



SIDDS 2023

Seoul International Digestive Disease Symposium 2023

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

April 8-9, 2023 Hybrid congress



Name	Sun-Ho Lee
Affiliation	Mount Sinai Hospital IBD Centre, University of Toronto
Country	Canada
Major Field	Inflammatory Bowel Disease

Educational Background

2005.3-2011.2 Hallym University College of Medicine – MD
2016.9-2018.8 Ulsan University, College of Medicine – MSc
2019.1-2022.11 University of Toronto, Institution of Medical Science – PhD

Professional Experience

2011.3-2012.2 Intern, Hallym Univ. Sacred Heart Hospital
2012.3-2016.2 Internal Medicine Resident, Hallym Univ. Sacred Heart Hospital
2016.3-2018.6 Gastroenterology Fellow, Asan Medical Center
2018.9-2023.1 Advanced IBD Fellow, Mount Sinai Hospital, University of Toronto
2023.2-present Assistant Professor, Clinician Scientist, Mount Sinai Hospital, University of Toronto

Other Experience and Professional Memberships

Korean Medical License
- Issued on Feb 24, 2011 by Minister of Health and Welfare Republic of Korea
Korean Board of Internal Medical
- Issued on Feb 24, 2011 by Minister of Health and Welfare Republic of Korea
Korean Gastrointestinal Endoscopy Specialty Certification
- Issued on Aug 1, 2017 by The Korean Society of Gastrointestinal Endoscopy
Korean Subspecialty Board of Gastroenterology
- Issued on Oct 15, 2018 by The Korean Association of Internal Medicine
College and Physicians and Surgeons of Ontario

Main Scientific Publications

1. Altered gut microbiome composition and function are associated with gut barrier dysfunction in healthy relatives of patients with Crohn's disease.
Haim Leibovitzh, Sun-Ho Lee, Mingyue Xue, Juan Antonio Raygoza Garay, Cristian Hernandez-Rocha, Karen Madsen, Jonathan Meddings, David Guttman, Osvaldo Espin-Garcia, Michelle Smith, Ashleigh Goethel, Anne M. Griffiths, Paul Moayyedi, A. Hillary Steinhart, Remo Panacione, Hien Q. Huynh, Kevan Jacobson, Guy Aumais, David Mack, Maria Abreu, Charles Bernstein, John Marshall, Dan Turner, Wei Xu, Williams Turpin, Kenneth Croitoru, The CCC GEM Project Research Consortium.
Gastroenterology 2022 July 15 (In Press)

2. Mediterranean-like dietary pattern associations with gut microbiome composition and sub-clinical gastrointestinal inflammation.
Williams Turpin, Mei Dong, Gila Sasson, Juan Antonio Raygoza Garay, Osvaldo Espin-Garcia, Sun-Ho Lee, Anna Neustaeter, Michelle I. Smith, Haim Leibovitzh, David Guttman, Ashleigh Goethel, Anne M. Griffiths, Hien Q. Huynh, Levinus Dieleman, Remo Panaccione, A. Hillary



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Steinhart, Mark S. Silverberg, Guy Aumais, Kevan Jacobson, David Mack, Sanjay Murthy, John K. Marshall, Charles N. Bernstein, Maria T. Abreu, Paul Moayyedi, Andrew D. Paterson, Wei Xu, Kenneth Croitoru, The CCC GEM Project Research Consortium.

Gastroenterology 2022 May 25 (In Press)

3. Fecal S100A12 is associated with future hospitalization and step-up of medical treatment in patients with Crohn's disease in clinical remission: A pilot study.

Sun-Ho Lee, Bo Sun Kim, Kiju Chang, Eun Mi Song, Sung Wook Hwang, Sang Hyoung Park, Dong-Hoon Yang, Jeong-Sik Byeon, Seung-Jae Myung, Suk-Kyun Yang, Byong Duk Ye.

Intestinal Research 2022 Apr;20(2):203-212

4. Anti-microbial antibody response is associated with future onset of Crohn's disease independent of biomarkers of altered gut barrier function, subclinical inflammation, and genetic risk.

Sun-Ho Lee*, Williams Turpin*, Osvaldo Espin-Garcia*, Juan Antonio Raygoza Garay, Haim Leibovitzh, Ashleigh Goethel, Michelle I. Smith, Dan Turner, David Mack, Colette Deslandres, Maria Cino, Guy Aumais, Remo Panacione, Kevan Jacobson, Alain Bitton, A. Hillary Steinhart, Hien Q. Huynh, Fred Princen, Paul Moayyedi, Anne M. Griffiths, Mark S. Silverberg, Andrew D. Paterson, The CCC GEM Project Research Consortium, Wei Xu, and Kenneth Croitoru.

Gastroenterology 2021 Nov;161(5):1540-1551

5. Early Changes in Serum Albumin Predict Clinical and Endoscopic Outcomes in Patients With Ulcerative Colitis Starting Anti-TNF Treatment.

Sun-Ho Lee, M. Walshe, EH Oh, SW Hwang, SH Park, DH Yang, JS Byeon, SJ Myung, SK Yang, T Greener, AV Weizman, MS Silverberg, BD Ye.

Inflammatory Bowel Disease 2021 Aug 19;27(9):1452-1461

6. Increased Intestinal Permeability is Associated with Later Development of Crohn's Disease.

Williams Turpin*, Sun-Ho Lee*, Juan Antonio Raygoza Garay, Karen L Madsen, Jonathan B Meddings, Larbi Bedrani, Namita Power, Osvaldo Espin-Garcia, Wei Xu, Michelle I Smith, Anne M Griffiths, Paul Moayyedi, Dan Turner, Ernest G Seidman, Hillary A Steinhart, John K Marshall, Kevan Jacobson, David Mack, Hien Huynh, Charles N Bernstein, Andrew D Paterson, Kenneth Croitoru, CCC GEM Project Research Consortium.

Gastroenterology Dec 2020;159(6):2092-2100

7. Associations of NOD2 polymorphisms with Erysipelotrichaceae in stool of in healthy First Degree Relatives of Crohn's Disease subjects.

Williams Turpin, Larbi Bedrani, Osvaldo Espin-Garcia, Wei Xu, Mark S. Silverberg, Michelle I. Smith, Juan Antonio Raygoza Garay, Sun-Ho Lee, David S. Guttman, Anne Griffiths, Paul Moayyedi, Remo Panaccione, Hien Huynh, Hillary A. Steinhart, Guy Aumais, Levinus A. Dieleman, Dan Turner, Andrew D. Paterson, Kenneth Croitoru.

BMC Medical Genetics Oct 2020;15;21(1):204

8. Conducting Translational Gastrointestinal Research in the Era of COVID-19.

Shadi Nayeri, Margaret Walshe, Sun-Ho Lee, Melissa Filice, Joanne Stempak, Michelle I. Smith, Mark S. Silverberg.

Journal of Crohn's and Colitis 2020 Aug 26;jjaa171

9. Changes in prevalence and perception of complementary and alternative medicine use in Korean inflammatory bowel disease patients: results of an 8-year follow-up survey.

Sun-Ho Lee, Kiju Chang, Ke Seok Seo, Yun Kyung Cho, Eun Mi Song, Sung Wook Hwang, Dong-Hoon Yang, Byong Duk Ye, Jeong-Sik Byeon, Seun-Jae Myung, Suk-Kyun Yang, Sang Hyoung Park.



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Intestinal Research April 2020;18(2):192-199

10. Outcomes of ulcerative colitis-associated dysplasia patients referred for potential endoscopic submucosal dissection.

Dong-Hoon Yang, Eun Mi Song, Kiju Chang, Sun-Ho Lee, Sung Wook Hwang, Sang Hyoung Park, Byong Duk Ye, Jeong-Sik Byeon, Seung-Jae Myung, Suk-Kyun Yang. *Journal of Gastroenterology and Hepatology* Sep 2019; [Epub ahead of print]

11. Colonic Pseudo-obstruction With Transition Zone: A Peculiar Eastern Severe Dysmotility.

Eun Mi Song, Jong Wook Kim, Sun-Ho Lee, Kiju Chang, Sung Wook Hwang, Sang Hyoung Park, Dong-Hoon Yang, Kee Wook Jung, Byong Duk Ye, Jeong-Sik Byeon, Suk-Kyun Yang, Hyo Jeong Lee, Chang Sik Y, Chan Wook Kim, Seong Ho Park, Jihun Kim, Seung-Jae Myung. *Journal of Neurogastroenterology and Motility* Jan 2019; 25(1):137-147

12. Increased Risk of Herpes Zoster Infection in Patients With Inflammatory Bowel Disease in Korea.

Kiju Chang, Ho-Su Lee, Ye-Jee Kim, Seon-Ok Kim, Sung-Han Kim, Sun-Ho Lee, Eun Mi Song, Sung Wook Hwang, Sang Hyoung Park, Dong-Hoon Yang, Byong Duk Ye, Jeong-Sik Byeon, Seung-Jae Myung, Suk-Kyun Yang.

Clinical Gastroenterology and Hepatology Dec 2018; 16(12):1928-1936.

13. Clinical Characteristics and long-term prognosis of elderly-onset Crohn's disease.

Eun Mi Song, Nayoung Kim, Sun-Ho Lee, Kiju Chang, Sung Wook Hwang, Dong-Hoon Yang, Jin-Yong Jeong.

Scandinavian Journal of Gastroenterology Apr 2018;53(4):417-425

14. Endoscopic ultrasonography-guided photodynamic therapy for recurrent intraductal papillary mucinous neoplasm of the pancreas.

Sun-Ho Lee, Hoonsub So, Seungwhan Shin, Nah Kyum Lee, Do Hyun Park.

Endoscopy Nov 2017;49(11):1107-1108

15. Fecal calprotectin predicts complete mucosal healing and better correlates with the ulcerative colitis endoscopic index of severity than with the Mayo endoscopic subscore in patients with ulcerative colitis.

Sun-Ho Lee, Min-Ju Kim, Kiju Chang, Eun Mi Song, Sung Wook Hwang, Sang Hyoung Park, Dong-Hoon Yang, Kyung-Jo Kim, Jeong-Sik Byeon, Seung-Jae Myung, Suk-Kyun Yang, Byong Duk Ye.

BMC Gastroenterology Oct 2017;17(1):110

16. Long-Term Outcomes of Adalimumab Treatment in 254 Patients with Crohn's Disease: A Hospital-Based Cohort Study from Korea.

Hyungil Seo, Byong Duk Ye, Eun Mi Song, Sun-Ho Lee, Kiju Chang, Ho-Su Lee, Sung-Wook Hwang, Sang Hyoung Park, Dong-Hoon Yang, Kyung-Jo Kim, Jeong-Sik Byeon, Seung-Jae Myung, Suk-Kyun Yang.

Digestive Disease and Sciences Oct 2017; s10620-017-4715-7