Nutrition
2022- Councilor, Japanese Society for Inflammatory Bowel Disease
2018- Vice chairman, Gender Equity committee, Japan Pediatric Society
2021- Board certification exam committee, Japan Gastroenterological Endoscopy Society
2019- Primary Immunodeficiency diseases committee, Japanese Society for Immunodeficiency and Autoinflammatory Diseases
2020-2022 GI committee, Asian Pan-Pacific Society for Pediatric Gastroenterology
Certified Professional of gastroenterology (The Japanese Society of Gastroenterology)
Certified Professional of gastrointestinal endoscopy (Japan Gastroenterological Endoscopy Society)
Member of Japanese Society of Pediatric Rheumatology
Member of Japanese Gastroenterological Association

HONORS

2022 Presentation award, 13th meeting of Japanese Society for Inflammatory Bowel disease
2019 Presentation award, 10th meeting of Japanese Society for Inflammatory Bowel disease
2018 Presentation award, 9th meeting of Japanese Society for Inflammatory Bowel disease
2013 Presentation award, 40th meeting of Japanese Society for Pediatric Gastroenterology, Hepatology and Nutrition

BIBLIOGRAPHY (ENGLISH ONLY)

1. Nishida Y, Yagi H, Ota M, et al. Oxidative stress induces MUC5AC expression through mitochondrial damage-dependent STING signaling in human bronchial epithelial cells. *FASEB bioAdvances*. 2023;5(4):171-181. doi:10.1096/fba.2022-00081
2. Nambu R, Arai K, Kudo T, et al. Clinical outcome of ulcerative colitis with severe onset in children: a multicenter prospective cohort study. *J Gastroenterol*. 2023;58(5):472-480. doi:10.1007/s00535-023-01972-1
3. Mizuochi T, Iwama I, Inui A, et al. Real-world efficacy and safety of glecaprevir/pibrentasvir in Japanese adolescents with chronic hepatitis C: a prospective multicenter study. *J Gastroenterol*. 2023;58(4):405-412. doi:10.1007/s00535-023-01968-x
4. Ishige T, Shimizu T, Watanabe K, et al. Expert consensus on vaccination in patients with inflammatory bowel disease in Japan. *J Gastroenterol*. 2023;58(2):135-157. doi:10.1007/s00535-022-01953-w
5. Shiga H, Takahashi T, Shiraki M, et al. Reduced antiviral seropositivity among patients with inflammatory bowel disease treated with immunosuppressive agents. *Scand J Gastroenterol*. 2023;58(4):360-367. doi:10.1080/00365521.2022.2132831
6. Kudo T, Jimbo K, Shimizu H, et al. Qing-Dai for pediatric ulcerative colitis multicenter survey and systematic review. *Pediatr Int*. 2022;64(1):e15113. doi:10.1111/ped.15113
7. Morota J, Ishige T, Suzuki M, Igarashi Y, Takizawa T. Non-occlusive mesenteric ischemia in a toddler with 6q25 microdeletion syndrome. *Pediatr Int*. 2022;64(1):e14751. doi:10.1111/ped.14751
8. Yagi H, Sato K, Arakawa N, et al. Expression of Leucine-rich Repeat-containing Protein 32 Following Lymphocyte Stimulation in Patients with Non-IgE-mediated Gastrointestinal Food Allergies. *Yale J Biol Med*. 2020;93(5):645-655.

9. Tatsuki M, Hatori R, Nakazawa T, et al. Serological cytokine signature in paediatric patients with inflammatory bowel disease impacts diagnosis. *Sci Rep.* 2020;10(1):14638. doi:10.1038/s41598-020-71503-y
10. Arai K, Kunisaki R, Kakuta F, et al. Phenotypic characteristics of pediatric inflammatory bowel disease in Japan: results from a multicenter registry. *Intest Res.* 2020;18(4):412-420. doi:10.5217/ir.2019.00130
11. Kato S, Shimizu T, Toyoda S, et al. The updated JSPGHAN guidelines for the management of *Helicobacter pylori* infection in childhood. *Pediatr Int.* 2020;62(12):1315-1331. doi:10.1111/ped.14388
12. Uchiyama K, Haruyama Y, Shiraishi H, et al. Association between Passive Smoking from the Mother and Pediatric Crohn's Disease: A Japanese Multicenter Study. *Int J Environ Res Public Health.* 2020;17(8). doi:10.3390/ijerph17082926
13. Zen Y, Kondou H, Nakazawa A, et al. Proposal of a liver histology-based scoring system for bile salt export pump deficiency. *Hepatol Res.* 2020;50(6):754-762. doi:10.1111/hepr.13494
14. Yagi H, Takizawa T, Sato K, et al. Interleukin 2 receptor- α expression after lymphocyte stimulation for non-IgE-mediated gastrointestinal food allergies. *Allergol Int Off J Japanese Soc Allergol.* 2020;69(2):287-289. doi:10.1016/j.alit.2019.11.003
15. Muranushi R, Suzuki M, Araki K, et al. Successful hepatectomy for hepatic abscess with chronic granulomatous disease: a case report. *Surg case reports.* 2017;3(1):57. doi:10.1186/s40792-017-0333-z
16. Uchida T, Suzuki T, Kikuchi A, et al. Comprehensive targeted sequencing identifies monogenic disorders in patients with early-onset refractory diarrhea. *J Pediatr Gastroenterol Nutr.* 2020;in press(3):333-339. doi:10.1097/MPG.0000000000002796
17. Tatsuki M, Ishige T, Igarashi Y, et al. Whipple disease mimicking inflammatory bowel disease. *Intest Res.* 2021;19(1). doi:10.5217/IR.2019.09177
18. Hagiwara S, Nakayama Y, Tagawa M, et al. Pediatric Patient and Parental Anxiety and Impressions Related to Initial Gastrointestinal Endoscopy: A Japanese Multicenter Questionnaire Study. *Sci.* 2015;2015:797564. doi:10.1155/2015/797564
19. Ueki I, Kimura A, Chen HL, et al. SRD5B1 gene analysis needed for the accurate diagnosis of primary 3-oxo-Delta4-steroid 5beta-reductase deficiency. *J Gastroenterol Hepatol.* 2009;24(5):776-785. doi:10.1111/j.1440-1746.2008.05669.x

20. Shinagawa M, Ishige T, Igarashi Y, Takizawa T, Arakawa H. Pyoderma Gangrenosum of the Finger Associated with Pediatric Ulcerative Colitis. *J Pediatr Gastroenterol Nutr.* 2019;69(3). doi:10.1097/MPG.0000000000002255
21. Hosoi K, Ohtsuka Y, Fujii T, et al. Treatment with infliximab for pediatric Crohn's disease: Nationwide survey of Japan. *J Gastroenterol Hepatol.* 2017;32(1). doi:10.1111/jgh.13498
22. Takahashi Y, Sano R, Nakajima T, et al. Combination of postmortem mass spectrometry imaging and genetic analysis reveals very long-chain acyl-CoA dehydrogenase deficiency in a case of infant death with liver steatosis. *Forensic Sci Int.* 2014;244. doi:10.1016/j.forsciint.2014.08.031
23. Suzuki T, Sasahara Y, Kikuchi A, et al. Targeted Sequencing and Immunological Analysis Reveal the Involvement of Primary Immunodeficiency Genes in Pediatric IBD: a Japanese Multicenter Study. *J Clin Immunol.* 2017;37(1). doi:10.1007/s10875-016-0339-5
24. Yagi H, Takizawa T, Sato K, et al. Severity scales of non-IgE-mediated gastrointestinal food allergies in neonates and infants. *Allergol Int.* 2019;68(2). doi:10.1016/j.alit.2018.08.004
25. Mizuno T, Sakai H, Nishikomori R, et al. Novel mutations of MVK gene in Japanese family members affected with hyperimmunoglobulinemia D and periodic fever syndrome. *Rheumatol Int.* 2012;32(12). doi:10.1007/s00296-011-2225-z
26. Takahashi A, Tomomasa T, Kaneko H, et al. In vivo recording of colonic motility in conscious rats with deficiency of interstitial cells of Cajal, with special reference to the effects of nitric oxide on colonic motility. *J Gastroenterol.* 2005;40(11). doi:10.1007/s00535-005-1688-7
27. Ishige T, Tomomasa T, Takebayashi T, et al. Inflammatory bowel disease in children: Epidemiological analysis of the nationwide IBD registry in Japan. *J Gastroenterol.* 2010;45(9). doi:10.1007/s00535-010-0223-7
28. Tajiri H, Nishi J, Ushijima K, et al. A role for fosfomycin treatment in children for prevention of haemolytic-uraemic syndrome accompanying Shiga toxin-producing Escherichia coli infection. *Int J Antimicrob Agents.* 2015;46(5). doi:10.1016/j.ijantimicag.2015.08.006
29. Takahashi Y, Sano R, Kominato Y, et al. A case of sudden unexpected infant death involving a homozygotic twin with the thermolabile CPT2 variant, accompanied by rotavirus infection and treatment with an antibiotic containing pivalic acid. *Leg Med.* 2016;22. doi:10.1016/j.legalmed.2016.07.005
30. Uehara T, Ishige T, Hattori S, et al. Three patients with DeSanto-Shinawi syndrome: Further phenotypic delineation. *Am J Med Genet Part A.* 2018;176(6). doi:10.1002/ajmg.a.38703

31. Ishige T, Kaneko H, Suzuki T, et al. Pemphigus vulgaris as a possible cause of protein-losing gastroenteropathy: A case report. *J Paediatr Child Health*. 2008;44(3). doi:10.1111/j.1440-1754.2007.01277.x
32. Ishige T, Yagi H, Tatsuki M, et al. Endoscopic findings in the acute phase of food protein-induced enterocolitis syndromae. *Pediatr Allergy Immunol*. 2015;26(1). doi:10.1111/pai.12327
33. Ishige T, Tomomasa T, Hatori R, et al. Temporal Trend of Pediatric Inflammatory Bowel Disease: Analysis of National Registry Data 2004 to 2013 in Japan. *J Pediatr Gastroenterol Nutr*. 2017;65(4). doi:10.1097/MPG.0000000000001547
34. Ishige T, Igarashi Y, Hatori R, et al. IL-10ra mutation as a risk factor of severe influenza-associated encephalopathy: A case report. *Pediatrics*. 2018;141(6). doi:10.1542/peds.2017-3548
35. Tatsuki M, Miyazawa R, Tomomasa T, Ishige T, Nakazawa T, Arakawa H. Serum magnesium concentration in children with functional constipation treated with magnesium oxide. *World J Gastroenterol*. 2011;17(6). doi:10.3748/wjg.v17.i6.779
36. Hatori R, Tomomasa T, Ishige T, Tatsuki M, Arakawa H. Fecal retention in childhood: Evaluation on ultrasonography. *Pediatr Int*. 2017;59(4). doi:10.1111/ped.13185
37. Ishige T, Tomomasa T, Tajiri H, Yoden A. Japanese physicians' attitudes towards enteral nutrition treatment for pediatric patients with Crohn's disease: A questionnaire survey. *Intest Res*. 2017;15(3). doi:10.5217/ir.2017.15.3.345
38. Ishige T. Growth failure in pediatric onset inflammatory bowel disease: Mechanisms, epidemiology, and management. *Transl Pediatr*. 2019;8(1). doi:10.21037/tp.2018.12.04