

A Great Leap for Intestinal Research: 20 YEARS AND BEYOND

Curriculum Vitae

Personal Information	
Title (i.e. Pf., Dr., etc.)	Prof, MD, PhD
Name (First name Middle name Last name)	Silvio Danese
Degree (i.e. MD, Msc, PhD, etc.)	MD, PhD
Country	Italy
Affiliation	University Vita-Salute San Raffaele, Milan, Italy Gastroenterology and Gastrointestinal Endoscopy, IRCCS Hospital San Raffaele, Milan, Italy
	
Educational Background	
Silvio Danese trained in Gastroenterology at Policlinico Gemelli, Rome and graduated as a PhD, working from 2001 to 2004 in Dr. Claudio Fiocchi's laboratory at the Case Western Reserve University, Cleveland, Ohio, USA.	
Professional Experience	
Silvio Danese is a Gastroenterologist and Professor of Gastroenterology at Vita-Salute San Raffaele University and IRCCS San Raffaele Hospital, Milan, Italy, since October 2021, where he is Director of Gastroenterology and Gastrointestinal Endoscopy Unit. Before that, Prof Danese was Head of IBD Centre and ImmunoCentre at IRCCS Humanitas, Rozzano, Milan, Italy, and Professor of Gastroenterology at Humanitas University.	
Professional Organizations	
He is a member of many organizations related to the IBD field, including the European Crohn's and Colitis Organization (ECCO), where he is Past President (2018 - 2020).	

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Main Scientific Publications

1. **Danese S**, de la Motte C, Sturm A, Vogel JD, West GA, Strong SA, Katz JA, Fiocchi C.
Platelets trigger a CD40-dependent inflammatory response in the microvasculature of inflammatory bowel disease patients.
Gastroenterology. 2003 May;124(5):1249-64. Doi: 10.1016/s0016-5085(03)00289-0 (IF 2003: 12,718)
2. **Danese S**, Sans M, Spencer DM, Beck I, Doñate F, Plunkett ML, de la Motte C, Redline R, Shaw DE, Levine AD, Mazar AP, Fiocchi C.
Angiogenesis blockade as a new therapeutic approach to experimental colitis.
Gut. 2007 Jun;56(6):855-62. Epub 2006 Dec 14. Doi: 10.1136/gut.2006.114314 (IF 2007: 10,015)
3. Scaldaferrì F, Sans M, Vetrano S, Graziani C, De Cristofaro R, Gerlitz B, Repici A, Arena V, Malesci A, Panes J, Grinnell BW, **Danese S**.
Crucial role of the protein C pathway in governing microvascular inflammation in inflammatory bowel disease.
J Clin Invest. 2007 Jul;117(7):1951-60. Doi: 10.1172/JCI31027 (IF 2007: 16,915)
4. Vetrano S, Rescigno M, Cera MR, Correale C, Rumio C, Doni A, Fantini M, Sturm A, Borroni E, Repici A, Locati M, Malesci A, Dejana E, **Danese S**.
Unique role of junctional adhesion molecule-a in maintaining mucosal homeostasis in inflammatory bowel disease.
Gastroenterology. 2008 Jul;135(1):173-84. doi: 10.1053/j.gastro.2008.04.002. Epub 2008 Apr 11. (IF 2008: 12,591)
5. Scaldaferrì F, Vetrano S, Sans M, Arena V, Straface G, Stigliano E, Repici A, Sturm A, Malesci A, Panes J, Yla-Herttuala S, Fiocchi C, **Danese S**.
VEGF-A links angiogenesis and inflammation in inflammatory bowel disease pathogenesis.
Gastroenterology. 2009 Feb;136(2):585-95.e5. doi: 10.1053/j.gastro.2008.09.064. Epub 2008 Oct 7. (IF 2009: 12,899)
6. Vetrano S, Borroni EM, Sarukhan A, Savino B, Bonocchi R, Correale C, Arena V, Fantini M, Roncalli M, Malesci A, Mantovani A, Locati M, **Danese S**.
The lymphatic system controls intestinal inflammation and inflammation-associated Colon Cancer through the chemokine decoy receptor D6.
Gut. 2010 Feb;59(2):197-206. doi: 10.1136/gut.2009.183772. Epub 2009 Oct 20. (IF 2010: 10,614)
7. Vetrano S, Ploplis VA, Sala E, Sandoval-Cooper M, Donahue DL, Correale C, Arena V, Spinelli A, Repici A, Malesci A, Castellino FJ, **Danese S**.
Unexpected role of anticoagulant protein C in controlling epithelial barrier integrity and intestinal inflammation.
Proc Natl Acad Sci U S A. 2011 Dec 6;108(49):19830-5. doi: 10.1073/pnas.1107140108. Epub 2011 Nov 22. (IF 2012: 9,737)

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8. **Danese S, Fiocchi C.**
Ulcerative colitis.
N Engl J Med. 2011 Nov 3;365(18):1713-25. doi: 10.1056/NEJMra1102942. Review. (IF 2011: 53,298)
9. Correale C, Genua M, Vetrano S, Mazzini E, Martinoli C, Spinelli A, Arena V, Peyrin- Biroulet L, Caprioli F, Passini N, Panina-Bordignon P, Repici A, Malesci A, Rutella S, Rescigno M, **Danese S.**
Bacterial sensor triggering receptor expressed on myeloid cells-2 regulates the mucosal inflammatory response.
Gastroenterology. 2013 Feb;144(2):346-356.e3. doi: 10.1053/j.gastro.2012.10.040. Epub 2012 Oct 26. (IF 2013: 13,926)
10. D'Alessio S, Correale C, Tacconi C, Gandelli A, Pietrogrande G, Vetrano S, Genua M, Arena V, Spinelli A, Peyrin- Biroulet L, Fiocchi C, **Danese S.**
VEGF-C-dependent stimulation of lymphatic function ameliorates experimental inflammatory bowel disease.
J Clin Invest. 2014 Sep;124(9):3863-78. doi: 10.1172/JCI72189. Epub 2014 Aug 8. (IF 2014: 13,262)
11. **Danese S, Fiorino G, Peyrin-Biroulet L, Lucenteforte E, Virgili G, Moja L, Bonovas S.**
Biological agents for moderately to severely active ulcerative colitis: a systematic review and network meta-analysis.
Ann Intern Med. 2014 May 20;160(10):704-11. doi: 10.7326/M13-2403. Review. (IF 2014: 17,81)
12. **Danese S, Rudziaski J, Brandt W, Dupas JL, Peyrin-Biroulet L, Bouhnik Y, Kleczkowski D, Uebel P, Lukas M, Knutsson M, Erlandsson F, Hansen MB, Keshav S.**
Tralokinumab for moderate- to-severe UC: a randomised, double-blind, placebo-controlled, phase IIa study.
Gut. 2015 Feb;64(2):243-9. doi: 10.1136/gutjnl-2014-308004. Epub 2014 Oct 10. (IF 2015: 14,921)
13. Tacconi C, Correale C, Gandelli A, Spinelli A, Dejana E, D'Alessio S, **Danese S.**
Vascular Endothelial Growth Factor C Disrupts the Endothelial Lymphatic Barrier to Promote Colorectal Cancer Invasion.
Gastroenterology. 2015 Mar 6. doi: 10.1053/j.gastro.2015.03.005. (IF 2015: 18,187)
14. Genua M, D'Alessio S, Cibella J, Gandelli A, Sala E, Correale C, Spinelli A, Arena V, Malesci A, Rutella S, Ploplis VA, Vetrano S, **Danese S.**
The urokinase plasminogen activator receptor (uPAR) controls macrophage phagocytosis in intestinal inflammation.
Gut. 2015 Apr;64(4):589-600. doi: 10.1136/gutjnl-2013-305933. Epub 2014 May 21. (IF 2015: 14,921)
15. Panés J, García-Olmo D, Van Assche G, Colombel JF, Reinisch W, Baumgart DC, Dignass A, Nachury M, Ferrante M, Kazemi-Shirazi L, Grimaud JC, de la Portilla F, Goldin E, Richard MP, Leselbaum A, **Danese S**; ADMIRE CD Study Group Collaborators
Expanded allogeneic adipose-derived mesenchymal stem cells (Cx601) for complex perianal fistulas in Crohn's disease: a phase 3 randomised, double-blind controlled trial.
Lancet. 2016 Sep 24;388(10051):1281-90. doi: 10.1016/S0140-6736(16)31203-X. Epub 2016 Jul 29. (IF 2016: 47,831)

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16. Ungaro F, Tacconi C, Massimino L, Corsetto PA, Correale C, Fonteyne P, Piontini A, Garzarelli V, Calcaterra F, Della Bella S, Spinelli A, Carvello M, Rizzo AM, Vetrano S, Petti L, Fiorino G, Furfaro F, Mavilio D, Maddipati KR, Malesci A, Peyrin-Biroulet L, D'Alessio S, **Danese S**.
MFSD2A Promotes Endothelial Generation of Inflammation-Resolving Lipid Mediators and Reduces Colitis in Mice.
Gastroenterology. 2017 Nov;153(5):1363-1377.e6. doi: 10.1053/j.gastro.2017.07.048. Epub 2017 Aug 4. (IF 2017: 20,773)
17. **Danese S**, Vermeire S, Hellstern P, Panaccione R, Rogler G, Fraser G, Kohn A, Desreumaux P, Leong RW, Comer GM, Cataldi F, Banerjee A, Maguire MK, Li C, Rath N, Beebe J, Schreiber S.
Randomised trial and open-label extension study of an anti-interleukin-6 antibody in Crohn's disease (ANDANTE I and II).
18. Panés J, García-Olmo D, Van Assche G, Colombel JF, Reinisch W, Baumgart DC, Dignass A, Nachury M, Ferrante M, Kazemi-Shirazi L, Grimaud JC, de la Portilla F, Goldin E, Richard MP, Diez MC, Tagarro I, Leselbaum A, **Danese S**; ADMIRE CD Study Group Collaborators.
Long-term Efficacy and Safety of Stem Cell Therapy (Cx601) for Complex Perianal Fistulas in Patients With Crohn's Disease.
Gastroenterology. 2017 Dec 24. doi: 10.1053/j.gastro.2017.12.020. (IF 2017: 20,773)
19. **Danese S**, Bonovas S, Lopez A, Fiorino G, Sandborn WJ, Rubin DT, Kamm MA, Colombel JF, Sands BE, Vermeire S, Panes J, Rogler G, D'Haens G, Peyrin-Biroulet L.
Identification of Endpoints for Development of Antifibrosis Drugs for Treatment of Crohn's Disease.
Gastroenterology. 2018 Jul;155(1):76-87. doi: 10.1053/j.gastro.2018.03.032. Epub 2018 Mar 28. (IF 2018: 19,809)
20. **Danese S**, Neurath MF, Kopoń A, Zakko SF, Simmons TC, Fogel R, Siegel CA, Panaccione R, Zhan X, Usiskin K, Chitkara D. Effects of Apremilast, an Oral Inhibitor of Phosphodiesterase 4, in a Randomized Trial of Patients With Active Ulcerative Colitis.
Clin Gastroenterol Hepatol. 2020 Jan 8. doi: 10.1016/j.cgh.2019.12.032. (IF 2019: 8,549)