Curriculum Vitae

Name (First Name, Middle Name Last Name)	**Shinya Sugimoto**
Position	**Instructor**
Affiliation	**Division of Gastroenterology and Hepatology, Department of Internal Medicine, Keio University School of Medicine**
Country	**Japan**
Major Field	**Intestinal stem cells; Regenerative medicine; Mucosal healing; Colitis-associated neoplasia**

Education Background

04/2003–03/2009	MD	Keio University School of Medicine, Tokyo, Japan
04/2014–03/2018	PhD	Keio University Graduate School of Medicine, Tokyo, Japan

Professional Experience

04/2009–03/2011	Intern, Yokohama Municipal Citizen's Hospital, Yokohama, Japan
04/2011–03/2012	Specialist trainee, Department of Internal Medicine, Keio University School of Medicine, Tokyo, Japan
04/2012–03/2013	Specialist trainee, Yokohama Municipal Citizen's Hospital, Yokohama, Japan
04/2013–03/2018	Instructor, Division of Gastroenterology and Hepatology, Department of Internal Medicine, Keio University School of Medicine, Tokyo, Japan
04/2015–03/2018	Japan Society for the Promotion of Science (JSPS) Research fellowship for young scientists (DC1)
04/2018–11/2018	Project Instructor, Division of Gastroenterology and Hepatology, Department of Internal Medicine, Keio University School of Medicine, Tokyo, Japan
12/2018–03/2019	Project Instructor, Department of Organoid Medicine, Keio University School of Medicine, Tokyo, Japan
04/2019–03/2022	Instructor, Department of Organoid Medicine, Keio University School of Medicine, Tokyo, Japan
04/2022–present	Instructor, Division of Gastroenterology and Hepatology, Department of Internal Medicine, Keio University School of Medicine, Tokyo, Japan

Professional Organizations

- Councilor (Kanto Branch) of The Japanese Society of Gastroenterology
- Councilor (Kanto Branch) of The Japan Gastroenterological Endoscopy Society

Scientific Publication

1. Sugimoto S, Kobayashi E, Fujii M, Ohta Y, Arai K, Matano M, Ishikawa K, Miyamoto K, Toshimitsu K, Takahashi S, Nanki K, Hakamata Y, Kanai T, Sato T. An organoid-based organ-repurposing approach to treat short bowel syndrome. ***Nature*** 592: 99–104, 2021

2. Sugimoto S, Ohta Y, Fujii M, Matano M, Shimokawa M, Nanki K, Date S, Nishikori S, Nakazato Y, Nakamura T, Kanai T, Sato T. Reconstruction of the Human Colon Epithelium In Vivo. ***Cell Stem Cell*** 22: 171–176.e5, 2018

3. Fujii M, Matano M, Toshimitsu K, Takano A, Mikami Y, Nishikori S, Sugimoto S, Sato T. Human Intestinal Organoids Maintain Self-Renewal Capacity and Cellular Diversity in Niche-Inspired Culture Condition. ***Cell Stem Cell*** 23: 787–793.e6, 2018

4. Fujii M, Sugimoto S, Sato T. Linking human intestinal scaffolds and organoids to combat intestinal failure. ***Nature Medicine*** 26: 1517–1518, 2020
5. Shimokawa M, Ohta Y, Nishikori S, Matano M, Takano A, Fujii M, Date S, Sugimoto S, Kanai T, Sato T. Visualization and targeting of LGR5+ human colon cancer stem cells. ***Nature*** 545: 187–192, 2017
6. Sugimoto S, Iwao Y, Shimoda M, Takabayashi K, Sato T, Kanai T; Keio IBD Collaborators. Epithelium Replacement Contributes to Field Expansion of Squamous Epithelium and Ulcerative Colitis-Associated Neoplasia. ***Gastroenterology*** 162: 334–337.e5, 2022
7. Togasaki K, Sugimoto S, Ohta Y, Nanki K, Matano M, Takahashi S, Fujii M, Kanai T, Sato T. Wnt Signaling Shapes the Histologic Variation in Diffuse Gastric Cancer. ***Gastroenterology*** 160: 823–830, 2021
8. Kawasaki K, Fujii M, Sugimoto S, Ishikawa K, Matano M, Ohta Y, Toshimitsu K, Takahashi S, Hosoe N, Sekine S, Kanai T, Sato T. Chromosome Engineering of Human Colon-Derived Organoids to Develop a Model of Traditional Serrated Adenoma. ***Gastroenterology*** 158: 638–651.e8, 2020
9. Nanki K, Fujii M, Shimokawa M, Matano M, Nishikori S, Date S, Takano A, Toshimitsu K, Ohta Y, Takahashi S, Sugimoto S, Ishimaru K, Kawasaki K, Nagai Y, Ishii R, Yoshida K, Sasaki N, Hibi T, Ishihara S, Kanai T, Sato T. Somatic inflammatory gene mutations in human ulcerative colitis epithelium. ***Nature*** 577: 254–259, 2020
10. Naganuma M, Sugimoto S, Mitsuyama K, Kobayashi T, Yoshimura N, Ohi H, Tanaka S, Andoh A, Ohmiya N, Saigusa K, Yamamoto T, Morohoshi Y, Ichikawa H, Matsuoka K, Hisamatsu T, Watanabe K, Mizuno S, Suda W, Hattori M, Fukuda S, Hirayama A, Abe T, Watanabe M, Hibi T, Suzuki Y, Kanai T; INDIGO Study Group. Efficacy of Indigo Naturalis in a Multicenter Randomized Controlled Trial of Patients with Ulcerative Colitis. ***Gastroenterology*** 154: 935–947, 2018
11. Sugimoto S, Naganuma M, Iwao Y, Matsuoka K, Shimoda M, Mikami S, Mizuno S, Nakazato Y, Nanki K, Inoue N, Ogata H, Kanai T†. Endoscopic morphologic features of ulcerative colitis-associated dysplasia classified according to the SCENIC consensus statement. ***Gastrointestinal Endoscopy*** 85: 639–646.e2, 2017
12. Wakisaka Y, Sugimoto S, Sato T. Organoid Medicine for Inflammatory Bowel Disease. ***Stem Cells*** 40: 123–132, 2022
13. Nanki K, Toshimitsu K, Takano A, Fujii M, Shimokawa M, Ohta Y, Matano M, Seino T, Nishikori S, Ishikawa K, Kawasaki K, Togasaki K, Takahashi S, Sukawa Y, Ishida H, Sugimoto S, Kawakubo H, Kim J, Kitagawa Y, Sekine S, Koo BK, Kanai T, Sato T. Divergent Routes toward Wnt and R-spondin Niche Independency during Human Gastric Carcinogenesis. ***Cell*** 174: 856–869.e17, 2018
14. Kawasaki K, Toshimitsu K, Matano M, Fujita M, Fujii M, Togasaki K, Ebisudani T, Shimokawa M, Takano A, Takahashi S, Ohta Y, Nanki K, Igarashi R, Ishimaru K, Ishida H, Sukawa Y, Sugimoto S, Saito Y, Maejima K, Sasagawa S, Lee H, Kim HG, Ha K, Hamamoto J, Fukunaga K, Maekawa A, Tanabe M, Ishihara S, Hamamoto Y, Yasuda H, Sekine S, Kudo A, Kitagawa Y, Kanai T, Nakagawa H, Sato T†. An Organoid Biobank of Neuroendocrine Neoplasms Enables Genotype-Phenotype Mapping. ***Cell*** 183: 1420–1435.e21, 2020
15. Seino T, Kawasaki S, Shimokawa M, Tamagawa H, Toshimitsu K, Fujii M, Ohta Y, Matano M, Nanki K, Kawasaki K, Takahashi S, Sugimoto S, Iwasaki E, Takagi J, Itoi T, Kitago M, Kitagawa Y, Kanai T, Sato T. Human Pancreatic Tumor Organoids Reveal Loss of Stem Cell Niche Factor Dependence during Disease Progression. ***Cell Stem Cell*** 22: 454–467.e6, 2018

Honors & Awards

04/2022	The Young Scientists' Prize (The Commendation for Science and Technology by the Minister of Education, Culture, Sports, Science and Technology)
01/2022	The Keio Medical Science Rising Star Award (Keio University Medical Science Fund)
11/2021	Young Investigator Award (JDDW2021)
11/2021	Medical Research Encouragement Prize of The Japan Medical Association (The Japan Medical Association)
09/2021	Tatsuji Nomura Award (The Keio Medical Society)
07/2021	JSIBD Travel Award for The 16th Congress of European Crohn's and Colitis Organisation (JSIBD)
03/2021	Young Investigator Award (Basic Section) (The Japanese Society for Regenerative Medicine)
03/2019	Medical Research Encouragement Prize (Tokyo Medical Association)
02/2019	Inoue Research Award for Young Scientists (Inoue Foundation for Science)
06/2018	Young Investigator Award (Keio University School of Medicine Alumni Association)
02/2017	Young Investigator Award (The Japanese Gastroenterological Association)
06/2015	JSIBD Travel Award for The 3rd Annual Meeting of Asian Organization of Crohn's and Colitis (JSIBD)
05/2012	Resident of the Year 2012 (Department of Internal Medicine, Keio University School of Medicine)