



PROF. SILVIO DANESE, M.D. Ph.D.

Born on January 10th, 1975 in Guardiagrele (CH), Italy

Languages: *Italian, English, Spanish*

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EDUCATION AND TRAINING

1999 *Degree in Medicine*, Catholic University School of Medicine, “A. Gemelli” Hospital, Rome, Italy, 110/110 Cum Laude

1993 *High School Diploma in Scientific Studies*, Liceo Scientifico Galileo Galilei, Potenza, 60/60

RESIDENCY PROGRAM

2003 *Residency in Gastroenterology*, Residency Program in Gastroenterology, Catholic University School of Medicine, Rome, Italy, 70/70 Cum Laude

ACADEMIC CAREER

- 2013** *Full Professor of Gastroenterology (Professore Ordinario)*, National Scientific Habilitation, Italy
- 2013** *Full Professor of Internal Medicine (Professore Ordinario)*, National Scientific Habilitation, Italy
- 2004** *PhD in Metabolism*, Catholic University School of Medicine, Rome, Italy
- 2001 – 2002** *Post-doctoral fellowship*, Case Western Reserve University, Cleveland, Ohio, USA
- 2002 – 2004** *Research Associate*, Case Western Reserve University, Cleveland, Ohio, USA

ACADEMIC APPOINTMENTS

- 2021 – present** *Full Professor of Gastroenterology*, Vita-Salute San Raffaele University, Milano, Italy
- 2021 – present** *Director*, Residency Program of Gastroenterology Vita-Salute San Raffaele University, Milano, Italy
- 2015 – 2021** *Full Professor of Gastroenterology*, Humanitas University, Rozzano, Milano, Italy
- 2015 – 2020** *Director*, Residency Program of Gastroenterology, Humanitas University, Rozzano, Milano, Italy
- 2019 – present** *Faculty Member*, PhD Program in MOLECULAR AND EXPERIMENTAL MEDICINE, Humanitas University, Rozzano, Milano, Italy
- 2007 – 2014** *Teacher*, School of Medicine of Università degli Studi di Milano, Milano, Italy

CLINICAL PROFESSIONAL EXPERIENCES

- 2021 – present** *Director*, Gastroenterology and Gastrointestinal Endoscopy Unit Istituto Clinico San Raffaele, Milano

2016 – 2021	Director , Immunocenter, (IBD, Rheumatology, Dermatology) Istituto Clinico Humanitas, Rozzano, Milano
2008 – 2021	Head , IBD Center, Department of Gastroenterology, Istituto Clinico Humanitas, Rozzano, Milano
2006 – 2008	Staff member , Gastroenterology Unit, Department of Gastroenterology, Istituto Clinico Humanitas, Rozzano, Milano

PERSONAL STATEMENT

Prof. Silvio Danese is Director of Gastroenterology and Gastrointestinal Endoscopy Unit at IRCCS San Raffaele Hospital.

Previously, he was Director of the Immunocenter (Rheumatology, Dermatology, IBD and Pneumology), Head of IBD Center and Laboratory at Humanitas Research Hospital.

His team is one of the leading groups internationally recognized in the field of IBD (Crohn's disease and Ulcerative Colitis) with more than 6000 patients followed up per year, of which half with Crohn's disease and half with ulcerative colitis of any grade of severity.

The team is composed by 11 scientists in the Research Lab (3 junior PI, 3 post-doc, 2 PhD students and 3 technicians) working on mechanisms of chronic inflammation and related complications, tissue remodelling and healing, mediators of inflammation and cancer, and from the Clinical Research Staff, composed by 6 clinicians, 8 data manager, 3 nurses, who are involved in all the aspects of patients' care from diagnosis to therapy, with an excellent experience on new molecules still in clinical development. Moreover, the team is well known for the skills regarding early diagnosis, prevention of complications and bowel damage, including new non-invasive techniques to diagnose IBD. In particular, his team is a worldwide-recognized leader in the use of magnetic resonance imaging and small bowel ultrasound for Crohn's disease, and for early treatment strategies with conventional and experimental drugs.

Prof. Danese and his team collaborate in a multidisciplinary setting with IBD dedicated surgeons, psychologists, nutritionists, and radiologists. It is also involved in several international research projects with the top level IBD Centres in Europe and United States.

Prof. Danese is actively involved in the development of innovative pharmaceuticals for Crohn's Disease and Ulcerative Colitis at international level, and in the identification of new Italian and European guidelines for the treatment of IBD.

CLINICAL TRIALS

Principal Investigator in many phase I, II and III international clinical trials in IBD.

In 2020 the IBD Centre of Istituto Clinico Humanitas, led at the time by Professor Danese, was involved in 107 ongoing phase I, II and III international clinical trials.

GRANTS

- Memorial fund C. Lentini for the project “Efficacy and tolerability of antibiotics in patients undergoing H. pylori eradication”. (12.000 Euro) (1999)
- Grant from the Italian Society of Gastroenterology (SIGE) for the project “Study of the activation state of platelets in inflammatory bowel disease” (10.000 Euro) (2000)
- 3 years Research Fellowship Award from the Crohn’s & Colitis Foundation of America, Inc., for the project: “The role of activated platelets in IBD pathogenesis mediated by the CD40/CD40ligand system”. (120.000 US \$) (2002)
- Grant from The Italian Society of Internal Medicine (SIMI) for the project: “Angiogenesis as a therapeutic strategy in animal models of inflammatory bowel disease” (8.000 Euro) (2004)
- Grant from the AMICI foundation of Piemonte (Italian Crohn’s and Colitis Foundation) for the Project: “Angiogenesis in human inflammatory bowel disease” (10.000 Euro) (2004)
- 2 years Grant from the Broad Medical Research Program for the project:” Angiogenesis in Inflammatory bowel disease: the contribution of platelet-endothelial interactions and implications for novel therapeutic approaches” (220.000 US \$) (2005)
- 3 years Grant from the European Community (FRP6) for the project: “Usefulness of a new DNA array (“IBDChip”) to predict clinical course, development of complications, and response to therapy in patients with inflammatory bowel disease (IBD)” (155.000 Euro) (2006)
- IRCCS Grant Coordinator for the project: “The protein C pathway in IBD” (170.000 Euro) (2007)
- Research Grant from the Associazione Italiana Ricerca cancro (AIRC) for the project: “Evaluation of the role of activated platelets in colon cancer growth and angiogenesis” (150.000 Euro) (2007)
- Grant award from the Italian Society of Gastroenterology for the project: The role of VEGF-A in IBD (20.000 Euro) (2007)

- 2 years Grant from the Broad Medical Research Program for the project:” Lymphangiogenesis in Inflammatory bowel disease pathogenesis. (286.000 US \$) (2008)
- Grant from the European Crohn’s and Colitis Organization for the project: The role of Lymphatic system in IBD pathogenesis (15.000 Euro) (2008)
- Grant from Fondazione Cariplo for the project: Stem-cell-endothelial interactions in IBD (225.000 Euro) (2008)
- Grant from the Italian Ministry of Health. Manipulation of the lymphatic system as a novel approach for IBD treatment. (600.000 Euro) (2008)
- 3 years Grant from the the Associazione Italiana Ricerca cancro (AIRC) for the project: The lymphatic system in colitis associated cancer (490.000 Euro) (2009)
- 3 years grant from Fondazione Cariplo for the project: The protein C system in IBD pathogenesis. (450.000 Euro) (2009)
- 5 years grant from European Community on Immune mediate diseases. Work package coordinator. (400.000 Euro) (2011)
- 4 years grant from NIH for the project: The lymphatic system in Inflammatory bowel disease (1.000.000 US \$) (2011)
- 2 years Grant from The Broad Foundation for the project: The role of Triggered Receptor Expressed on Myeloid cell-2 (TREM-2) and intestinal flora in colon cancer development (220.000 Euro) (2012)
- 3 years Grant from AIRC for the project: The role of Triggered Receptor Expressed on Myeloid cell-2 (TREM-2) and intestinal flora in colon cancer development (360.000 Euro) (2013)
- 3 years Grant from the Italian Ministry of Health for the project: New cellular and molecular mechanisms in Colitis-Associated Colorectal Cancer: implications for innovative therapeutic approaches (450.000 Euro) (2013)

- 4 years Grant from Italian Ministry of Health (FIRB-Futuro in Ricerca) for the project: New cellular and molecular mechanisms in Colitis-Associated Colorectal Cancer: implications for innovative therapeutic approaches (448.000 Euro) (2013)
- 2 years Grant from Humanitas Research Hospital for the project: The role of TREM-2 in IBD pathogenesis: implications for novel therapeutic approaches (100.000 Euro) (2014)
- 3 years Grant from AIRC for the project: Role of TRPV-4 in the pathogenesis of Colorectal Cancer (450.000 Euro) (2017)
- 2 years Grant from the Broad Medical Research Program for the project: Resolution of IBD by promoting endogenous lipid-mediated pro-resolving pathways: a novel approach to pathogenesis and therapy (140.800 Euro) (2017)
- Coordinator of a 5 year Grant from the Horizon 2020, H2020-JTI-IMI2-2018-15 IMI, Innovative Medicines Initiative 2 for the ImmUniverse project: Better control and treatment of immune-mediated diseases by exploring the universe of microenvironment imposed tissue signatures and their correlates in liquid biopsies (15,5 millions Euro) (2020)
- Coordinator of a 3 years grant from EURONANOMED III for the project: Gut-targeted RNA-based nanoparticles for fibrostenotic Crohn's Disease: a novel therapeutic approach (1 million Euro) (2020)

Furthermore, members of Prof. Danese's laboratory, including post-doc and junior PI, have been awarded with several national and international grants, for a total of about 4.000.000 €.

PATENT ON NEW DRUGS

ATN-161 for the treatment of Crohn's disease.

ROLES IN SCIENTIFIC SOCIETIES:

Societa' Italiana di Gastroenterologia (SIGE) - **Member**

United European Gastroenterology (UEG) – **UEG Research Committee Chair Elect 2022 – UEG Research Committee Chair 2023-2026**

European Crohn's Colitis Organisation (ECCO) – **Secretary 2011-2015 – President Elect 2016 -2017 - President 2018-2020**

International Organization for the study of Inflammatory Bowel Disease (IOIBD) – **Current Secretary and Chair of the clinical trial task force**

American Gastroenterology Association (AGA) - **Member**

EDITORIAL ROLES

Prof Danese has covered the following Journal tasks:

Associate Editor of *World Journal of Gastroenterology*

Associate Editor of *Gut*

Associate Editor of *Journal of Crohn's and Colitis*

Editorial Board Member of *Current drug target*

Editorial Board Member of *Alimentary Pharmacol & Therapeutics*

Reviewer for Journal of Clinical Investigation, Gastroenterology, J Immunology, Gut, Inflammatory Bowel Disease, J Clin Immunol, Am J Gastroenterology, Am J Physiology, Clin Gastroenterol Hepatol, Eur J Gastroenterol, Dig Liv Dis, Eur J Immunology

AWARDS

- Travel Award for oral communication to the International IBD meeting, Capri 2003 “Platelets contribute to inflammatory bowel disease by releasing RANTES which mediates T- cell adhesion to intestinal microvascular endothelial cells” (2003)
- Travel Award for the poster to the European Congress of Gastroenterology, Prague 2004 “Homocysteine critically contributes to the inflammatory state of intestinal microvasculature in inflammatory bowel disease” (2004)
- Travel Award for oral communication to the American Physiology Association, Immunological and Pathophysiological Mechanisms in Inflammatory Bowel disease, Snowmass, Colorado, USA: “Angiogenesis: a novel component in IBD pathogenesis” (2004)
- Research Recognition Award from the American Physiology Association for the Oral Communication: “Angiogenesis: a novel component in IBD pathogenesis” (2004)

- Designed Member of the Astra Zeneca program:” Emerging Leaders in Gastroenterology” (2004)
- Designed Member for the ASNEMGE Program:” Rising Star in Gastroenterology 2005” (2005)
- Designed Member of the Astra Zeneca program:” Emerging Leaders Alumni in Gastroenterology” (2006)
- UEG Research Prize Award 2019 for the project “The gut virome as a trigger for IBD: from metagenomics to pathogenesis” (100.000 Euro) (2019)

PEER REVIEWED PUBLICATIONS

Publications: n 729 (please, be aware that in PubMed there are some hits duplicates because of corrections due to mistakes in the affiliation of some authors)

Metrics: Total Impact Factor: 6822,836
Citations: 36689 (Scopus); 50622 (Google Scholar)
H index: 95 (Scopus); 110 (Google Scholar)
i-10 index: 516 (Google Scholar)

1. Cremonini F, **Danese S**, Gasbarrini A.
Gender, chronic infection and myocardial infarction.
J Intern Med. 2000 Jan;247(1):156. Doi: 10.1046/j.1365-2796.2000.00635.x (IF 2000: 2,273)
2. Cremonini F, **Danese S**, Carloni E, Zocco MA, Gasbarrini A.
Helicobacter pylori and ischemic heart disease: current evidences.
Eur Rev Med Pharmacol Sci. 1999 Jan-Feb;3(1):1-3. Review. (IF 2009: 0,773)
3. **Danese S**, Zoli A, Cremonini F, Gasbarrini A.
High prevalence of Helicobacter pylori type I virulent strains in patients with systemic sclerosis.
J Rheumatol. 2000 Jun;27(6):1568-9. (IF 2000: 2,91)
4. **Danese S**, Candelli M, Gasbarrini A.

Elevated homocysteine levels in patients with Raynaud's syndrome.

J Rheumatol. 2000 Aug;27(8):2051. (IF 2000: 2,91)

5. Papa A, **Danese S**, Gasbarrini A, Gasbarrini G.

Review article: potential therapeutic applications and mechanisms of action of heparin in inflammatory bowel disease.

Aliment Pharmacol Ther. 2000 Nov;14(11):1403-9. Review. Doi: 10.1046/j.1365-2036.2000.00860.x (IF 2000: 3,489)

6. **Danese S**, Candelli M, Papa A, Gasbarrini A.

Is cytotoxic-associated gene A-positive *Helicobacter pylori* important?

J Clin Gastroenterol. 2001 Jan;32(1):91-2. Doi: 10.1097/00004836-200101000-00022 (IF 2001: 1,116)

7. Gasbarrini A, Anti M, Franceschi F, Armuzzi A, Cotichini R, Ojetti V, Candelli M, Lippi ME, Paolucci M, Cicconi V, Cammarota G, **Danese S**, Silveri NG, Catananti C, Pola P, Stroffolini T, Gasbarrini G.

Prevalence of and risk factors for *Helicobacter pylori* infection among healthcare workers at a teaching hospital in Rome: the Catholic University Epidemiological Study.

Eur J Gastroenterol Hepatol. 2001 Feb;13(2):185-9. Doi: 10.1097/00042737-200102000-00015 (IF 2001: 1,58)

8. Papa A, **Danese S**, Gasbarrini G, Gasbarrini A.

When can unfractionated heparin really be useful in the treatment of ulcerative colitis?

Gastroenterology. 2001 Apr;120(5):1306-7; author reply 1307-8. Doi: 10.1053/gast.2001.23637 (IF 2001: 13,02)

9. **Danese S**, Cremonini F, Armuzzi A, Candelli M, Papa A, Ojetti V, Pastorelli A, Di Caro S, Zannoni G, De Sole P, Gasbarrini G, Gasbarrini A.

Helicobacter pylori CagA-positive strains affect oxygen free radicals generation by gastric mucosa.

Scand J Gastroenterol. 2001 Mar;36(3):247-50. Doi: 10.1080/003655201750074474 (IF 2001: 1,826)

10. Papa A, De Stefano V, **Danese S**, Gasbarrini A, Gasbarrini G.

Thrombotic complications in inflammatory bowel disease: a multifactorial etiology.

Am J Gastroenterol. 2001 Apr;96(4):1301-2. Doi: 10.1111/j.1572-0241.2001.03725.x (IF 2001: 3,549)

11. **Danese S**, Armuzzi A, Romano A, Cremonini F, Candelli M, Franceschi F, Ojetti V, Venuti A, Pola P, Gasbarrini G, Gasbarrini A.
Efficacy and tolerability of antibiotics in patients undergoing H. pylori eradication.
Hepatogastroenterology. 2001 Mar-Apr;48(38):465-7. (IF 2001: 0,886)
12. Ojetti V, Armuzzi A, De Luca A, Nucera E, Franceschi F, Candelli M, Zannoni GF, **Danese S**, Di Caro S, Vastola M, Schiavino D, Gasbarrini G, Patriarca G, Pola P, Gasbarrini A.
Helicobacter pylori infection affects eosinophilic cationic protein in the gastric juice of patients with idiopathic chronic urticaria.
Int Arch Allergy Immunol. 2001 May;125(1):66-72. DOI: 10.1159/000053798 (IF 2001: 2,164)
13. Papa A, De Stefano V, **Danese S**, Chiusolo P, Persichilli S, Casorelli I, Zappacosta B, Giardina B, Gasbarrini A, Leone G, Gasbarrini G.
Hyperhomocysteinemia and prevalence of polymorphisms of homocysteine metabolism-related enzymes in patients with inflammatory bowel disease.
Am J Gastroenterol. 2001 Sep;96(9):2677-82. Doi: 10.1111/j.1572-0241.2001.04127.x (IF2001: 3.549)
14. **Danese S**, De Vitis I, Gasbarrini A.
Severe liver injury associated with zafirlukast.
Ann Intern Med. 2001 Nov 20;135(10):930. Doi: 10.7326/0003-4819-135-10-200111200-00023 (IF 2001: 11,13)
15. **Danese S**, Papa A, Gasbarrini G, Gasbarrini A.
Assessment of prothrombotic risk in patients with Behçet's disease should include homocysteine plasma levels.
J Rheumatol. 2001 Dec;28(12):2764-5. (IF 2001: 2,591)
16. Papa A, **Danese S**, Gasbarrini G, Gasbarrini A.
Genetic and nutritional predictors of hyperhomocysteinemia in inflammatory bowel disease.
Am J Gastroenterol. 2002 Feb;97(2):490-1. Doi: 10.1111/j.1572-0241.2002.05506.x (IF2002: 3,953)
17. Papa A, **Danese S**, Sgambato A, Ardito R, Zannoni G, Rinelli A, Vecchio FM, Gentiloni- Silveri N, Cittadini A, Gasbarrini G, Gasbarrini A.
Role of Helicobacter pylori CagA+ infection in determining oxidative DNA damage in gastric mucosa.

- Scand J Gastroenterol.* 2002 Apr;37(4):409- 13. Doi: 10.1080/003655202317316033 (IF 2002: 1,847)
18. Ojetti V, Pitocco D, Bartolozzi F, **Danese S**, Migneco A, Lupascu A, Pola P, Ghirlanda G, Gasbarrini G, Gasbarrini A.
High rate of helicobacter pylori re-infection in patients affected by type 1 diabetes.
Diabetes Care. 2002 Aug;25(8):1485. Doi: 10.2337/diacare.25.8.1485 (IF 2002: 5,447)
19. **Danese S**, Fiocchi C.
Atherosclerosis and inflammatory bowel disease: sharing a common pathogenic pathway?
Circulation. 2003 Feb 25;107(7):e52. Doi: 10.1161/01.cir.0000055542.47474.a1 (IF 2003: 11,164)
20. Papa A, **Danese S**, Piccirillo N, Toriani-Terenzi C, Bartolozzi F, Piscaglia AC, Grillo A, Leone G, Gentiloni-Silveri N, Gasbarrini G, Gasbarrini A.
Thrombopoietin serum levels in patients with inflammatory bowel disease with and without previous thromboembolic events.
Hepatogastroenterology. 2003 Jan-Feb;50(49):132-5. (IF 2003: 0,837)
21. Bellino R, Arisio R, D'Addato F, Attini R, Durando A, **Danese S**, Bertone E, Griro R, Massobrio M.
Metaplastic breast carcinoma: pathology and clinical outcome.
Anticancer Res. 2003 Jan-Feb;23(1B):669-73. (IF 2003: 1,347)
22. **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)
23. Papa A, **Danese S**, Grillo A, Gasbarrini G, Gasbarrini A.
Review article: inherited thrombophilia in inflammatory bowel disease.
Am J Gastroenterol. 2003 Jun;98(6):1247-51. Review. Doi: 10.1111/j.1572-0241.2003.07491.x (IF 2003: 4,172)
24. Candelli M, Papa A, Nista EC, **Danese S**, Armuzzi A, Bartolozzi F, Tondi P, Ojetti V, Gasbarrini G, Gasbarrini A.
Antibodies to *Saccharomyces cerevisiae*: are they useful in clinical practice?

Hepatogastroenterology. 2003 May-Jun;50(51):718-20. (IF 2003: 0,837)

25. Papa A, **Danese S**, Armuzzi A, Gaetani E, Flex A, Pola P, Gasbarrini A.
Association between K469E allele of intercellular adhesion molecule 1 gene and inflammatory bowel disease in different populations.
Gut. 2003 Aug;52(8):1227-8; author reply 1228. Doi: 10.1136/gut.52.8.1227-b (IF 2003: 5,883)
26. **Danese S**, Katz JA, Saibeni S, Papa A, Gasbarrini A, Vecchi M, Fiocchi C.
Activated platelets are the source of elevated levels of soluble CD40 ligand in the circulation of inflammatory bowel disease patients.
Gut. 2003 Oct;52(10):1435-41. Doi: 10.1136/gut.52.10.1435 (IF 2003: 5.883)
27. Vogel JD, West GA, **Danese S**, De La Motte C, Phillips MH, Strong SA, Willis J, Fiocchi C.
CD40-mediated immune-nonimmune cell interactions induce mucosal fibroblast chemokines leading to T-cell transmigration.
Gastroenterology. 2004 Jan;126(1):63-80. Doi: 10.1053/j.gastro.2003.10.046 (IF 2004: 13,092)
28. **Danese S**, Papa A, Gasbarrini A, Ricci R, Maggiano N.
Helicobacter pylori eradication down-regulates matrix metalloproteinase-9 expression in chronic gastritis and gastric ulcer.
Gastroenterology. 2004 Jan;126(1):369-71. Doi: 10.1053/j.gastro.2003.06.007 (IF 2004: 13,092)
29. **Danese S**, de la Motte C, Reyes BM, Sans M, Levine AD, Fiocchi C.
Cutting edge: T cells trigger CD40-dependent platelet activation and granular RANTES release: a novel pathway for immune response amplification.
J Immunol. 2004 Feb 15;172(4):2011-5. Doi: 10.4049/jimmunol.172.4.2011 (IF 2004: 6,486)
30. **Danese S**, Motte Cd Cde L, Fiocchi C.
Platelets in inflammatory bowel disease: clinical, pathogenic, and therapeutic implications.
Am J Gastroenterol. 2004 May;99(5):938-45. Review. Doi: 10.1111/j.1572-0241.2004.04129.x (IF 2004: 4,716)
31. **Danese S**, Sans M, Fiocchi C.
The CD40/CD40L costimulatory pathway in inflammatory bowel disease.
Gut. 2004 Jul;53(7):1035-43. Review. Doi: 10.1136/gut.2003.026278 (IF 2004: 6,601)
32. **Danese S**, Sans M, Fiocchi C.
Inflammatory bowel disease: the role of environmental factors.

- Autoimmun Rev.* 2004 Jul;3(5):394-400. Review. Doi: 10.1016/j.autrev.2004.03.002 (IF 2005: 3,091)
33. Papa A, Pola R, Flex A, **Danese S**, Armuzzi A, Gaetani E, Guidi L, De Vitis I, Urgesi R, Grillo A, Serricchio M, Proia AS, Fedeli G, Gasbarrini G, Pola P, Gasbarrini A.
Prevalence of the K469E polymorphism of intercellular adhesion molecule 1 gene in Italian patients with inflammatory bowel disease.
Dig Liver Dis. 2004 Aug;36(8):528-32. Doi: 10.1016/j.dld.2004.03.015 (IF 2004: 1,429)
34. **Danese S**, Scaldaferri F, Papa A, Pola R, Gasbarrini A, Sgambato A, Cittadini A.
CD40L- positive platelets induce CD40L expression de novo in endothelial cells: adding a loop to microvascular inflammation.
Arterioscler Thromb Vasc Biol. 2004 Sep;24(9):e162. Doi: 10.1161/01.ATV.0000138073.91195.70 (IF 2004: 7,432)
35. Saibeni S, Bottasso B, Spina L, Bajetta M, **Danese S**, Gasbarrini A, de Franchis R, Vecchi M.
Assessment of thrombin-activatable fibrinolysis inhibitor (TAFI) plasma levels in inflammatory bowel diseases.
Am J Gastroenterol. 2004 Oct;99(10):1966-70. Doi: 10.1111/j.1572-0241.2004.30203.x (IF 2004: 4,716)
36. Sturm A, Leite AZ, **Danese S**, Krivacic KA, West GA, Mohr S, Jacobberger JW, Fiocchi C.
Divergent cell cycle kinetics underlie the distinct functional capacity of mucosal T cells in Crohn's disease and ulcerative colitis.
Gut. 2004 Nov;53(11):1624-31. Doi: 10.1136/gut.2003.033613 (IF 2004: 6,601)
37. **Danese S**, Scaldaferri F, Papa A, Pola R, Sans M, Gasbarrini G, Pola P, Gasbarrini A.
Platelets: new players in the mucosal scenario of inflammatory bowel disease.
Eur Rev Med Pharmacol Sci. 2004 Sep-Oct;8(5):193-8. Review. (IF 2009: 0,773)
38. Papa A, **Danese S**, Urgesi R, Grillo A, Guglielmo S, Roberto I, Semeraro S, Scaldaferri F, Pola R, Flex A, Fedeli G, Gasbarrini G, Pola P, Gasbarrini A.
Intercellular adhesion molecule 1 gene polymorphisms in inflammatory bowel disease.
Eur Rev Med Pharmacol Sci. 2004 Sep- Oct;8(5):187-91. Review. (IF 2004: 0,773)
39. Papa A, Urgesi R, Grillo A, **Danese S**, Guglielmo S, Roberto I, Fedeli G, Gasbarrini A, Gasbarrini G.
Pathophysiology, diagnosis and treatment of non-erosive reflux disease (NERD).

- Minerva Gastroenterol Dietol.* 2004 Sep;50(3):215-26. Review. English, Italian.
40. Ojetti V, Nucera G, Migneco A, Gabrielli M, Lauritano C, **Danese S**, Zocco MA, Nista EC, Cammarota G, De Lorenzo A, Gasbarrini G, Gasbarrini A.
High prevalence of celiac disease in patients with lactose intolerance.
Digestion. 2005;71(2):106-10. Epub 2005 Mar 16. Doi: 10.1159/000084526 (IF 2005: 1,826)
41. **Danese S**, Sgambato A, Papa A, Scaldaferri F, Pola R, Sans M, Lovecchio M, Gasbarrini G, Cittadini A, Gasbarrini A.
Homocysteine triggers mucosal microvascular activation in inflammatory bowel disease.
Am J Gastroenterol. 2005 Apr;100(4):886-95. Doi: 10.1111/j.1572-0241.2005.41469.x (IF 2005: 5,116)
42. **Danese S**, Sans M, Gasbarrini A.
CD40 antisense based strategy for inflammatory bowel disease: shutting down multiple cellular communication systems.
Gut. 2005 Jun;54(6):891-2. (IF 2005: 7,692)
43. **Danese S**, Fiocchi C.
Platelet activation and the CD40/CD40 ligand pathway: mechanisms and implications for human disease.
Crit Rev Immunol. 2005;25(2):103-21. Review. Doi: 10.1615/critrevimmunol.v25.i2.20 (IF 2005: 3,214)
44. Reyes BM, **Danese S**, Sans M, Fiocchi C, Levine AD.
Redox equilibrium in mucosal T cells tunes the intestinal TCR signaling threshold.
J Immunol. 2005 Aug 15;175(4):2158-66. Doi: 10.4049/jimmunol.175.4.2158 (IF 2005: 6,387)
45. **Danese S**, De la Rue SA, Gasbarrini A.
Antibody to alpha4beta7 integrin for ulcerative colitis.
N Engl J Med. 2005 Sep 15;353(11):1180-1; author reply 1180-1. Doi: 10.1056/NEJMc051937 (IF 2005: 44,016)
46. **Danese S**, Semeraro S, Marini M, Roberto I, Armuzzi A, Papa A, Gasbarrini A.
Adhesion molecules in inflammatory bowel disease: therapeutic implications for gut inflammation.
Dig Liver Dis. 2005 Nov;37(11):811-8. Epub 2005 Sep 13. Review. Doi: 10.1016/j.dld.2005.03.013 (IF 2005: 1,818)

47. **Danese S**, Gasbarrini A.
Chemokines in inflammatory bowel disease.
J Clin Pathol. 2005 Oct;58(10):1025-7. Review. Doi: 10.1136/jcp.2005.030916 (IF 2005: 2,17)
48. Papa A, Santoliquido A, **Danese S**, Covino M, Di Campi C, Urgesi R, Grillo A, Guglielmo S, Tondi P, Guidi L, De Vitis I, Fedeli G, Gasbarrini G, Gasbarrini A.
Increased carotid intima-media thickness in patients with inflammatory bowel disease.
Aliment Pharmacol Ther. 2005 Nov 1;22(9):839-46. Doi: 10.1111/j.1365-2036.2005.02657.x (IF 2008: 3,17)
49. Rutella S, Zavala F, **Danese S**, Kared H, Leone G.
Granulocyte colony-stimulating factor: a novel mediator of T cell tolerance.
J Immunol. 2005 Dec 1;175(11):7085-91. Review. Doi: 10.4049/jimmunol.175.11.7085 (IF: 6,387)
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Milano, 29/01/2025

A handwritten signature in black ink, appearing to read 'S. Danese', is located at the bottom left of the page.