



# Seoul International Digestive Disease Symposium 2024

In Conjunction with the Annual Meeting of the Korean Society of Gastroenterology

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“Pioneering the future of digestive diseases”



SIDDS 2024

<b>Name</b>	Yoshio Yamaoka
<b>Affiliation</b>	Oita University
<b>Country</b>	Japan
<b>Major Field</b>	Helicobacter-related diseases

## Educational Background

1979-1983 B.S. Resource Technology,	Kyoto University, Japan
1984-1990 M.D. Medicine,	Kyoto Prefectural University of Medicine, Japan
1993-1997 Ph.D. Medicine,	Kyoto Prefectural University of Medicine, Japan
1997-2000 Research Associate	Baylor College of Medicine, USA

## Professional Experience

1990-1991	Resident	Kyoto Prefectural University of Medicine, Japan
1991-1993	Medical Staff;	Otsu Municipal Hospital, Japan
2001	Instructor	Department of Medicine-Gastroenterology and Hepatology section(DMGH), Baylor College of Medicine, USA
2002-2004	Assistant Professor	DMGH, Baylor College of Medicine, USA
2004-2011	Associate Professor	DMGH, Baylor College of Medicine,
2009-present	Professor and Chair	Department of Environmental and Preventive Medicine, Oita University Faculty of Medicine, Japan
2011-present	Professor	DMGH, Baylor College of Medicine, USA
2019-2021	Dean	Oita University Faculty of Medicine, Japan
2021-2023	Trustee	Oita University, Japan
2023-Present	Vice President	Oita University, Japan
2006	Visiting Professor,	Shaheed Beheshti of Medical University, Iran
2008-2009	Visiting Clinical Professor,	Hokkaido University Hospital, Japan
2015-Present	Visiting Professor,	Mongolian National University of Medical Sciences, Mongolia
2016-present	Adjunct Professor,	Airlangga University, Indonesia
2019-present	Bualuang ASEAN Chair Professor,	Thammasat University, Thailand
2019-present	Visiting Professor,	University of Malaysia Sabah, Malaysia
2023-present	Emeritus professor,	Mongolian National University of Medical Sciences, Mongolia

## Main Scientific Publications

1. Tshibangu-Kabamba E, **Yamaoka Y**. *Helicobacter pylori* infection and antibiotic resistance - from biology to clinical implications. *Nature Rev Gastroenterol Hepatol*. 2021;18(9):613-629.
2. Gantuya B, El Serag HB, Matsumoto T, Ajami NJ, Uchida T, Oyuntsetseg K, Bolor D, **Yamaoka Y**. Gastric mucosal microbiota in a Mongolian population with gastric cancer and precursor conditions. *Aliment Pharmacol Ther*. 2020;51(8):770-780.
3. Kuo YT, Liou JM, El-Omar EM, Wu JY, Leow AHR, Goh KL, Das R, Lu H, Lin JT, Tu YK, **Yamaoka Y\***, Wu MS\* (\*: co-corresponding author); Asian Pacific Alliance on *Helicobacter* and Microbiota. Primary antibiotic resistance in *Helicobacter pylori* in the Asia-Pacific



4. region: a systematic review and meta-analysis. *Lancet Gastroenterol Hepatol.* 2(10):707-715, 2017.
5. **Yamaoka Y.** Mechanisms of disease: *Helicobacter pylori* virulence factors. *Nature Rev Gastroenterol Hepatol.* 7: 629-641, 2010.
6. Moodley Y\*, Linz B\*, **Yamaoka Y\***, Windsor HM, Breurec S, Wu JY, Maady A, Bernhöft S, Thiberge JM, Phuanukoonnon S, Jobb G, Siba P, Graham DY, Marshall BJ, Achtman M. The peopling of the Pacific from a bacterial perspective. *Science.* 323: 527-530, 2009. (\*: Co-First author)
7. Lu H, Hsu PI, Graham DY, **Yamaoka Y.** Novel duodenal ulcer promoting (*dupA*) gene of *Helicobacter pylori*. *Gastroenterology* 128: 833-848, 2005.
8. Linz B, Balloux F, Moodley Y, Manica A, Liu H, Roumagnac P, Falush D, Stamer C, Prugnolle F, van der Merwe SW, **Yamaoka Y,** Graham DY, Prez-Trallero E, Wadstrom T, Suerbaum S, Achtman M. An African origin for the intimate association between humans and *Helicobacter pylori*. *Nature.* 445: 915-918, 2007.
9. Falush D, Wirth T, Linz B, Pritchard JK, Stephens M, Kidd M, Blaser MJ, Graham DY, Vacher S, Perez-Perez GI, **Yamaoka Y,** Mégraud F, Otto K, Reichard U, Katzowitsch E, Wang X, Achtman M, Suerbaum S. Traces of human migrations in *Helicobacter pylori* populations. *Science* 299: 1582-1585, 2003. **Yamaoka Y,** Kwon DH, Graham DY. A Mr 34,000 proinflammatory outer membrane protein (*oipA*) of *Helicobacter pylori*. *Proc Natl Acad Sci USA* 97: 7533-7538, 2000.
10. **Yamaoka Y,** Kodama T, Gutierrez O, Kim JG, Kashima K, Graham DY. Relationship between *Helicobacter pylori* *iceA*, *cagA*, and *vacA* status and clinical outcome: studies in four different countries. *J Clin Microbiol* 37: 2274-2279, 1999.
11. **Yamaoka Y,** Kita M, Kodama T, Sawai N, Imanishi J. *Helicobacter pylori* *cagA* gene and expression of cytokine messenger RNA in gastric mucosa. *Gastroenterology* 110: 1744-1752, 1996.