

**CURRICULUM VITAE**

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 1999-2002 Junior & Senior Resident at Dept. of Gastroenterology, Osaka Koseinenkin Hospital,  
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 2002-2004 Medical Staff at Dept. of Gastroenterology, Osaka Rosai Hospital, Osaka, Japan  
 2004-2008 Graduate Student at Dept. of Gastroenterology and Hepatology, Osaka University  
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 2008-2009 Clinical fellow at Dept. of Gastroenterology and Hepatology, Osaka University  
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 2009-2011 Assistant professor, Dept. of Molecular Biochemistry and Clinical Investigation, Osaka  
 University Graduate School of Medicine, Japan  
 2011 Visiting assistant professor, Center for Gastrointestinal Biology and Diseases, University of  
 North Carolina School of Medicine, Chapel Hill, North Carolina, USA  
 2011-2012 Assistant professor, Oncology Center, Osaka University Hospital, Japan  
 2012-2017 Assistant professor, Dept. of Gastroenterology and Hepatology, Osaka University  
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 2017-present Associate professor (Lecturer), Dept. of Gastroenterology and Hepatology, Osaka  
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<b>Degrees:</b>	Osaka University Medical School	M.D.	1998	Medicine
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**Professional Society Memberships:**

American Gastroenterological Association, European Crohn's & Colitis Organisation, Asian  
 Organization for Crohn's & Colitis, The Japanese Society of Internal Medicine, The Japanese

Society of Gastroenterology, The Japanese Society of Hepatology, Japan Gastroenterological Endoscopy Society, Japanese Society of Inflammatory Bowel Diseases

<Editorial board>

2019-present *J Gastroenterol.* Associate Editor

2019-present *Inflamm Intest Dis.* Editorial Board

## PUBLICATIONS

\*contributed equally

### <The major 10 articles>

- Otake-Kasamoto Y, Kayama H, Kishikawa T, **Shinzaki S**, Tashiro T, Amano T, Tani M, Yoshihara T, Li B, Tani H, Liu L, Hayashi A, Okuzaki D, Motooka D, Nakamura S, Okada Y, Iijima H, Takeda K, Takehara T. Lysophosphatidylserines derived from microbiota in Crohn's disease elicit pathological Th1 response. *J Exp Med.* 2022 Jul 4;219(7):e20211291.
- Shinzaki S**, Matsuoka K, Tanaka H, Takeshima F, Kato S, Torisu T, Ohta Y, Watanabe K, Nakamura S, Yoshimura N, Kobayashi T, Shiotani A, Hirai F, Hiraoka S, Watanabe M, Matsuura M, Nishimoto S, Mizuno S, Iijima H, Takehara T, Naka T, Kanai T, Matsumoto T. Leucine-rich alpha-2 glycoprotein is a potential biomarker to monitor disease activity in inflammatory bowel disease receiving adalimumab: PLANET study. *J Gastroenterol.* 2021 Jun; 56(6):560-569.
- Yoshihara T\*, **Shinzaki S\***, Kawai S, Fujii H, Iwatani S, Yamaguchi T, Araki M, Hiyama S, Inoue T, Hayashi Y, Watabe K, Iijima H, Takehara T. Tissue drug concentrations of anti-tumor necrosis factor agents are associated with the long-term outcome of patients with Crohn's disease. *Inflamm Bowel Dis.* 2017 Dec; 23(12):2172-2179.
- Shinzaki S**, Matsuoka K, Iijima H, Mizuno S, Serada S, Fujimoto M, Arai N, Koyama N, Morii E, Watanabe M, Hibi T, Kanai T, Takehara T, Naka T. Leucine-rich alpha-2 glycoprotein is a serum biomarker of mucosal healing in ulcerative colitis. *J Crohns Colitis.* 2017 Jan;11(1):84-91.
- Fujii H\*, **Shinzaki S\***, Iijima H\*, Wakamatsu K, Iwamoto C, Sobajima T, Kuwahara R, Hiyama S, Hayashi Y, Takamatsu S, Uozumi N, Kamada Y, Tsujii M, Taniguchi N, Takehara T, Miyoshi E. Core Fucosylation on T cells, Required for Activation of T-cell Receptor Signaling and Induction of Colitis in Mice, is Increased in Patients with Inflammatory Bowel Disease. *Gastroenterology.* 2016 Jun;150(7): 1620-32.
- Shinzaki S**, Ishii M, Fujii H, Iijima H, Wakamatsu K, Kawai S, Shiraishi E, Hiyama S, Inoue T, Hayashi Y, Kuwahara R, Takamatsu S, Kamada Y, Morii E, Tsujii M, Takehara T, Miyoshi E. N-Acetylglucosaminyltransferase V exacerbates murine colitis with macrophage dysfunction and enhances colitic tumorigenesis. *J Gastroenterol.* 2016 Apr;51(4):357-69
- Takeda Y\*, **Shinzaki S\***, Okudo K, Moriwaki K, Murata K, Miyoshi E. Fucosylated haptoglobin is a novel type of cancer biomarker linked to the prognosis after an operation in colorectal cancer. *Cancer.* 2012 Jun;118(12):3036-43.
- Shinzaki S**, Iijima H, Fujii H, Kuroki E, Tatsunaka N, Inoue T, Nakajima S, Egawa S, Kanto T, Tsujii M, Morii E, Takeishi S, Asano M, Takehara T, Hayashi N, Miyoshi E. Altered oligosaccharide structures reduce colitis induction in mice defective in  $\beta$ -1,4-galactosyltransferase. *Gastroenterology.* 2012 May;142(5):1172-82.
- Serada S, Fujimoto M, Ogata A, Terabe F, Hirano T, Iijima H, **Shinzaki S**, Nishikawa T, Ohkawara T, Iwahori K, Ohguro N, Kishimoto T, Naka T. iTRAQ-based proteomic identification of leucine rich alpha 2 glycoprotein (LRG) as a novel

inflammatory biomarker in autoimmune diseases. *Ann Rheum Dis*. 2010. 69(4) 770-774.

10. **Shinzaki S**, Iijima H, Nakagawa T, Egawa S, Nakajima S, Ishii S, Irie T, Kakiuchi Y, Nishida T, Yasumaru M, Kanto T, Tsujii M, Tsuji S, Mizushima T, Yoshihara H, Kondo A, Miyoshi E, Hayashi N. IgG oligosaccharide alterations are a novel diagnostic marker for disease activity and the clinical course of inflammatory bowel disease. *Am J Gastroenterol*. 2008 May;103(5):1173-81.

<Original articles> \*contributed equally

1. Nagai K, Shinzaki S, Takehara T, et al. *Digestion*. In press
2. Kasamoto-Otake Y, Shinzaki S, Takeda K, et al. *J Exp Med*. In press
3. Yamaguchi T, Shinzaki S, Takehara T, et al. *J Gastroenterol Hepatol*. In press
4. Amano T, Shinzaki S, Takehara T, et al. *Sci Rep*. 2022 Mar; 12(1):5324.
5. Shinzaki S, Sakagami K, Ito H, et al. *Crohns Colitis 360*. 2022, 4, 1-7.
6. Inoue T, Shinzaki S, Takehara T, et al. *Sci Rep*. 2021 Sep;11(1):19524.
7. Amano T, Shinzaki S, Takehara T, et al. *BMC Cancer*. 2021 Aug 31;21(1):978.
8. Kato M, Shinzaki S, Takehara T, et al. *Dig Endosc*. In press
9. Yanai S, Shinzaki S, Matsumoto T, et al. *Digestion*. 2021;102(6):929-937.
10. Shinzaki S, Matsuoka K, Matsumoto T, et al. *J Gastroenterol*. 2021 Jun;56(6):560-569.
11. Uema R, Shinzaki S, Takehara T, et al. *J Gastroenterol Hepatol*. 2021 Aug;36(8):2239-2246.
12. Yoshihara T, Shinzaki S, Takehara T, et al. *J Gastroenterol Hepatol*. 2021 Jul;36(7):1744-1753.
13. Kato M, Shinzaki S, Takehara T, et al. *J Gastroenterol Hepatol*. 2021 Aug;36(8):2083-2090.
14. Motooka K, Shinzaki S, Miyoshi E, et al. *World J Gastroenterol*. 2021 Jan;27(2):162-175.
15. Uchino M, Shinzaki S, Watanabe M, et al. *J Gastroenterol Hepatol*. 2021 Apr;36(4):864-872.
16. Uchino M, Shinzaki S, Watanabe M, et al. *J Gastroenterol Hepatol*. 2021 Feb;36(2):329-336.
17. Iijima H, Shinzaki S, Hibi T, et al. *Inflamm Intest Dis*. 2020 Jun;5(2):78-83.
18. Araki M, Shinzaki S, Takehara T, et al. *PLoS One*. 2020 May 26;15(5):e0233365.
19. Iwatani S, Shinzaki S, Takehara T, et al. *J Gastroenterol Hepatol*. 2020 Dec;35(12):2158-2169.
20. Iwatani S, Shinzaki S, Takehara T, et al. *J Gastroenterol Hepatol*. 2020 Aug;35(8):1355-1364.
21. Bamba S, Shinzaki S, Hibi T, et al. *J Gastroenterol*. 2020 Jun;55(6):615-626.
22. Kato M, Shinzaki S, Takehara T, et al. *Endosc Int Open*. 2020 Apr;8(4):E536-E543.
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25. Yoshii S, Shinzaki S, Takehara T, et al. *Cancer Sci*. 2019 Aug;110(8):2396-2407.
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90. Katayama K, Shinzaki S, Kamoi R, et al. *Am J Roentgenol*. 2002 Jul;179(1):102-4.

#### <Review articles>

1. Oakabayashi S, Shinzaki S, Watanabe N, et al. *Cochrane Database Syst Rev*. in press
2. Nakase H, Shinzaki S, Koike K, et al. *J Gastroenterol*. 2021 Jun;56(6):489-526.
3. Yamazaki H, Shinzaki S, Watanabe N, et al. *Cochrane Database Syst Rev*. 2019 Aug 29;8:CD012893.
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5. Miyoshi E, Shinzaki S, Takehara T, et al. *Proteomics Clin Appl*. 2016 Apr;10(4):384-90.
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#### <Case reports>

1. Kijima N, Shinzaki S, Kishima H, et al. *Surg Neurol Int*. in press
2. Okamoto A, Shinzaki S, Takehara T, et al. *Am J Gastroenterol*. in press
3. Yoshii S, Shinzaki S, Takehara T, et al. *Endoscopy*. 2019 Dec;51(12):E406-E407.
4. Maesaka K, Shinzaki S, Takehara T, et al. *Medicine*. 2018 Nov;97(48):e13380.
5. Kato M, Shinzaki S, Takehara T, et al. *J Gastroenterol Hepatol*. in press
6. Kato M, Shinzaki S, Takehara T, et al. *Clin J Gastroenterol*. 2018 Oct;11(5):382-385.
7. Tsujii Y, Shinzaki S, Takehara T, et al. *BMC Cancer*. 2017 Feb; 17(1):152.
8. Yoshihara T, Shinzaki S, Takehara T, et al. *Gastrointest Endosc*. 2016 Dec;84(6):1075-6.
9. Nagai K, Shinzaki S, Takehara T, et al. *Dis Esophagus*. 2016 Nov;29(8):1164-1166.
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13. Yoshii S, Shinzaki S, Takehara T, et al. *Dig Endosc*. 2015 Mar;27(3):392-6
14. Kai Y, Shinzaki S, Takehara T, et al. *World J Gastroenterol*. 2014 Sep;20(35):12673-7.
15. Nakabori T, Shinzaki S, Takehara T, et al. *Gastrointest Endosc*. 2014 Apr;79(4):679-80
16. Tawara S, Shinzaki S, Takehara T, et al. *Endoscopy*. 2013 Nov;45 Suppl 2 UCTN:E380-1.
17. Fujinaga T, Shinzaki S, Takehara T, et al. *Endoscopy*. 2013;45 Suppl 2 UCTN:E135.
18. Kawai S, Shinzaki S, Takehara T, et al. *World J Gastroenterol*. 2013 Mar;19(9):1485-8.
19. Tsujii Y, Shinzaki S, Takehara T, et al. *Dis Esophagus*. 2013 Apr;26(3):349-50.
20. Saito Y, Shinzaki S, Takehara T, et al. *Dis Esophagus*. 2013 Apr;26(3):343-4.