



Curriculum Vitae

	Name (First Name, Middle Name Last Name)	Zhanju Liu
	Position	Professor of Medicine, Chair of Department of Gastroenterology
	Affiliation	Shanghai Tenth People's Hospital of Tongji University
	Country	China
	Major Field	Gastroenterology, IBD

Education Background
1983/09 – 1988/07: MD, Henan Medical University, China 1997/01 – 2000/12: PhD, University of Leuven, Belgium
Professional Experience
<p>Dr. Liu has done a lot of basic and clinical research in intestinal mucosal immunology, with specific opportunities in IBD. He has found that several inflammatory molecules (e.g., MCP-1, TOB1, GPR65, TRIM-21) are involved in the pathogenesis of IBD. Targeted therapy directed against these molecules effectively prevents experimental colitis in murine colitis models. Importantly, Dr. Liu observed that abnormal microRNA expression (e.g., miR-10A, miR-301A, miR-31A) in inflamed mucosa of IBD plays an important role in regulating mucosal T cell activation and proliferation. Moreover, Dr. Liu found that CD177⁺ neutrophils negatively regulate mucosal immune response and that microbiota-derived SCFAs maintain intestinal mucosal homeostasis during mucosal inflammation. Consistently, Dr. Liu has performed target immune therapy (e.g., Remicade) in IBD patients and observed that these biologics induce clinical remission and improve mucosal healing through upregulating IL-22 production. The importance of his research work will allow physicians and scientists to better understand the pathogenesis of IBD, but also develop clinical trials to test new therapies.</p>
Professional Organizations
2021.3-present: Board Member of Asian Organization of Crohn and Colitis (AOCC) 2018.9-present: Advisory Board Member of IBD Committee of Chinese Society of Gastroenterology
Scientific Publication
<ol style="list-style-type: none"> Cell Mol Gastroenterol Hepatol, 2022;13(4):1201-21. Gut Microbes, 2021;13(1):1968257. Gastroenterology, 2019;156(8):2281-96. Gastroenterology, 2019;156(4):1098-1111. Nat Commun, 2018;9(1):3555. J Allergy Clin Immunol, 2018;142(4): 1218-28. Gastroenterology, 2018;154(3):637-651. Gut, 2018;67(6):1052-63.

9. Gastroenterology, 2017;152(6):1434-1448.
10. Gut, 2016;65(12):1938-1950.

Honors & Awards

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