



Curriculum Vitae

Personal Information

Title	Dr.	
Name	Alex Hwong-Ruey Leow	
Degree	MB, BCh, BAO, M.Med	
Country	Malaysia	
Affiliation	Pantai Hospital Kuala Lumpur, Universiti Malaya Medical Centre	

Educational Background

- Bachelor of Biomedical Science (Hons)(MALAYA) 1995-1999
- MB,BCh,BAO (Hons), LRCPI&LRCSI (National University of Ireland) 1999-2004
- M. Med (Internal Medicine) (MALAYA) 2008-2012

Professional Experience

- House Officer, Hospital Kuala Lumpur 2004-2005
- Medical Officer, Institute of Respiratory Medicine, Hospital Kuala Lumpur. 2005-2008
- Medical Officer, Department of Medicine, Hospital Kuala Lumpur 2008-2010
- Medical Officer, Department of Medicine, University of Malaya Medical Centre 2010-2012
- Clinical Specialist (Gastroenterology), University of Malaya Medical Centre 28 June 2012-2015
- Consultant Physician, Gastroenterology and Hepatology, University of Malaya Medical Centre. 2015-2019
- Associate Professor of Medicine, University of Malaya 2016-2019
- Honorary Consultant Gastroenterologist and Hepatologist, Universiti Malaya Medical Centre. 2019-present
- Consultant Gastroenterologist and Hepatologist, Pantai Hospital Kuala Lumpur, Kuala Lumpur, Malaysia. 2019-present

Professional Organizations

Malaysian Society of Gastroenterology & Hepatology (Committee Member) 2017-present
 APDW 2021 Organising Committee (Secretary General) 2018-2021
 Chairman, IBD Special Interest Group, Malaysian Society of Gastroenterology and Hepatology. 2018-present

Main Scientific Publications

- Chuah KH, Yim CCW, Abdul Aziz NA, Loh EC, Capelle DP, Shahrizaila N, **Leow AHR**. **Percutaneous endoscopic gastrostomy using the introducer method with ultra-slim endoscopy in amyotrophic lateral sclerosis patients with respiratory compromise: A safe technique.** J Gastroenterol Hepatol. 2022 Jul;37(7):1367-1372. doi: 10.1111/jgh.15870. Epub 2022 Apr 25. PMID: 35470471.
- Khoo XH, Wong SY, Ibrahim NRW, Ng RT, Chew KS, Lee WS, Wong ZQ, Raja Ali RA, Shahrani S, **Leow AH**, Hilmie IN. **Nudix Hydroxylase 15 Mutations Strongly Predict Thiopurine-Induced Leukopenia Across Different Asian Ethnicities: Implications for Screening in a Diverse Population.** Front Med (Lausanne). 2022 Aug 5;9:880937. doi: 10.3389/fmed.2022.880937.
- Nik Muhamad Affendi NA, Ravindran S, Siam TS, **Leow AH**, Hilmie I. **Jaundice in a Primary Sclerosing Cholangitis Patient: A New Cause in a New Era.** Inflamm Bowel Dis. Oct 15 2021;doi:10.1093/ibd/izab250

- Leow AH, Mahadeva S. **Telemedicine in routine gastroenterology practice: A boost during the COVID-19 pandemic.** *JGH Open*. May 2021;5(5):533-534. doi:10.1002/jgh3.12545
- Abdul Aziz NA, Toh TH, Goh KJ, Loh, E. C., Capelle, D. P. Abdul Latif, L., **Leow, A. H.**, Yim, C. C. Zainal, Abidin, M. F. Ruslan, S. R. Shahrizaila, N. **Natural history and clinical features of ALS in Malaysia.** *Amyotroph Lateral Scler Frontotemporal Degener*. Feb 2021;22(1-2):108-116. doi:10.1080/21678421.2020.1832121
- Liou JM, Malfertheiner P, Lee YC, et al. **Screening and eradication of Helicobacter pylori for gastric cancer prevention: the Taipei global consensus.** *Gut*. Dec 2020;69(12):2093-2112. doi:10.1136/gutjnl-2020-322368
- Khean-Lee Goh JC, Alex HR Leow. **High-dose proton pump inhibitor and amoxicillin dual therapy with or without bismuth for 14 days as rescue therapies after Helicobacter pylori treatment failure.** *J Dig Dis*. 2020;Voumne 21(10):566-570. doi:10.1111/1751-2980.12929
- **Hwong-Ruey Leow A**, Chang JV, Goh KL. Searching for an optimal therapy for H pylori eradication: High-dose proton-pump inhibitor dual therapy with amoxicillin vs. standard triple therapy for 14 days. *Helicobacter*. Oct 2020;25(5):e12723. doi:10.1111/hel.12723
- Chua EG, Loke MF, Gunaleetchumy SP, Gan HM, Thevakumar K, Tay CY, Young S, Aye TT, Maw WW, Aye MM, **Leow AH**, Azmi AN, Kalimuthu SG, Dahlan HMABD, Goh KL, Vadivelu J. **The Influence of Modernization and Disease on the Gastric Microbiome of Orang Asli, Myanmars and Modern Malaysians.** *Microorganisms*. 2019 Jun 14;7(6). pii: E174.
- Ram M R, Teh X, Rajakumar T, Goh KL, **Leow AHR**, Poh BH, Mariappan V, Shankar EM, Loke MF, Vadivelu J. **Polymorphisms in the host CYP2C19 gene and antibiotic-resistance attributes of Helicobacter pylori isolates influence the outcome of triple therapy.** *J Antimicrob Chemother*. 2019 Jan 1;74(1):11-16. doi: 10.1093/jac/dky401.
- Leow AH, Azmi AN, Loke MF, Vadivelu J, Graham DY, Goh KL. **Optimizing first line 7-day standard triple therapy for Helicobacter pylori eradication: Prolonging treatment or adding bismuth: which is better?** *J Dig Dis*. 2018 Oct 11. doi: 10.1111/1751-2980.12679.
- Ram M R, Teh X, Rajakumar T, Goh KL, **Leow AHR**, Poh BH, Mariappan V, Shankar EM, Loke MF, Vadivelu J. **Polymorphisms in the host CYP2C19 gene and antibiotic-resistance attributes of Helicobacter pylori isolates influence the outcome of triple therapy.** *J Antimicrob Chemother*. 2018 Nov 6. doi: 10.1093/jac/dky401.
- Shipra Suman, Fawnizu Azmadi Hussin, Aamir Saeed Malik, Shiaw Hooi Ho, Ida Hilmi, **Alex Hwong-Ruey Leow**, Khean-Lee Goh; **Feature Selection and Classification of Ulcerated Lesions Using Statistical Analysis for WCE Images.** *Appl. Sci.* 2017, 7(10), 1097; doi:10.3390/app7101097
- 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; **Asian Pacific Alliance on Helicobacter and Microbiota. Primary antibiotic resistance in Helicobacter pylori in the Asia-Pacific region: a systematic review and meta-analysis.** *Lancet Gastroenterol Hepatol*. 2017 Aug 3. pii: S2468-1253(17)30219-4
- Varocha Mahachai, Ratha-korn Vilaichone, Rapat Pittayanon, Jarin Rojborwonwitaya, Somchai Leelakusolvong, Monthira Maneerattanaporn, Peranart Chotivitayatarakorn, Sombat Treeprasertsuk, Chomsri Kositchaiwat, Pises Pisespongso, Pisaln Mairiang, Aziz Rani, **Alex Leow**, Swe Mon Mya, Yi-Chia Lee, et al. **H. pylori Management in ASEAN: the Bangkok Consensus Report.** *J Gastroenterol Hepatol*. 2017 Jul 31.doi: 10.1111/jgh.13911.
- Yap TW, **Leow AH**, Azmi A, Callahan DL, Perez-perez GI, Loke M, Goh K and Vadivelu J(2017) **GLOBAL FECAL AND PLASMA METABOLIC DYNAMICS RELATED TO Helicobacter pylori ERADICATION.** *Front. Microbiol*. 8:536. doi:10.3389/fmicb.2017.00536
- Aimi Hanafi, Woon Ching Lee, Mun Fai Loke, Xinsheng Teh, Ain Shaari, Mojdeh Dinarvand, Philippe Lehours, Francis Mégraud, **Alex Hwong Ruey Leow**, Jamuna Vadivelu, Khean Lee Goh. **Molecular and proteomic analysis of levofloxacin and metronidazole resistant Helicobacter pylori.** *Front Microbiol*. 2016; 7: 2015.
- Thevakumar K, Chandren JR, Perez-Perez GI, Chua EG, Teh LK, Salleh MZ, Tan JA, **Leow AH**, Goh KL, Tay AC, Marshall BJ, Vadivelu J, Loke MF, Wong LP. **Assessment of Risk and Sero-Prevalence of Helicobacter pylori Colonization among**



Remote Orang Asli Tribes in Peninsula Malaysia. PLoS One. 2016 Jul 21;11(7): e0159830.

- **AHR Leow, YY Lim, WC Liew, KL Goh. Time trends in upper gastrointestinal diseases and Helicobacter pylori infection in a multiracial Asian population- a 20-year experience over three time periods.** Alimentary pharmacology & therapeutics 2016 Apr;43(7):831-7.
- Theresa Wan-Chen Yap, Han-Ming Gan, Yin-Peng Lee, **Alex Hwong-Ruey Leow**, Ahmad Najib Azmi, Fritz Francois, Guillermo I Perez-Perez, Mun-Fai Loke, Khean-Lee Goh, Jamuna Vadivelu. **Helicobacter pylori Eradication Causes Perturbation of the Human Gut Microbiome in Young Adults.** PLoS One. 2016 Mar 18;11(3):e0151893
- Ravishankar Ram M, Goh KL, **Leow AH**, Poh BH, Loke MF, Harrison R, Shankar EM, Vadivelu J. **Polymorphisms at Locus 4p14 of Toll-Like Receptors TLR-1 and TLR-10 Confer Susceptibility to Gastric Carcinoma in Helicobacter pylori Infection.** PLoS One. 2015 Nov 11;10(11):e0141865.
- Yap TW, **Leow AH**, Azmi AN, Francois F, Perez-Perez GI, Blaser MJ, Poh BH, Loke MF, Goh KL, Vadivelu J. **Changes in Metabolic Hormones in Malaysian Young Adults following Helicobacter pylori Eradication.** PLoS One. 2015 Aug 20;10(8):e0135771. doi: 10.1371/journal.pone.0135771. eCollection 2015.
- Yap TW, Chan WK, **Leow AH**, Azmi AN, Loke MF, Vadivelu J, Goh KL. **Prevalence of serum celiac antibodies in a multiracial asian population-a first study in the young asian adult population of malaysian.** PLoS One. 2015 Mar 23;10(3):e0121908. doi: 10.1371/journal.pone.0121908.
- **Leow HR**, Ching SM, Sujarita R, Yap CF, Chia YC, Ho SH, Sithambaram S, Tan HJ, Goh KL, Mahadeva S.: **Mandarin Version of the Leeds Dyspepsia Questionnaire - A Valid Instrument for Assessing Symptoms in Asians.** J Dig Dis. 2014 Aug 20. doi: 10.1111/1751-2980.12183.
- Teh X, Khosravi Y, Lee WC, **Leow AH**, Loke MF, Vadivelu J, Goh KL. **Functional and molecular surveillance of Helicobacter pylori antibiotic resistance in Kuala Lumpur.** PLoS One. 2014 Jul 8;9(7):e101481. doi: 10.1371/journal.pone.0101481. eCollection 2014.
- Goh LY, **Leow AH**, Goh KL. **Observations on the epidemiology of gastrointestinal and liver cancers in the Asian-Pacific region.** J Dig Dis. 2014 Jun 3. doi: 10.1111/1751-2980.12164
- Liam CK, **Leow HR**, How SH, Pang YK, Chua KT, Lim BK, Lai NL, Kuan YC, Pailoor J, Rajadurai P. **Epidermal growth factor receptor mutations in non- small cell lung cancers in a multiethnic malaysian patient population.** Asian Pac J Cancer Prev. 2014;15(1):321-6.
- Liam CK, **Leow HR**, Pang YK. **EGFR mutation testing for squamous cell lung carcinoma.** J ThoracOncol. 2013 Dec;8(12):e114.