

CURRICULUM VITAE

Name	Tadayuki Oshima	Country	Japan
Affiliation/ Present Position	Associate Professor Division of Gastroenterology, Department of Internal Medicine Hyogo College of Medicine		

Education
Apr. 1988 - Mar. 1994 MD, in Nagoya City University Apr. 1996 - Mar. 2000 Ph.D. in Internal Medicine, Nagoya City University Graduate School

Training and Carrier (Residency and Experience)
May. 1994 - Mar. 1995 Resident, Nagoya City University Apr. 1995 - Mar. 1996 Physician, Asuke Hospital Aug. 1998 - Nov. 2000 Postdoctoral fellow, Louisiana State University Health Science Center-Shreveport Nov. 2000 - Mar. 2006 Clinical research fellow, Nagoya City University Graduate School of Medical Sciences Apr. 2006 - Mar. 2007 Assistant professor, Hyogo College of Medicine Apr. 2007 - present Associate professor, Hyogo College of Medicine

Award and Activity
<ol style="list-style-type: none"> 1. The 1st Japan GRG/AGA Symposium (12. 7. 2002, Tokyo, Japan) Outstanding Participation and Discussion, Outstanding Research and Poster Presentation 2. Nagoya Ohjinkai Young Investigators Medical Research Award (12. 21. 2006, Nagoya, Japan) 3. The 1st Biennial Congress of the Asian Neurogastroenterology and Motility Association (ANMA2009) (4.2-4. 2009, Seoul, South Korea) Young Investigator's Awards 4. The 3rd annual meeting of Japan-Functional Dyspepsia research society (11. 13. 2010, Tokyo, Japan) Best Paper Award 5. The 1st Asian Pacific Topic Conference (APTC2010) (11. 27. 2010, Tokyo, Japan) Excellent Topic Award 6. The 16th annual meeting of Society for Gastro-Esophageal Reflux Disease (11. 19. 2011, Tokyo, Japan) Best Paper Award 7. 79th Japanese Society of Psychosomatic Medicine on Digestive Diseases (10. 12. 2012, Tokyo, Japan) Excellent Paper Award 8. The 6th annual meeting of Japan-Functional Dyspepsia research society (11. 9. 2013, Tokyo, Japan) Best Paper Award 9. 2015 Award for Outstanding Reviewers, the Japanese Society of Internal Medicine 10. Best Reviewers 2017 (Journal of Neurogastroenterology and Motility) 11. 2018 The encouragement prize for the activity of teacher in Hyogo College of Medicine 12. 11th Journal of Gastroenterology High Citation Award (2019)

Research Interests
Functional Gastrointestinal Disorders Gastrointestinal Motility Disorders Gastrointestinal mucosal barrier
Bibliography: representative publications from the last three years
Review

1. Oshima T, Miwa H. Potent Potassium-competitive Acid Blockers: A New Era for the Treatment of Acid-related Diseases. *J Neurogastroenterol Motil.* 2018 Jul 30;24(3):334-344. doi: 10.5056/jnm18029. Review.
2. Li M, Oshima T, Horikawa T, Tozawa K, Tomita T, Fukui H, Watari J, Miwa H. Systematic review with meta-analysis: Vonoprazan, a potent acid blocker, is superior to proton-pump inhibitors for eradication of clarithromycin-resistant strains of *Helicobacter pylori*. *Helicobacter.* 2018 Jun 6:e12495. Review.
3. Oshima T, Miwa H. Functional Dyspepsia - A Revolution in Management. *Am J Gastroenterol.* 2018 Oct;113(10):1420-1422. doi: 10.1038/s41395-018-0264-8.
4. Miwa H, Oshima T, Tomita T, Fukui H, Kondo T, Yamasaki T, Watari J. Recent understanding of the pathophysiology of functional dyspepsia: role of the duodenum as the pathogenic center. *J Gastroenterol.* 2019 Apr;54(4):305-311. doi: 10.1007/s00535-019-01550-4. Review.

Case report

1. Mieno M, Oshima T, Miwa H. Protein loss in the small intestine detected by capsule endoscopy. *Gastrointest Endosc.* 2020 Jan 7. pii: S0016-5107(20)30011-0. doi: 10.1016/j.gie.2020.01.004. [Epub ahead of print]

Original peer-review Journals

1. Oshima T, Wu L, Li, Fukui H, Watari J, Miwa H. Magnitude and direction of the association between *Clostridium difficile* infection and proton pump inhibitors in adults and pediatric patients: a systematic review and meta-analysis. *J Gastroenterol.* 2018 Jan;53(1):84-94. doi: 10.1007/s00535-017-1369-3.
2. Taki M, Oshima T, Tozawa K, Taniguchi Y, Tomita T, Ohda Y, Fukui H, Watari J, Miwa H. Analysis of risk factors for colonic diverticular bleeding and recurrence. *Medicine (Baltimore).* 2017 Sep;96(38):e8090. doi: 10.1097/MD.0000000000008090.
3. Tominaga K, Sakata Y, Kusunoki H, Odaka T, Sakurai K, Kawamura O, Nagahara A, Takeuchi T, Fujikawa Y, Oshima T, Kato M, Furuta T, Murakami K, Chiba T, Miwa H, Kinoshita Y, Higuchi K, Kusano M, Iwakiri R, Fujimoto K, Tack JF, Arakawa T. Rikkunshito simultaneously improves dyspepsia correlated with anxiety in patients with functional dyspepsia: A randomized clinical trial (the DREAM study). *Neurogastroenterol Motil.* 2018 Jul;30(7):e13319.
4. Wu L, Oshima T, Li M, Tomita T, Fukui H, Watari J, Miwa H. Filaggrin and tight junction proteins are crucial for IL-13-mediated esophageal barrier dysfunction. *Am J Physiol Gastrointest Liver Physiol* 2018 Sep 1;315(3):G341-G350. doi: 10.1152/ajpgi.00404.2017. Epub 2018 May 10.
5. Oshima T, Arai E, Taki M, Kondo T, Tomita T, Fukui H, Watari J, Miwa H. Randomised clinical trial: vonoprazan versus lansoprazole for the initial relief of heartburn in patients with erosive oesophagitis. *Aliment Pharmacol Ther.* 2019 Jan;49(2):140-146. doi: 10.1111/apt.15062.
6. Horikawa T, Oshima T, Li M, Kitayama Y, Eda H, Nakamura K, Tamura A, Ogawa T, Yamasaki T, Okugawa T, Kondo T, Kono T, Tozawa K, Tomita T, Fukui H, Watari J, Miwa H. Chenodeoxycholic Acid Releases Proinflammatory Cytokines from Small Intestinal Epithelial Cells Through the Farnesoid X Receptor. *Digestion.* 2019 Mar 7:1-9. doi: 10.1159/000496687.
7. Taki M, Oshima T, Li M, Sei H, Tozawa K, Tomita T, Fukui H, Watari J, Miwa H. Duodenal low-grade

inflammation and expression of tight junction proteins in functional dyspepsia. *Neurogastroenterol Motil.* 2019 Oct;31(10):e13576. doi: 10.1111/nmo.13576. Epub 2019 Feb 20.

8. Li M, Oshima T, Ito C, Yamada M, Tomita T, Fukui H, Miwa H. Glutamine Blocks Interleukin-13-Induced Intestinal Epithelial Barrier Dysfunction. *Digestion.* 2019 Sep 18:1-10. doi: 10.1159/000502953. [Epub ahead of print]
9. Nishii N, Oshima T, Li M, Eda H, Nakamura K, Tamura A, Ogawa T, Yamasaki T, Kondo T, Kono T, Tozawa K, Tomita T, Fukui H, Miwa H. Lubiprostone Induces Claudin-1 and Protects Intestinal Barrier Function. *Pharmacology.* 2019 Sep 19:1-7. doi: 10.1159/000503054. [Epub ahead of print]