

Kurume, JAPAN

(Honors & Awards)

2015	Best Presentation Award	42 th Japanese Biliary Atresia Meeting
2012	Young Investigator Award	4 th WCPGHAN
2012	Best Paper Award	29 th Japanese Pediatric Hepatology Meeting
2011	Best Presentation Award	28 th Japanese Pediatric Hepatology Meeting
2009	Best Abstract Award	36 th JSPGHAN Annual Meeting
2008	Best Presentation Award	25 th Japanese Pediatric Hepatology Meeting

(Research Grants)

1. 2021-2024 Grant-in-Aid for Scientific Research from the Japan Society for the Promotion of Science
2. 2021 Grant-in-aid from Kawano Masanori Memorial Public Interest Incorporated Foundation for Promotion of Pediatrics
3. 2018-2021 Grant-in-Aid for Scientific Research from the Japan Society for the Promotion of Science
4. 2016 Ishibashi Foundation for the Promotion of Science
5. 2015-2018 Grant-in-Aid for Scientific Research from the Japan Society for the Promotion of Science
6. 2011 Morinaga Service Research Fund
7. 2010-2013 Grant-in-Aid for Young Scientists from the Japan Society for the Promotion of Science

(Academic/Professional Memberships)

Japan Pediatric Society

Japanese Society for Pediatric Gastroenterology, Hepatology and Nutrition (JSPGHAN)

Japanese Society for Inherited Metabolic Disease

Japanese Society of Emergency Pediatrics

The Japan Society of Hepatology

American Association for the Study of Liver Diseases

(Publications) *Corresponding author

1. Jonas MM, Rhee S, Kelly DA, Del Valle-Segarra A, Feiterna-Sperling C, Gilmour S, Gonzalez-Peralta RP, Hierro L, Leung DH, Ling SC, Lobzin Y, Lobritto S, **Mizuochi T**, Narkewicz MR, Sabharwal V, Wen J, Kei Lon H, Marcinak J, Topp A, Tripathi R, Sokal E. Pharmacokinetics, safety, and efficacy of glecaprevir/pibrentasvir in children with chronic hepatitis C virus: part 2 of the DORA study. *Hepatology*. 2021 Apr 2. doi: 10.1002/hep.31841. Online ahead of print.
2. Cho Y, Kabata D, Ehara E, Yamamoto A, **Mizuochi T**, Mushiake S, Kusano H, Kuwae Y, Suzuki T, Uchida-Kobayashi S, Morikawa H, Amano-Teranishi Y, Kioka K, Jogo A, Isoura Y, Hamazaki T, Murakami Y, Tokuhara D. Assessing liver stiffness with conventional cut-off values overestimates liver fibrosis staging in patients who received the Fontan procedure. *Hepatol Res*. 2021;51:593-602.
3. Konishi KI, **Mizuochi T***, Takei H, Yasuda R, Sakaguchi H, Ishihara J, Takaki Y, Kinoshita M, Hashizume N, Fukahori S, Shoji H, Miyano G, Yoshimaru K, Matsuura T, Sanada Y, Tainaka T, Uchida H, Kubo Y, Tanaka H, Sasaki H, Murai T, Fujishiro J, Yamashita Y, Nio M, Nittono H, Kimura A. A Japanese prospective multicenter study of urinary oxysterols in biliary atresia. *Sci Rep*. 2021;11:4986.
4. Kakiuchi T, **Mizuochi T**, Koji A, Zhang Y, Sakata Y. Long-term endoscopic findings in pediatric primary intestinal lymphangiectasia. *Clin Case Rep*. 2020;9:1029-1030.
5. Mizutani A, Sabu Y, Naoi S, Ito S, Nakano S, Minowa K, **Mizuochi T**, Ito K, Abukawa D, Kaji S, Sasaki M, Muroya K, Azuma Y, Watanabe S, Oya Y, Inomata Y, Fukuda A, Kasahara M, Inui A, Takikawa H, Kusuhara H, Bessho K, Suzuki M, Togawa T, Hayashi H. Assessment of Adenosine Triphosphatase Phospholipid Transporting 8B1 (ATP8B1) Function in Patients with Cholestasis with ATP8B1 Deficiency by Using Peripheral Blood Monocyte-Derived Macrophages. *Hepatol Commun*. 2020;5(1):52-62.
6. Kimura A, **Mizuochi T***, Takei H, Ohtake A, Mori J, Shinoda K, Hashimoto T, Kasahara M, Togawa T, Murai T, Iida T, Nittono H. Bile Acid Synthesis Disorders in Japan: Long-Term Outcome and Chenodeoxycholic Acid Treatment. *Dig Dis Sci*. 2021 Jan 1. doi: 10.1007/s10620-020-06722-4. Online ahead of print.
7. Fujisaki T, Matsuishi T, Kamizono J, Amamoto M, **Mizuochi T***. Crohn's disease and chronic recurrent multifocal osteomyelitis in a Japanese boy. *Pediatr Int*. 2021;63:115-117.
8. Konishi KI, **Mizuochi T***, Takeuchi I, Arai K, Yamamoto K. Congenital chloride diarrhea in a Japanese neonate with a novel SLC26A3 mutation. *Pediatr Int* 2020;62:1294-1296.
9. Sakaguchi H, Shirakawa T, **Mizuochi T***. Ischemic colitis in an infant with constipation treated with stimulant laxative. *JGH Open*. 2020;4:1012-1013.

10. **Mizuochi T***, Arai K, Kudo T, Nambu R, Tajiri H, Aomatsu T, Abe N, Kakiuchi T, Hashimoto K, Sogo T, Takahashi M, Etani Y, Takaki Y, Konishi KI, Ishihara J, Obara H, Kakuma T, Kurei S, Yamashita Y, Mitsuyama K. Diagnostic accuracy of serum proteinase 3 antineutrophil cytoplasmic antibodies in children with ulcerative colitis. *J Gastroenterol Hepatol*. 2020 Oct 13. doi: 10.1111/jgh.15296. Online ahead of print.
11. Konishi KI, **Mizuochi T***, Honma H, Etani Y, Morikawa K, Wada K, Yamamoto K. A novel de novo SLC26A3 mutation causing congenital chloride diarrhea in a Japanese neonate. *Mol Genet Genomic Med*. 2020;8:e1505.
12. Uchida T, Suzuki T, Kikuchi A, Kakuta F, Ishige T, Nakayama Y, Kanegane H, Etani Y, **Mizuochi T**, Fujiwara SI, Nambu R, Suyama K, Tanaka M, Yoden A, Abukawa D, Sasahara Y, Kure S. Comprehensive Targeted Sequencing Identifies Monogenic Disorders in Patients With Early-onset Refractory Diarrhea. *J Pediatr Gastroenterol Nutr*. 2020;71:333-339.
13. Takaki Y, **Mizuochi T***, Takei H, Eda K, Konishi KI, Ishihara J, Kinoshita M, Hashizume N, Yamashita Y, Nittono H, Kimura A. Urinary and serum oxysterols in children: developmental pattern and potential biomarker for pediatric liver disease. *Sci Rep*. 2020;10:6752.
14. **Mizuochi T***, Arai K, Kudo T, Nambu R, Tajiri H, Aomatsu T, Abe N, Kakiuchi T, Hashimoto K, Sogo T, Takahashi M, Etani Y, Takaki Y, Konishi KI, Ishihara J, Obara H, Kakuma T, Kurei S, Yamashita Y, Mitsuyama K. Antibodies to Crohn's disease peptide 353 as a diagnostic marker for pediatric Crohn's disease: a prospective multicenter study in Japan. *J Gastroenterol*. 2020;55:515-522.
15. Konishi KI, **Mizuochi T***, Yanagi T, Watanabe Y, Ohkubo K, Ohga S, Maruyama H, Takeuchi I, Sekine Y, Masuda K, Kikuchi N, Yotsumoto Y, Ohtsuka Y, Tanaka H, Kudo T, Noguchi A, Fuwa K, Mushiake S, Ida S, Fujishiro J, Yamashita Y, Taguchi T, Yamamoto K. Clinical Features, Molecular Genetics, and Long-Term Outcome in Congenital Chloride Diarrhea: A Nationwide Study in Japan. *J Pediatr*. 2019;214:151-157.e6.
16. Yasuda R, **Mizuochi T***, Kitamura M, Migita K, Yamashita Y. Canakinumab eliminates resistant familial Mediterranean fever in a Japanese girl. *Pediatr Int*. 2019;61:1173-1174.
17. Takaki Y, **Mizuochi T***, Eda K, Ishihara J, Yamashita Y. Laboratory values in Japanese children with newly diagnosed inflammatory bowel disease. *Pediatr Int*. 2019;6:720-725.
18. Konishi KI, **Mizuochi T***, Takaki Y, Ishihara J, Suda M, Takahashi T, Yamashita Y. Anti-myelin Oligodendrocyte Glycoprotein Antibody-positive Optic Neuritis in a Girl With Ulcerative Colitis. *J Pediatr Gastroenterol Nutr*. 2019;69:e117.
19. Ishihara J, **Mizuochi T***, Uchida T, Takaki Y, Konishi KI, Joo M, Takahashi Y, Yoshioka S, Kusano

- H, Sasahara Y, Yamashita Y. Infantile-onset inflammatory bowel disease in a patient with Hermansky-Pudlak syndrome: a case report. *BMC Gastroenterol.* 2019;19:9.
20. Ono S, Matsuda J, Watanabe E, Akaike H, Teranishi H, Miyata I, Otomo T, Sadahira Y, **Mizuochi T**, Kusano H, Kage M, Ueno H, Yoshida K, Shiraishi Y, Chiba K, Tanaka H, Miyano S, Ogawa S, Hayashi Y, Kanegane H, Ouchi K. Novel neuroblastoma amplified sequence (NBAS) mutations in a Japanese boy with fever-triggered recurrent acute liver failure. *Hum Genome Var.* 2019;6:2.
21. Takaki Y, **Mizuochi T***, Nishioka J, Eda K, Yatsuga S, Yamashita Y. Nonalcoholic fatty liver disease with prolactin-secreting pituitary adenoma in an adolescent: A case report. *Medicine (Baltimore).* 2018;97:e12879.
22. Eda K, **Mizuochi T***, Takaki Y, Ushijima K, Umeno J, Yamashita Y. Successful azathioprine treatment in an adolescent with chronic enteropathy associated with SLCO2A1 gene: A case report. *Medicine (Baltimore).* 2018;97:e12811.
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24. Togawa T, **Mizuochi T***, Sugiura T, Kusano H, Tanikawa K, Sasaki T, Ichinose F, Kagimoto S, Tainaka T, Uchida H, Saitoh S. Clinical, Pathologic, and Genetic Features of Neonatal Dubin-Johnson Syndrome: A Multicenter Study in Japan. *J Pediatr.* 2018;196:161-167.e1.
25. Midorikawa H, **Mizuochi T***, Okada JI, Hisano T. Disparate clinical findings in monozygotic twins with neonatal hemochromatosis. *Pediatr Int.* 2017;59:1215-1216.
26. Yoshioka S, Takedatsu H, Fukunaga S, Kuwaki K, Yamasaki H, Yamauchi R, Mori A, Kawano H, Yanagi T, **Mizuochi T**, Ushijima K, Mitsuyama K, Tsuruta O, Torimura T. Study to determine guidelines for pediatric colonoscopy. *World J Gastroenterol.* 2017;23:5773-5779.
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29. Eda K, **Mizuochi T***, Takaki Y, Higashidate N, Hashizume N, Fukahori S, Asagiri K, Yamashita Y, Yagi M : Adenomyomatosis of the Gallbladder with Pancreaticobiliary Maljunction in a Child. *J*

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31. Asai A, Aihara E, Watson C, Mourya R, **Mizuochi T**, Shivakumar P, Phelan K, Mayhew C, Helmrath M, Takebe T, Wells J, Bezerra JA : Paracrine signals regulate human liver organoid maturation from induced pluripotent stem cells. *Development* 2017;144:1056-64.
32. Yanagi T, **Mizuochi T***, Takaki Y, Eda K, Mitsuyama K, Ishimura M, Takada H, Shouval DS, Griffith AE, Snapper SB, Yamashita Y, Yamamoto K. Novel exonic mutation inducing aberrant splicing in the IL10RA gene and resulting in infantile-onset inflammatory bowel disease: a case report. *BMC Gastroenterol.* 2016;16:10.
33. **Mizuochi T***, Suda K, Seki Y, Yanagi T, Yoshimoto H, Kudo Y, Iemura M, Tanikawa K, Matsuishi T. Successful diuretics treatment of protein-losing enteropathy in Noonan syndrome. *Pediatr Int.* 2015;57:e39-41.
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35. Yanagi T, **Mizuochi T**, Homma K, Ueki I, Seki Y, Hasegawa T, Takei H, Nittono H, Kurosawa T, Matsuishi T, Kimura A. Distinguishing primary from secondary $\Delta(4)$ -3-oxosteroid 5 β -reductase (SRD5B1, AKR1D1) deficiency by urinary steroid analysis. *Clin Endocrinol (Oxf).* 2015;82:346-51.
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syndrome. *Blood*. 2013;121:3181-4.

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40. Nagasaka H, Okano Y, Kimura A, **Mizuochi T**, Sanayama Y, Takatani T, Nakagawa S, Hasegawa E, Hirano K, Mochizuki H, Ohura T, Ishige-Wada M, Usui H, Yorifuji T, Tsukahara H, Hirayama S, Ohtake A, Yamato S, Miida T. Oxysterol changes along with cholesterol and vitamin D changes in adult phenylketonuric patients diagnosed by newborn mass-screening. *Clin Chim Acta*. 2013;416:54-9.
41. Seki Y, **Mizuochi T**, Kimura A, Takahashi T, Ohtake A, Hayashi S, Morimura T, Ohno Y, Hoshina T, Ihara K, Takei H, Nittono H, Kurosawa T, Homma K, Hasegawa T, Matsuishi T. Two neonatal cholestasis patients with mutations in the SRD5B1 (AKR1D1) gene: diagnosis and bile acid profiles during chenodeoxycholic acid treatment. *J Inherit Metab Dis*. 2013;36:565-73.
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