



SIDDS 2022

Seoul International Digestive Disease Symposium 2022

In conjunction with the annual meeting of Korean Society of Gastroenterology

April 16-17, 2022 Virtual Congress



Name	Ekihiro Seki, M.D., Ph.D.
Affiliation	Cedars-Sinai Medical Center
Country	U.S.A.
Major Field	Gastroenterology and Hepatology

Educational Background		
1994	M.D.	Hyogo College of Medicine, Nishinomiya, Japan
2002	Ph.D.	Hyogo College of Medicine Graduate School, Nishinomiya, Japan
2004-2007		Postdoctoral Fellow, Columbia University, New York, U.S.A.

Professional Experience	
2007-2011	Assistant Project/Research Scientist, Department of Medicine, University of California San Diego
2011-2014	Assistant Professor, Department of Medicine, University of California San Diego
2014	Associate Professor, Department of Medicine, University of California San Diego
2015-2019	Associate Professor, Department of Medicine, Cedars-Sinai Medical Center, Los Angeles
2020-	Present Professor, Director of Basic Liver Research, Department of Medicine, Cedars-Sinai Medical Center, Los Angeles

Other Experience and Professional Memberships	
Associate Editor, <i>Hepatology Communications</i> (2016-2022)	
Editorial Board Member, <i>Hepatology</i> (2010-2011, 2019-2021, 2022-present); <i>Cellular and Molecular Gastroenterology Hepatology</i> (2016-2020, 2021-2023)	
Memberships: AASLD, AGA, RSoA, ASCI	

Main Scientific Publications	
Seki E , De Minicis S, Osawa Y, Österreicher CH, Brenner DA, Schwabe RF. TLR4 enhances TGF β signaling and hepatic fibrosis. Nature Medicine 2007; 13: 1324-32.	
Seki E , De Minicis S, Gwak GY, Kluwe J, Inokuchi S, Bursill CA, Llovet JM, Brenner DA, Schwabe RF*. CCR1 and CCR5 promote hepatic fibrosis. J Clin Invest 2009; 119: 1858-1870.	
Inokuchi S, Aoyama T, Miura K, Österreicher CH, Kodama Y, Miyai K, Akira S, Brenner DA, Seki E . Disruption of TAK1 in hepatocytes causes hepatic injury, inflammation, fibrosis and carcinogenesis. Proc Natl Acad Sci U S A 2010; 107: 844-849.	
Miura K, Kodama Y, Inokuchi S, Schnabl B, Aoyama T, Ohnishi H, Olefsky JM, Brenner DA, Seki E . Toll-like receptor 9 promotes steatohepatitis by induction of interleukin-1 in mice. Gastroenterology 2010; 139: 323-334.	



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Inokuchi-Shimizu S, Park EJ, Yang L, Roh YS, Zhang B, Song J, Liang S, Pimienta M, Taniguchi K, Wu X, Lagakos WS, Mackey MR, Akira S, Ellisman MH, Sears DD, Olefsky JM, Karin M, Brenner DA, **Seki E**. TAK1-Mediated Autophagy and Fatty Acid Oxidation Prevent Hepatosteatosis and Tumorigenesis. **J Clin Invest**. 2014; 124: 3566-78.

Yang YM, Nouredin M, Liu C, Ohashi K, Kim SY, Ramnath D, Powell EE, Sweet MJ, Roh YS, Hsin IF, Deng N, Liu Z, Liang J, Mena E, Shouhed D, Schwabe RF, Jiang D, Lu SC, Noble PW, **Seki E**. Hyaluronan synthase 2-mediated hyaluronan production mediates Notch1 activation and liver fibrosis. **Sci Transl Med**. 2019 Jun 12;11(496). pii: eaat9284

Wang Q, Kim SY, Matsushita H, Wang Z, Pandeyarajan V, Matsuda M, Ohashi K, Tsuchiya T, Roh YS, Kiani C, Zhao Y, Chan M, Devkota S, Lu SC, Hayashi T, Carson DA, **Seki E**. Oral administration of PEGylated TLR7 ligand ameliorates alcohol-associated liver disease via the induction of IL-22. **Proc Natl Acad Sci U S A** 2021 Jan 5; 118(1) e2020868118.