

CURRICULUM PROFESSIONALE**INFORMAZIONI PERSONALI**

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ESPERIENZE PROFESSIONALI

Carriera	<p>Dal 2004 Professore Ordinario di Gastroenterologia – Università degli Studi di Padova</p> <p>Dal 1996 al 2004 Professore Associato di Gastroenterologia – Università degli Studi di Padova</p> <p>Novembre 1992 – Aprile 1996 Professore Associato di Gastroenterologia - Università di Messina</p> <p>Agosto 1980 – Ottobre 1992 Ricercatore Universitario confermato presso la Clinica Medica I° dell'Università degli Studi di Padova, e successivamente presso l'Istituto di Medicina Interna, presso la Cattedra di Malattie dell'Apparato Digerente</p> <p>Novembre 1977 – Luglio 1980 Contrattista presso la Clinica Medica I° dell'Università degli Studi di Padova</p> <p>Dal novembre 1974 Contratto quadriennale presso la Clinica Medica dell'Università degli Studi di Padova</p> <p>Gennaio 1974 – Ottobre 1974 Borsa di Studio Ministeriale presso l'Istituto di Patologia Medica dell'Università di Padova</p> <p>Agosto 1972 – Dicembre 1973 Medico interno ed esercitatore presso l'Istituto di Patologia Medica dell'Università di Padova.</p>
Incarichi istituzionali	<p>Dal 2004 al 31.09.2017 Direttore UOC Gastroenterologia – Azienda Ospedaliera di Padova</p> <p>Dal 1 ottobre 2006 al 30 settembre 2009 Direttore del Dipartimento di Scienze Chirurgiche e Gastroenterologiche “Cevese” – Azienda Ospedaliera di Padova</p>

Pubblicazioni

- Barberio B, Sturniolo GC, D'Inca R, Farinati F, Bigotto MA, Ghisa M, Lorenzon G, Savarino E. Efficacy of teduglutide in a patient with Crohn's disease and short bowel syndrome on enteral nutrition: let's start to think out of the box. *Gastroenterol Rep (Oxf)*. 2019 Jul 13;7(6):459-460. doi: 10.1093/gastro/goz030.PMID: 32494364; PMCID: PMC7249530.
- 3 Facchin S, Vitulo N, Calgaro M, Buda A, Romualdi C, Pohl D, Perini B, Lorenzon G, Marinelli C, D'Inca R, Sturniolo GC, Savarino EV. Microbiota changes induced by microencapsulated sodium butyrate in patients with inflammatory bowel disease. *Neurogastroenterol Motil*. 2020 May 31:e13914. doi: 10.1111/nmo.13914. Epub ahead of print. PMID: 32476236.
- Caruso A, Angriman I, Scarpa M, D'Inca R, Mescoli C, Rudatis M, Sturniolo GC, Schifano G, Lacognata C. Diffusion-weighted magnetic resonance for assessing fibrosis in Crohn's disease. *Abdom Radiol (NY)*. 2020 Aug;45(8):2327-2335. doi: 10.1007/s00261-019-02167-0. PMID: 31392397.
- Fiorino G, Sturniolo GC, Bossa F, Cassinotti A, di Sabatino A, Giuffrida P, Danese S. A Phase 2a, Multicenter, Randomized, Double-Blind, Parallel-Group, Placebo-Controlled Trial of IBD98-M Delayed-Release Capsules to Induce Remission in Patients with Active and Mild to Moderate Ulcerative Colitis. *Cells*. 2019 May 30;8(6):523. doi: 10.3390/cells8060523. PMID: 31151306; PMCID: PMC6627752.
- Domènech E, Panés J, Hinojosa J, Annese V, Magro F, Sturniolo GC, Bossa F, Fernández F, González-Conde B, García-Sánchez V, Dignass A, Herrera JM, Cabriada JL, Guardiola J, Vecchi M, Portela F, Ginard D; ATTICA Study Group by the Grupo Español de Trabajo en Enfermedad de Crohn y Colitis Ulcerosa. Corrigendum: Addition of ranulocyte/Monocyte Apheresis to Oral Prednisone for Steroid-dependent Ulcerative Colitis: A Randomized Multicentre Clinical Trial. *J Crohns Colitis*. 2019 May 27;13(6):814. doi: 10.1093/ecco-jcc/jyy211. Erratum for: *J Crohns Colitis*. 2018 May 25;12(6):687-694. PMID: 30951596.
- Banerjee A, Scarpa M, Pathak S, Burra P, Sturniolo GC, Russo FP, Murugesan R, D'Inca R. Inflammatory Bowel Disease Therapies Adversely Affect Fertility in Men- A Systematic Review and Meta-analysis. *Endocr Metab Immune Disord Drug Targets*. 2019;19(7):959-974. doi: 10.2174/1871530319666190313112110. PMID: 30864530.
- Polese L, Bressan A, Savarino E, Vecchiato M, Tuoldo A, Frigo A, Sturniolo GC, De Manzini N, Petri R, Merigliano S. Quality of life after laparoscopic sigmoid resection for uncomplicated diverticular disease. *Int J Colorectal Dis*. 2018 May;33(5):513-523. doi: 10.1007/s00384-018-3005-y. Epub 2018 Mar 10. PMID: 29525902.
- Domènech E, Panés J, Hinojosa J, Annese V, Magro F, Sturniolo GC, Bossa F, Fernández F, González-Conde B, García-Sánchez V, Dignass

A, Herrera JM, Cabriada JL, Guardiola J, Vecchi M, Portela F, Ginard D; ATTICA Study Group by the Grupo Español de Trabajo en Enfermedad de Crohn y Colitis Ulcerosa [listed at the end of the article]. Addition of Granulocyte/Monocyte Apheresis to Oral Prednisone for Steroid-dependent Ulcerative Colitis: A Randomized Multicentre Clinical Trial. *J Crohns Colitis*. 2018 May 25;12(6):687-694. doi: 10.1093/ecco-jcc/jjy023. Erratum in: *J Crohns Colitis*. 2019 May 27;13(6):814. PMID: 29490024.

Merigo F, Brandolese A, Facchin S, Missaggia S, Bernardi P, Boschi F, D'Inca R, Savarino EV, Sbarbati A, Sturniolo GC. Glucose transporter expression in the human colon. *World J Gastroenterol*. 2018 Feb 21;24(7):775-793. doi: 10.3748/wjg.v24.i7.775. PMID: 29467549; PMCID: PMC5807937.

Šimurina M, de Haan N, Vučković F, Kennedy NA, Štambuk J, Falck D, Trbojević-Akmačić I, Clerc F, Razdorov G, Khon A, Latiano A, D'Inca R, Danese S, Targan S, Landers C, Dubinsky M; Inflammatory Bowel Disease Biomarkers Consortium, McGovern DPB, Annese V, Wuhler M, Lauc G. Glycosylation of Immunoglobulin G Associates With Clinical Features of Inflammatory Bowel Diseases. *Gastroenterology*. 2018 Apr;154(5):1320-1333.e10. doi: 10.1053/j.gastro.2018.01.002. Epub 2018 Jan 6. PMID: 29309774; PMCID: PMC5880750.

Tontini GE, Mudter J, Vieth M, Günther C, Milani V, Atreya R, Rath T, Nägel A, Hatem G, Sturniolo GC, Vecchi M, Neurath MF, Galle PR, Buda A, Neumann H. Prediction of clinical outcomes in Crohn's disease by using confocal laser endomicroscopy: results from a prospective multicenter study. *Gastrointest Endosc*. 2018 Jun;87(6):1505-1514.e3. doi: 10.1016/j.gie.2017.10.033. Epub 2017 Nov 3. PMID: 29108979.

Facchin S, Digiglio L, D'Inca R, Casarin E, Dassie E, Dettin M, Zamuner A, Buda A, De Boni M, Della Libera D, D'Urso A, Sturniolo GC, Morpurgo M. Discrimination between ulcerative colitis and Crohn's disease using phage display identified peptides and virus-mimicking synthetic nanoparticles. *Nanomedicine*. 2017 Aug;13(6):2027-2036. doi: 10.1016/j.nano.2017.04.007. Epub 2017 Apr 18. PMID: 28428053.

Moleti M, Sturniolo G, Trimarchi F, Vermiglio F. The changing phenotype of iodine deficiency disorders: a review of thirty-five years of research in north-eastern Sicily. *Ann Ist Super Sanita*. 2016 Oct-Dec;52(4):550-557. doi: 10.4415/ANN_16_04_15. PMID: 27999227.

Nadal E, Burra P, Mescoli C, Albertoni L, Sperti C, Sturniolo GC, Fantin A. Pancreatic melanoma metastasis diagnosed by endoscopic ultrasound-guided SharkCore biopsy. *Endoscopy*. 2016;48 Suppl 1:E208-9. doi: 10.1055/s-0042-109050. Epub 2016 Jun 16. PMID: 27310890.

Rodriguez-Castro KI, Hevia-Urrutia FJ, Sturniolo GC. Wilson's disease: A review of what we have learned. *World J Hepatol.* 2015 Dec 18;7(29):2859-70. doi: 10.4254/wjh.v7.i29.2859. PMID: 26692151; PMCID: PMC4678372.

Heap GA, So K, Weedon M, Edney N, Bewshea C, Singh A, Annese V, Beckly J, Buurman D, Chaudhary R, Cole AT, Cooper SC, Creed T, Cummings F, de Boer NK, D'Inca R, D'Souza R, Daneshmend TK, Delaney M, Dhar A, Direkze N, Dunckley P, Gaya DR, Geary R, Gore S, Halfvarson J, Hart A, Hawkey CJ, Hoentjen F, Iqbal T, Irving P, Lal S, Lawrance I, Lees CW, Lockett M, Mann S, Mansfield J, Mowat C, Mulgrew CJ, Muller F, Murray C, Oram R, Orchard T, Parkes M, Phillips R, Pollok R, Radford-Smith G, Sebastian S, Sen S, Shirazi T, Silverberg M, Solomon L, Sturniolo GC, Thomas M, Tremelling M, Tsianos EV, Watts D, Weaver S, Weersma RK, Wesley E, Holden A, Ahmad T. Clinical Features and HLA Association of 5-Aminosalicylate (5-ASA)-induced Nephrotoxicity in Inflammatory Bowel Disease. *J Crohns Colitis.* 2016 Feb;10(2):149-58. doi: 10.1093/ecco-jcc/jjv219. Epub 2015 Nov 29. Erratum in: *J Crohns Colitis.* 2017 Dec 4;11(12):1509. PMID: 26619893.

Grillo AR, Scarpa M, D'Inca R, Brun P, Scarpa M, Porzionato A, De Caro R, Martines D, Buda A, Angriman I, Palù G, Sturniolo GC, Castagliuolo I. TAK1 is a key modulator of the profibrogenic phenotype of human ileal myofibroblasts in Crohn's disease. *Am J Physiol Gastrointest Liver Physiol.* 2015 Sep 15;309(6):G443-54. doi: 10.1152/ajpgi.00400.2014. Epub 2015 Jul 16. PMID: 26185333.

31: Tolone S, de Cassan C, de Bortoli N, Roman S, Galeazzi F, Salvador R, Marabotto E, Furnari M, Zentilin P, Marchi S, Bardini R, Sturniolo GC, Savarino V, Savarino E. Esophagogastric junction morphology is associated with a positive impedance-pH monitoring in patients with GERD. *Neurogastroenterol Motil.* 2015 Aug;27(8):1175-82. doi: 10.1111/nmo.12606. Epub 2015 May 25. PMID: 26010058.

Pathak S, Grillo AR, Scarpa M, Brun P, D'Inca R, Nai L, Banerjee A, Cavallo D, Barzon L, Palù G, Sturniolo GC, Buda A, Castagliuolo I. MiR-155 modulates the inflammatory phenotype of intestinal myofibroblasts by targeting SOCS1 in ulcerative colitis. *Exp Mol Med.* 2015 May 22;47(5):e164. doi: 10.1038/emm.2015.21. PMID: 25998827; PMCID: PMC4454995.

Scarpa M, Martinato M, Bertin E, Da Roit A, Pozza A, Ruffolo C, D'Inca R, Bardini R, Castoro C, Sturniolo GC, Angriman I. Intestinal Surgery for Crohn's Disease: Role of Preoperative Therapy in Postoperative Outcome. *Dig Surg.* 2015;32(4):243-50. doi: 10.1159/000381885. Epub 2015 May 19. PMID: 25997472.

Banerjee A, Bizzaro D, Burra P, Di Liddo R, Pathak S, Arcidiacono D, Cappon A, Bo P, Conconi MT, Crescenzi M, Pinna CM, Parnigotto PP, Alison MR, Sturniolo GC, D'Inca R, Russo FP. Umbilical cord mesenchymal stem cells modulate dextran sulfate sodium induced

acute colitis in immunodeficient mice. *Stem Cell Res Ther.* 2015 Apr 16;6(1):79. doi: 10.1186/s13287-015-0073-6. PMID: 25890182; PMCID: PMC4455709.

Monteleone G, Neurath MF, Ardizzone S, Di Sabatino A, Fantini MC, Castiglione F, Scribano ML, Armuzzi A, Caprioli F, Sturniolo GC, Rogai F, Vecchi M, Atreya R, Bossa F, Onali S, Fichera M, Corazza GR, Biancone L, Savarino V, Pica R, Orlando A, Pallone F. Mongersen, an oral SMAD7 antisense oligonucleotide, and Crohn's disease. *N Engl J Med.* 2015 Mar 19;372(12):1104-13. doi: 10.1056/NEJMoa1407250. PMID: 25785968.

De Toni L, Di Nisio A, Magagna S, Michielan A, Martinato M, Sturniolo GC, D'Inca R, Foresta C, Garolla A. Altered chemokine signalling in endothelial progenitor cells from acute ulcerative colitis patients. *Gastroenterol Res Pract.* 2015;2015:843980. doi: 10.1155/2015/843980. Epub 2015 Feb 8. PMID: 25737719; PMCID: PMC4337053.

Michielan A, Martinato M, Favarin A, Zanotto V, Caccaro R, Caruso A, Sturniolo GC, D'Inca R. A nurse-led accelerated procedure for infliximab infusion is well tolerated and effective in patients with inflammatory bowel disease. *Dig Liver Dis.* 2015 May;47(5):372-7. doi: 10.1016/j.dld.2015.01.152. Epub 2015 Jan 30. PMID: 25708258.

Sturniolo GC, Lazzarini D, Bartolo O, Berton M, Leonardi A, Fregona IA, Parrozzani R, Midena E. Small fiber peripheral neuropathy in Wilson disease: an in vivo documentation by corneal confocal microscopy. *Invest Ophthalmol Vis Sci.* 2015 Jan 22;56(2):1390-5. doi: 10.1167/iovs.14-15004. PMID: 25613947.

Buda A, Facchin S, Dassie E, Casarin E, Jepson MA, Neumann H, Hatem G, Realdon S, D'Inca R, Sturniolo GC, Morpurgo M. Detection of a fluorescent- labeled avidin-nucleic acid nanoassembly by confocal laser endomicroscopy in the microvasculature of chronically inflamed intestinal mucosa. *Int J Nanomedicine.* 2015 Jan 8;10:399-408. doi: 10.2147/IJN.S70153. PMID: 25609952; PMCID: PMC4294647.

Scarpa M, Brun P, Scarpa M, Morgan S, Porzionato A, Kotsafti A, Bortolami M, Buda A, D'Inca R, Macchi V, Sturniolo GC, Rugge M, Bardini R, Castagliuolo I, Angriman I, Castoro C. CD80-CD28 signaling controls the progression of inflammatory colorectal carcinogenesis. *Oncotarget.* 2015 Aug 21;6(24):20058-69. doi: 10.18632/oncotarget.2780. PMID: 25595911; PMCID: PMC4652987.

De Cassan C, Savarino E, Marson P, Tison T, Hatem G, Sturniolo GC, D'Inca R. Granulo-monocyto apheresis is more effective in mild ulcerative colitis than in moderate to severe disease. *World J Gastroenterol.* 2014 Dec 7;20(45):17155-62. doi: 10.3748/wjg.v20.i45.17155. PMID: 25493030; PMCID: PMC4258586.

De Cassan C, Girardin G, Ponzoni A, Sturniolo GC, Savarino E. Arterial

congestive gastropathy: a new entity? *Endoscopy*. 2014;46 Suppl 1 UCTN:E397-8. doi: 10.1055/s-0034-1377394. Epub 2014 Sep 25. PMID: 25254597.

Heap GA, Weedon MN, Bewshea CM, Singh A, Chen M, Satchwell JB, Vivian JP, So K, Dubois PC, Andrews JM, Annese V, Bampton P, Barnardo M, Bell S, Cole A, Connor SJ, Creed T, Cummings FR, D'Amato M, Daneshmend TK, Fedorak RN, Florin TH, Gaya DR, Greig E, Halfvarson J, Hart A, Irving PM, Jones G, Karban A, Lawrance IC, Lee JC, Lees C, Lev-Tzion R, Lindsay JO, Mansfield J, Mawdsley J, Mazhar Z, Parkes M, Parnell K, Orchard TR, Radford-Smith G, Russell RK, Reffitt D, Satsangi J, Silverberg MS, Sturniolo GC, Tremelling M, Tsianos EV, van Heel DA, Walsh A, Watermeyer G, Weersma RK, Zeissig S, Rossjohn J, Holden AL; International Serious Adverse Events Consortium; IBD Pharmacogenetics Study Group, Ahmad T. HLA-DQA1-HLA-DRB1 variants confer susceptibility to pancreatitis induced by thiopurine immunosuppressants. *Nat Genet*. 2014 Oct;46(10):1131-4. doi: 10.1038/ng.3093. Epub 2014 Sep 14. PMID: 25217962; PMCID: PMC6379053.

Caruso A, D'Inca R, Scarpa M, Manfrin P, Rudatis M, Pozza A, Angriman I, Buda A, Sturniolo GC, Lacognata C. Diffusion-weighted magnetic resonance for assessing ileal Crohn's disease activity. *Inflamm Bowel Dis*. 2014 Sep;20(9):1575-83. doi: 10.1097/MIB.000000000000128. PMID: 25025715.

Caccaro R, D'Inca R, Martinato M, Pont ED, Pathak S, Frigo AC, Sturniolo GC. Fecal lactoferrin and intestinal permeability are effective non-invasive markers in the diagnostic work-up of chronic diarrhea. *Biometals*. 2014 Oct;27(5):1069-76. doi: 10.1007/s10534-014-9745-4. Epub 2014 May 15. PMID: 24831229.

50: Realdon S, Dassi E, Fassan M, Dall'Olmo L, Hatem G, Buda A, Arcidiacono D, Diamantis G, Zhang H, Greene MI, Sturniolo GC, Ruge M, Alberti A, Battaglia G. In vivo molecular imaging of HER2 expression in a rat model of Barrett's esophagus adenocarcinoma. *Dis Esophagus*. 2015 May-Jun;28(4):394-403. doi: 10.1111/dote.12210. Epub 2014 Apr 7. PMID: 24708360.

Cavallaro LG, Monica F, Germanà B, Marin R, Sturniolo GC, Saia M. Time trends and outcome of gastrointestinal bleeding in the Veneto region: a retrospective population based study from 2001 to 2010. *Dig Liver Dis*. 2014 Apr;46(4):313-7. doi: 10.1016/j.dld.2013.11.005. Epub 2013 Dec 22. PMID: 24365335.

Buda A, Hatem G, Neumann H, D'Inca R, Mescoli C, Piselli P, Jackson J, Bruno M, Sturniolo GC. Confocal laser endomicroscopy for prediction of disease relapse in ulcerative colitis: a pilot study. *J Crohns Colitis*. 2014 Apr;8(4):304-11. doi: 10.1016/j.crohns.2013.09.005. Epub 2013 Oct 2. PMID: 24094597.

D'Inca R, Paccagnella M, Cardin R, Pathak S, Baldo V, Giron MC, Sturniolo GC. 5-ASA colonic mucosal concentrations resulting from different pharmaceutical formulations in ulcerative colitis. *World J Gastroenterol*. 2013 Sep 14;19(34):5665-70. doi: 10.3748/wjg.v19.i34.5665. PMID: 24039359; PMCID:PMC3769903.

Brun P, Giron MC, Qesari M, Porzionato A, Caputi V, Zoppellaro C, Banzato S, Grillo AR, Spagnol L, De Caro R, Pizzuti D, Barbieri V, Rosato A, Sturniolo GC, Martines D, Zaninotto G, Palù G, Castagliuolo I. Toll-like receptor 2 regulates intestinal inflammation by controlling integrity of the enteric nervous system. *Gastroenterology*. 2013 Dec;145(6):1323-33. doi: 10.1053/j.gastro.2013.08.047. Epub 2013 Aug 28. PMID: 23994200.

Caccaro R, Savarino E, D'Inca R, Sturniolo GC. Noninfectious interstitial lung disease during infliximab therapy: case report and literature review. *World J Gastroenterol*. 2013 Aug 28;19(32):5377-80. doi: 10.3748/wjg.v19.i32.5377. PMID: 23983443; PMCID: PMC3752574.

Michielan A, Basso D, Martinato M, Pathak S, Banerjee A, Oliva L, Plebani M, Sturniolo GC, D'Inca R. Increased antibody response to microbial antigens in patients with Crohn's disease and their unaffected first-degree relatives. *Dig Liver Dis*. 2013 Nov;45(11):894-8. doi: 10.1016/j.dld.2013.01.017. Epub 2013 Mar 7. PMID: 23477870.

Buda A, De Bona M, Dotti I, Piselli P, Zabeo E, Barbazza R, Bellumat A, Valiante F, Nardon E, Probert CS, Pignatelli M, Stanta G, Sturniolo GC, De Boni M. Prevalence of different subtypes of serrated polyps and risk of synchronous advanced colorectal neoplasia in average-risk population undergoing first-time colonoscopy. *Clin Transl Gastroenterol*. 2012 Jan 5;3(1):e6. doi: 10.1038/ctg.2011.5. PMID: 23238028; PMCID: PMC3365671.

Ludwig K, Fassan M, Mescoli C, Pizzi M, Balistreri M, Albertoni L, Pucciarelli S, Scarpa M, Sturniolo GC, Angriman I, Rugge M. PDCD4/miR-21 dysregulation in inflammatory bowel disease-associated carcinogenesis. *Virchows Arch*. 2013 Jan;462(1):57-63. doi: 10.1007/s00428-012-1345-5. Epub 2012 Dec 8. PMID: 23224068.

66: Sandborn WJ, Gasink C, Gao LL, Blank MA, Johanss J, Guzzo C, Sands BE, Hanauer SB, Targan S, Rutgeerts P, Ghosh S, de Villiers WJ, Panaccione R, Greenberg G, Schreiber S, Lichtiger S, Feagan BG; CERTIFI Study Group. Ustekinumab induction and maintenance therapy in refractory Crohn's disease. *N Engl J Med*. 2012 Oct 18;367(16):1519-28. doi: 10.1056/NEJMoa1203572. PMID:

23075178.

Caccaro R, D'Inca R, Pathak S, Sturniolo GC. Clinical utility of calprotectin and lactoferrin in patients with inflammatory bowel disease: is there something new from the literature? *Expert Rev Clin Immunol*. 2012 Aug;8(6):579-85. doi: 10.1586/eci.12.50. PMID: 22992152.

Scarpa M, Cardin R, Bortolami M, Kotsafti A, Scarpa MC, Pozza A, Maran G, Picciocchi M, Ruffolo C, D'Inca R, Sturniolo GC, Castagliuolo I, Castoro C, Angriman I. Mucosal immune environment in colonic carcinogenesis: CD80 expression is associated to oxidative DNA damage and TLR4-NFkB signalling. *Eur J Cancer*. 2013 Jan;49(1):254-63. doi: 10.1016/j.ejca.2012.05.015. Epub 2012 Jun 14. PMID: 22704122.

Dainese R, Galliani EA, De Lazzari F, D'Inca R, Mariné-Barjoan E, Vivinus- Nebot MH, Hébuterne X, Sturniolo GC, Piche T. Role of serological markers of activated eosinophils in inflammatory bowel diseases. *Eur J Gastroenterol Hepatol*. 2012 Apr;24(4):393-7. doi: 10.1097/MEG.0b013e328350f91f. PMID: 22293328.

Polese L, Boetto R, De Franchis G, Angriman I, Porzionato A, Norberto L, Sturniolo GC, Macchi V, De Caro R, Merigliano S. B1a lymphocytes in the rectal mucosa of ulcerative colitis patients. *World J Gastroenterol*. 2012 Jan 14;18(2):144-9. doi: 10.3748/wjg.v18.i2.144. PMID: 22253520; PMCID: PMC3257441.

Rugge M, Fassan M, Pizzi M, Farinati F, Sturniolo GC, Plebani M, Graham DY. Operative link for gastritis assessment vs operative link on intestinal metaplasia assessment. *World J Gastroenterol*. 2011 Nov 7;17(41):4596-601. doi: 10.3748/wjg.v17.i41.4596. PMID: 22147965; PMCID: PMC3225096.

Barollo M, Medici V, D'Inca R, Banerjee A, Ingravallo G, Scarpa M, Patak S, Ruffolo C, Cardin R, Sturniolo GC. Antioxidative potential of a combined therapy of anti TNF α and Zn acetate in experimental colitis. *World J Gastroenterol*. 2011 Sep 28;17(36):4099-103. doi: 10.3748/wjg.v17.i36.4099. PMID: 22039323; PMCID: PMC3203360.

Pozza A, Scarpa M, Lacognata C, Corbetti F, Mescoli C, Ruffolo C, Frego M, D'Inca R, Bardini R, Rugge M, Sturniolo GC, Angriman I. Magnetic resonance enterography for Crohn's disease: what the surgeon can take home. *J Gastrointest Surg*. 2011 Oct;15(10):1689-98. doi: 10.1007/s11605-011-1622-7. Epub 2011 Jul 28. PMID: 21796461.

Buda A, Lamboglia F, Hatem G, D'Inca R, Sturniolo GC. Evolving endoscopic technologies for the detection of dysplasia in inflammatory bowel diseases. *Ann Ital Chir*. 2011 Jan-Feb;82(1):29-35. PMID: 21657152.

Scarpa M, Grillo A, Pozza A, Faggian D, Ruffolo C, Scarpa M, D'Inca R,

Plebani M, Sturniolo GC, Castagliuolo I, Angriman I. TLR2 and TLR4 up-regulation and colonization of the ileal mucosa by Clostridiaceae spp. in chronic/relapsing pouchitis. *J Surg Res.* 2011 Aug;169(2):e145-54. doi: 10.1016/j.jss.2011.04.003. Epub 2011 May 5. PMID: 21601883.

Cornaggia M, Leutner M, Mescoli C, Sturniolo GC, Gullotta R; Gruppo Italiano Patologi Apparato Digerente (GIPAD); Società Italiana di Anatomia Patologica e Citopatologia Diagnostica/International Academy of Pathology, Italian division (SIAPEC/IAP). Chronic idiopathic inflammatory bowel diseases: the histology report. *Dig Liver Dis.* 2011 Mar;43 Suppl 4:S293-303. doi: 10.1016/S1590-8658(11)60585-9. PMID: 21459335.

Germani G, Lazzaro S, Gnoato F, Senzolo M, Borella V, Rupolo G, Cillo U, Rigotti P, Feltrin G, Loy M, Martin A, Sturniolo GC, Burra P. Nonadherent behaviors after solid organ transplantation. *Transplant Proc.* 2011 Jan- Feb;43(1):318-23. doi: 10.1016/j.transproceed.2010.09.103. PMID: 21335213.

Prantera C, Rizzi M, Cottone M, Casa A, Annese V, Sturniolo GC, Marconi S, Lochs H. Beclomethasone dipropionate in Crohn's ileitis: a randomised, double-blind trial. *Dig Liver Dis.* 2011 Jun;43(6):459-64. doi: 10.1016/j.dld.2010.12.001. Epub 2011 Jan 6. PMID: 21215714.

Spada C, Hassan C, Sturniolo GC, Marmo R, Riccioni ME, de Franchis R, Van Gossum A, Costamagna G. Literature review and recommendations for clinical application of Colon Capsule Endoscopy. *Dig Liver Dis.* 2011 Apr;43(4):251-8. doi: 10.1016/j.dld.2010.10.001. Epub 2010 Nov 9. PMID: 21067981.

Scarpa M, Bortolami M, Cecchetto A, Faggian D, Kotsafti A, Ruffolo C, Navaglia F, Pozza A, D'Inca R, Plebani M, Sturniolo GC, Angriman I. Mucosal immune environment in colonic carcinogenesis: CD80 up-regulation in colonic dysplasia in ulcerative colitis. *Eur J Cancer.* 2011 Mar;47(4):611-9. doi: 10.1016/j.ejca.2010.10.010. Epub 2010 Nov 8. PMID: 21067914.

D'Inca R, Barollo M, Scarpa M, Grillo AR, Brun P, Vettorato MG, Castagliuolo I, Sturniolo GC. Rectal administration of *Lactobacillus casei* DG modifies flora composition and Toll-like receptor expression in colonic mucosa of patients with mild ulcerative colitis. *Dig Dis Sci.* 2011 Apr;56(4):1178-87. doi: 10.1007/s10620-010-1384-1. Epub 2010 Aug 25. PMID: 20737210.

Guariso G, Gasparetto M, Visonà Dalla Pozza L, D'Inca R, Zancan L, Sturniolo GC, Brotto F, Facchin P. Inflammatory bowel disease developing in paediatric and adult age. *J Pediatr Gastroenterol Nutr.* 2010 Dec;51(6):698-707. doi: 10.1097/MPG.0b013e3181da1db8. PMID: 20639778.

Ruffolo C, Scarpa M, Polese L, D'Amico FE, Boetto R, Pozza A, D'Inca R, Checchin D, Sturniolo GC, Bassi N, Angriman I. Clinical presentation

and diagnosis of intestinal adenocarcinoma in Crohn's disease: analysis of clinical predictors and of the life-time risk. *J Gastrointest Surg.* 2010 Nov;14(11):1746-51. doi: 10.1007/s11605-010-1265-0. Epub 2010 Jul 14. PMID: 20628906.

Caccaro R, D'Inca R, Sturniolo GC. Clinical utility of calprotectin and lactoferrin as markers of inflammation in patients with inflammatory bowel disease. *Expert Rev Clin Immunol.* 2010 Jul;6(4):551-8. doi: 10.1586/eci.10.26. PMID: 20594128.

96: Cope-Yokoyama S, Finegold MJ, Sturniolo GC, Kim K, Mescoli C, Rugge M, Medici V. Wilson disease: histopathological correlations with treatment on follow-up liver biopsies. *World J Gastroenterol.* 2010 Mar 28;16(12):1487-94. doi: 10.3748/wjg.v16.i12.1487. PMID: 20333789; PMCID: PMC2846254.

Senzolo M, Fries W, Buda A, Pizzuti D, Nadal E, Sturniolo GC, Burroughs AK, D'Inca R. Oral propranolol decreases intestinal permeability in patients with cirrhosis: another protective mechanism against bleeding? *Am J Gastroenterol.* 2009 Dec;104(12):3115-6. doi: 10.1038/ajg.2009.457. PMID: 19956145.

Ruffolo C, Scarpa M, Faggian D, Basso D, D'Inca R, Plebani M, Sturniolo GC, Bassi N, Angriman I. Subclinical intestinal inflammation in patients with Crohn's disease following bowel resection: a smoldering fire. *J Gastrointest Surg.* 2010 Jan;14(1):24-31. doi: 10.1007/s11605-009-1070-9. Epub 2009 Nov 10. PMID: 19902313.

Casella G, D'Inca R, Oliva L, Daperno M, Saladino V, Zoli G, Annese V, Fries W, Cortellezzi C; Italian Group - IBD. Prevalence of celiac disease in inflammatory bowel diseases: An IG-IBD multicentre study. *Dig Liver Dis.* 2010 Mar;42(3):175-8. doi: 10.1016/j.dld.2009.08.005. Epub 2009 Sep 27. PMID: 19786375.

Scarpa M, Ruffolo C, Bassi D, Boetto R, D'Inca R, Buda A, Sturniolo GC, Angriman I. Intestinal surgery for Crohn's disease: predictors of recovery, quality of life, and costs. *J Gastrointest Surg.* 2009 Dec;13(12):2128-35. doi:10.1007/s11605-009-1044-y. Epub 2009 Sep 25. PMID: 19779944.

Prantera C, Kohn A, Campieri M, Caprilli R, Cottone M, Pallone F, Savarino V, Sturniolo GC, Vecchi M, Ardia A, Bellinva S. Clinical trial: ulcerative colitis maintenance treatment with 5-ASA: a 1-year, randomized multicentre study comparing MMX with Asacol. *Aliment Pharmacol Ther.* 2009 Nov 1;30(9):908-18. doi:10.1111/j.1365-2036.2009.04117.x. Epub 2009 Aug 12. PMID: 19678813.

Maconi G, Colombo E, Sampietro GM, Lamboglia F, D'Inca R, Daperno M, Cassinotti A, Sturniolo GC, Ardizzone S, Duca P, Porro GB, Annese V. CARD15 gene variants and risk of reoperation in Crohn's disease

patients. *Am J Gastroenterol*. 2009 Oct;104(10):2483-91. doi: 10.1038/ajg.2009.413. Epub 2009 Jul 28. PMID: 19638967.

Garolla A, D'Inca R, Checchin D, Biagioli A, De Toni L, Nicoletti V, Scarpa M, Bolzonello E, Sturniolo GC, Foresta C. Reduced endothelial progenitor cell number and function in inflammatory bowel disease: a possible link to the pathogenesis. *Am J Gastroenterol*. 2009 Oct;104(10):2500-7. doi:10.1038/ajg.2009.332. Epub 2009 Jun 30. PMID: 19568231.

Dal Pont E, D'Inca R, Caruso A, Sturniolo GC. Non-invasive investigation in patients with inflammatory joint disease. *World J Gastroenterol*. 2009 May 28;15(20):2463-8. doi: 10.3748/wjg.15.2463. PMID: 19468995; PMCID: PMC2686903.

Checchin D, Buda A, Sgarabotto D, Sturniolo GC, D' Inca R. Successful prophylaxis with valaciclovir for relapsing HSV-1 in a girl treated with infliximab for moderate Crohn's disease. *Eur J Gastroenterol Hepatol*. 2009 Sep;21(9):1095-6. doi: 10.1097/MEG.0b013e32831de271. PMID: 19430300.

Scarpa M, Mescoli C, Ruggie M, D'Inca R, Ruffolo C, Polese L, D'Amico DF, Sturniolo GC, Angriman I. Restorative proctocolectomy for inflammatory bowel disease: the Padova prognostic score for colitis in predicting long-term outcome and quality of life. *Int J Colorectal Dis*. 2009 Sep;24(9):1049-57. doi: 10.1007/s00384-009-0700-8. Epub 2009 Apr 22. PMID: 19415309.

D'Inca R, Podswiadek M, Ferronato A, Punzi L, Salvagnini M, Sturniolo GC. Articular manifestations in inflammatory bowel disease patients: a prospective study. *Dig Liver Dis*. 2009 Aug;41(8):565-9. doi: 10.1016/j.dld.2009.01.013. Epub 2009 Mar 10. PMID: 19278908.

Merenda R, Portale G, Galeazzi F, Tosolini C, Sturniolo GC, Ancona E. Pancreaticoduodenectomy for dysplastic duodenal adenoma in a patient with familial adenomatous polyposis. *Tumori*. 2008 Nov-Dec;94(6):882-4. PMID: 19267112.

Scarpa M, Bortolami M, Morgan SL, Kotsafti A, Ferraro S, Ruffolo C, D'Inca R, Polese L, Barollo M, D'Amico DF, Sturniolo GC, Angriman I. TGF-beta1 and IGF-1 production and recurrence of Crohn's disease after ileo-colonic resection. *J Surg Res*. 2009 Mar;152(1):26-34. doi: 10.1016/j.jss.2008.04.014. Epub 2008 May 7. PMID: 19027918.

D'Inca R, Dal Pont E, Di Leo V, Benazzato L, Martinato M, Lamboglia F, Oliva L, Sturniolo GC. Can calprotectin predict relapse risk in inflammatory bowel disease? *Am J Gastroenterol*. 2008 Aug;103(8):2007-14. doi: 10.1111/j.1572-0241.2008.01870.x. PMID: 18802997.

Lamboglia F, D'Inca R, Oliva L, Bertomoro P, Sturniolo GC. Patient with severe Crohn's disease became a father while on methotrexate

and infliximab therapy. *Inflamm Bowel Dis*. 2009 May;15(5):648-9. doi: 10.1002/ibd.20722. PMID: 18777574.

Voltan S, Martines D, Elli M, Brun P, Longo S, Porzionato A, Macchi V, D'Inca R, Scarpa M, Palù G, Sturniolo GC, Morelli L, Castagliuolo I. Lactobacillus crispatus M247-derived H₂O₂ acts as a signal transducing molecule activating peroxisome proliferator activated receptor-gamma in the intestinal mucosa. *Gastroenterology*. 2008 Oct;135(4):1216-27. doi: 10.1053/j.gastro.2008.07.007. Epub 2008 Jul 9. PMID: 18722375.

Scarpa M, Bortolami M, Morgan SL, Kotsafti A, Ruffolo C, D'Inca R, Bertin E, Polese L, D'Amico DF, Sturniolo GC, Angriman I. TGF-beta1 and IGF-1 and anastomotic recurrence of Crohn's disease after ileo-colonic resection. *J Gastrointest Surg*. 2008 Nov;12(11):1981-90. doi: 10.1007/s11605-008-0641-5. Epub 2008 Aug 13. PMID: 18704594.

Medici V, Sturniolo GC. Tetrathiomolybdate, a copper chelator for the treatment of Wilson disease, pulmonary fibrosis and other indications. *IDrugs*. 2008 Aug;11(8):592-606. PMID: 18683094.

Reinisch W, Panés J, Lémann M, Schreiber S, Feagan B, Schmidt S, Sturniolo GC, Mikhailova T, Alexeeva O, Sanna L, Haas T, Korom S, Mayer H. A multicenter, randomized, double-blind trial of everolimus versus azathioprine and placebo to maintain steroid-induced remission in patients with moderate-to-severe active Crohn's disease. *Am J Gastroenterol*. 2008 Sep;103(9):2284-92. doi: 10.1111/j.1572-0241.2008.02024.x. Epub 2008 Jul 30. PMID: 18671816.

Ruffolo C, Scarpa M, Faggian D, Pozza A, Navaglia F, D'Inca R, Hoxha P, Romanato G, Polese L, Sturniolo GC, Plebani M, D'Amico DF, Angriman I. Cytokine network in rectal mucosa in perianal Crohn's disease: relations with inflammatory parameters and need for surgery. *Inflamm Bowel Dis*. 2008 Oct;14(10):1406-12. doi: 10.1002/ibd.20486. PMID: 18452203.

Polese L, D'Inca R, Angriman I, Scarpa M, Pagano D, Ruffolo C, Lamboglia F, Sturniolo GC, D'Amico DF, Norberto L. Gastrointestinal telangiectasia: a study by EGD, colonoscopy, and capsule endoscopy in 75 patients. *Endoscopy*. 2008 Jan;40(1):23-9. doi: 10.1055/s-2007-967039. Epub 2007 Dec 5. PMID: 18058652.

Medici V, Di Leo V, Lamboglia F, Bowlus CL, Tseng SC, D'Inca R, Irato P, Burra P, Martines D, Sturniolo GC. Effect of penicillamine and zinc on iron metabolism in Wilson's disease. *Scand J Gastroenterol*. 2007 Dec;42(12):1495-500. doi: 10.1080/00365520701514495. PMID: 17994470.

Scarpa M, Romanato G, Manzato E, Ruffolo C, Marin R, Basato S, Zambon S, Filosa T, Zanoni S, Pilon F, Polese L, Sturniolo GC, D'Amico DF, Angriman I. Restorative proctocolectomy for ulcerative colitis: impact on lipid metabolism and adipose tissue and serum fatty acids.

J Gastrointest Surg. 2008 Feb;12(2):279-87. doi: 10.1007/s11605-007-0380-z. Epub 2007 Oct 23. PMID: 17955308.

D'Inca R, Bertomoro P, Mazzocco K, Vettorato MG, Rumiati R, Sturniolo GC. Risk factors for non-adherence to medication in inflammatory bowel disease patients. Aliment Pharmacol Ther. 2008 Jan 15;27(2):166-72. doi: 10.1111/j.1365-2036.2007.03555.x. Epub 2007 Oct 20. PMID: 17949472.

Latiano A, Palmieri O, Valvano MR, D'Inca R, Caprilli R, Cucchiara S, Sturniolo GC, Bossa F, Andriulli A, Annese V. The association of MYO9B gene in Italian patients with inflammatory bowel diseases. Aliment Pharmacol Ther. 2008 Feb 1;27(3):241-8. doi: 10.1111/j.1365-2036.2007.03551.x. Epub 2007 Oct 15. PMID: 17944996.

Merenda R, Portale G, Sturniolo GC, Marciani F, Faccioli AM, Ancona E. A rare surgical case of metachronous double carcinoma of the biliary tract. Scand J Gastroenterol. 2007 Oct;42(10):1265-8. doi: 10.1080/00365520701355360. PMID: 17852857.

Zambon CF, Fasolo M, Basso D, D'Odorico A, Stranges A, Navaglia F, Fogar P, Greco E, Schiavon S, Padoan A, Fadi E, Sturniolo GC, Plebani M, Pedrazzoli S. Clarithromycin resistance, tumor necrosis factor alpha gene polymorphism and mucosal inflammation affect H. pylori eradication success. J Gastrointest Surg. 2007 Nov;11(11):1506-14; discussion 1514. doi: 10.1007/s11605-007-0246-4. Epub 2007 Sep 11. PMID: 17846855.

Voltan S, Castagliuolo I, Elli M, Longo S, Brun P, D'Inca R, Porzionato A, Macchi V, Palù G, Sturniolo GC, Morelli L, Martines D. Aggregating phenotype in Lactobacillus crispatus determines intestinal colonization and TLR2 and TLR4 modulation in murine colonic mucosa. Clin Vaccine Immunol. 2007 Sep;14(9):1138-48. doi: 10.1128/CVI.00079-07. Epub 2007 Jul 18. PMID: 17634514; PMCID: PMC2043298.

Scarpa M, D'Inca R, Basso D, Ruffolo C, Polese L, Bertin E, Luise A, Frego M, Plebani M, Sturniolo GC, D'Amico DF, Angriman I. Fecal lactoferrin and calprotectin after ileocolonic resection for Crohn's disease. Dis Colon Rectum. 2007 Jun;50(6):861-9. doi: 10.1007/s10350-007-0225-6. PMID: 17473939.

D'Inca R, Garribba AT, Vettorato MG, Martin A, Martines D, Di Leo V, Buda A, Sturniolo GC. Use of alternative and complementary therapies by inflammatory bowel disease patients in an Italian tertiary referral centre. Dig Liver Dis. 2007 Jun;39(6):524-9. doi: 10.1016/j.dld.2007.03.001. Epub 2007 Apr 11. PMID:17433794.

Medici V, Rossaro L, Sturniolo GC. Wilson disease--a practical approach to diagnosis, treatment and follow-up. Dig Liver Dis. 2007 Jul;39(7):601-9. doi: 10.1016/j.dld.2006.12.095. Epub 2007 Mar 26. PMID: 17382611.

D'Inca R, Pommeri F, Vettorato MG, Dal Pont E, Di Leo V, Ferronato A, Medici V, Sturniolo GC. Interaction between rifaximin and dietary fibre in patients with diverticular disease. *Aliment Pharmacol Ther.* 2007 Apr 1;25(7):771-9. doi: 10.1111/j.1365-2036.2007.03266.x. PMID: 17373915.

Polese L, De Franchis G, Scarpa M, Sturniolo GC, Ruffolo C, Norberto L, Frego M, D'Amico DF, Angriman I. B1a lymphocytes in ulcerative colitis. *Int J Colorectal Dis.* 2007 Sep;22(9):1005-11. doi: 10.1007/s00384-007-0298-7. Epub 2007 Mar 20. PMID: 17372743.

Angriman I, Scarpa M, D'Inca R, Basso D, Ruffolo C, Polese L, Sturniolo GC, D'Amico DF, Plebani M. Enzymes in feces: useful markers of chronic inflammatory bowel disease. *Clin Chim Acta.* 2007 May;381(1):63-8. doi: 10.1016/j.cca.2007.02.025. Epub 2007 Feb 21. PMID: 17368600.

Senzolo M, Pizzolato G, Dam M, Sturniolo GC, Burra P. Normal cortical regional cerebral blood flow justifies the normal neuropsychological performance in patients with cholestatic liver disease. *Psychiatry Clin Neurosci.* 2007 Apr;61(2):209-10. doi: 10.1111/j.1440-1819.2007.01645.x. PMID: 17362447.

Scarpa M, Ruffolo C, Polese L, Martin A, D'Inca R, Sturniolo GC, D'Amico DF, Angriman I. Quality of life after restorative proctocolectomy for ulcerative colitis: different questionnaires lead to different interpretations. *Arch Surg.* 2007 Feb;142(2):158-65. doi: 10.1001/archsurg.142.2.158. PMID: 17309967.

Scarpa M, Ruffolo C, D'Inca R, Filosa T, Bertin E, Ferraro S, Polese L, Martin A, Sturniolo GC, Frego M, D'Amico DF, Angriman I. Health-related quality of life after ileocolonic resection for Crohn's disease: long-term results. *Inflamm Bowel Dis.* 2007 Apr;13(4):462-9. doi: 10.1002/ibd.20080. PMID: 17206691.

Senzolo M, Burra P, Cholongitas E, Lodato F, Marelli L, Manousou P, Patch D, Sturniolo GC, Burroughs AK. The transjugular route: the key hole to the liver world. *Dig Liver Dis.* 2007 Feb;39(2):105-16. doi: 10.1016/j.dld.2006.06.038. Epub 2006 Dec 29. PMID: 17196894.

Medici V, Trevisan CP, D'Inca R, Barollo M, Zancan L, Faggioli S, Martines D, Irato P, Sturniolo GC. Diagnosis and management of Wilson's disease: results of a single center experience. *J Clin Gastroenterol.* 2006 Nov-Dec;40(10):936-41. doi: 10.1097/01.mcg.0000225670.91722.59. PMID: 17063115.

Gangemi S, Cannavò SP, Guarneri F, Merendino RA, Sturniolo GC, Minciullo PL, Di Pasquale G, Valenzise M, Drago F, Rebora A. The CX3C-chemokine fractalkine (CX3CL1) is detectable in serum of patients affected by active pityriasis rosea. *J Eur Acad Dermatol Venereol.* 2006 Nov;20(10):1366-7. doi: 10.1111/j.1468-3083.2006.01721.x. PMID: 17062081.

Medici V, Trevisan CP, Bigotto MA, D'Inca R, Martines D, Dal Pont E, Sturniolo GC. Adverse reaction after tetrathiomolybdate treatment for Wilson's disease: a case report. *Mov Disord*. 2006 Nov;21(11):2030-2. doi: 10.1002/mds.21109. PMID: 16991142.

Salviati L, Patricelli M, Guariso G, Sturniolo GC, Alaggio R, Bernardi F, Zuffardi O, Tenconi R. Deletion of PTEN and BMPR1A on chromosome 10q23 is not always associated with juvenile polyposis of infancy. *Am J Hum Genet*. 2006 Sep;79(3):593-6; author reply 596-7. doi: 10.1086/507151. PMID: 16909400; PMCID: PMC1559543.

D'Inca R, Dal Pont E, Di Leo V, Ferronato A, Fries W, Vettorato MG, Martines D, Sturniolo GC. Calprotectin and lactoferrin in the assessment of intestinal inflammation and organic disease. *Int J Colorectal Dis*. 2007 Apr;22(4):429-37. doi: 10.1007/s00384-006-0159-9. Epub 2006 Jul 13. PMID: 16838143.

D'Inca R, Annese V, di Leo V, Latiano A, Quaino V, Abazia C, Vettorato MG, Sturniolo GC. Increased intestinal permeability and NOD2 variants in familial and sporadic Crohn's disease. *Aliment Pharmacol Ther*. 2006 May 15;23(10):1455-61. doi: 10.1111/j.1365-2036.2006.02916.x. PMID: 16669960.

Prantera C, Lochs H, Campieri M, Scribano ML, Sturniolo GC, Castiglione F, Cottone M. Antibiotic treatment of Crohn's disease: results of a multicentre, double blind, randomized, placebo-controlled trial with rifaximin. *Aliment Pharmacol Ther*. 2006 Apr 15;23(8):1117-25. doi: 10.1111/j.1365-2036.2006.02879.x. PMID: 16611272.

Sturniolo GC, Di Leo V, Vettorato MG, De Boni M, Lamboglia F, De Bona M, Bellumat A, Martines D, D'Inca R. Small bowel exploration by wireless capsule endoscopy: results from 314 procedures. *Am J Med*. 2006 Apr;119(4):341-7. doi: 10.1016/j.amjmed.2005.08.029. PMID: 16564777.

Senzolo M, Loreno M, Fagioli S, Zanusi G, Canova D, Masier A, Russo FP, Sturniolo GC, Burra P. Different neurological outcome of liver transplantation for Wilson's disease in two homozygotic twins. *Clin Neurol Neurosurg*. 2007 Jan;109(1):71-5. doi: 10.1016/j.clineuro.2006.01.008. Epub 2006 Mar 20. PMID: 16545904.

Scarpa M, Behboo R, Angriman I, Cecchetto A, D'Inca R, Termini B, Barollo M, Ruffolo C, Polese L, Sturniolo GC, D'Amico DF. Expression of costimulatory molecule CD80 in colonic dysplasia in ulcerative colitis: an immunosurveillance mechanism against colorectal cancer? *Int J Colorectal Dis*. 2006 Dec;21(8):776-83. doi: 10.1007/s00384-006-0095-8. Epub 2006 Mar 7. PMID: 16520930.

Medici V, Mascheretti S, Croucher PJ, Stoll M, Hampe J, Grebe J, Sturniolo GC, Solberg C, Jahnsen J, Moum B, Schreiber S, Vatn MH. Extreme heterogeneity in CARD15 and DLG5 Crohn disease-

associated polymorphisms between German and Norwegian populations. *Eur J Hum Genet.* 2006 Apr;14(4):459-68. doi: 10.1038/sj.ejhg.5201576. PMID: 16493449.

Latiano A, Palmieri O, Valvano RM, D'Inca R, Vecchi M, Ferraris A, Sturniolo GC, Spina L, Lombardi G, Dallapiccola B, Andriulli A, Devoto M, Annese V. Contribution of IBD5 locus to clinical features of IBD patients. *Am J Gastroenterol.* 2006 Feb;101(2):318-25. doi: 10.1111/j.1572-0241.2006.00389.x. PMID: 16454837.

Palmieri O, Latiano A, Valvano R, D'Inca R, Vecchi M, Sturniolo GC, Saibeni S, Peyvandi F, Bossa F, Zagaria C, Andriulli A, Devoto M, Annese V. Variants of OCTN1-2 cation transporter genes are associated with both Crohn's disease and ulcerative colitis. *Aliment Pharmacol Ther.* 2006 Feb 15;23(4):497-506. doi: 10.1111/j.1365-2036.2006.02780.x. PMID: 16441470.

Palmieri O, Latiano A, Valvano R, D'Inca R, Vecchi M, Sturniolo GC, Saibeni S, Bossa F, Latiano T, Devoto M, Andriulli A, Annese V. Multidrug resistance 1 gene polymorphisms are not associated with inflammatory bowel disease and response to therapy in Italian patients. *Aliment Pharmacol Ther.* 2005 Dec;22(11-12):1129-38. doi: 10.1111/j.1365-2036.2005.02701.x. PMID: 16305727.

Riegler G, Caserta L, Castiglione F, Esposito I, Valpiani D, Annese V, Zoli G, Gionchetti P, Viscido A, Sturniolo GC, Rispo A, De Filippo FR, de Leone A, Carratu R; IG-IBD Group. Increased risk of breast cancer in first-degree relatives of Crohn's disease patients. An IG-IBD study. *Dig Liver Dis.* 2006 Jan;38(1):18-23. doi: 10.1016/j.dld.2005.07.006. Epub 2005 Sep 19. PMID: 16169781.

Polese L, Angriman I, Giuseppe DF, Cecchetto A, Sturniolo GC, Renata D, Scarpa M, Ruffolo C, Norberto L, Frego M, D'Amico DF. Persistence of high CD40 and CD40L expression after restorative roctocolectomy for ulcerative colitis. *World J Gastroenterol.* 2005 Sep 14;11(34):5303-8. doi: 10.3748/wjg.v11.i34.5303. PMID: 16149136; PMCID: PMC4622799.

Medici V, Mirante VG, Fassati LR, Pompili M, Forti D, Del Gaudio M, Trevisan CP, Cillo U, Sturniolo GC, Faggioli S; Monotematica AISF 2000 OLT Study Group. Liver transplantation for Wilson's disease: The burden of neurological and psychiatric disorders. *Liver Transpl.* 2005 Sep;11(9):1056-63. doi: 10.1002/lt.20486. PMID: 16123950.

Barollo M, D'Inca R, Scarpa M, Medici V, Cardin R, Bortolami M, Ruffolo C, Angriman I, Sturniolo GC. Effects of iron manipulation on trace elements level in a model of colitis in rats. *World J Gastroenterol.* 2005 Jul 28;11(28):4396-9. doi: 10.3748/wjg.v11.i28.4396. PMID: 16038040; PMCID: PMC4434668.

Sturniolo GC, Di Leo V, Vettorato MG, D'Inca R. Clinical relevance of small-bowel findings detected by wireless capsule endoscopy. *Scand J*

Gastroenterol. 2005 Jun;40(6):725-33. doi: 10.1080/00365520510015511. PMID: 16036534.

Medici V, Sturniolo GC, Santon A, D'Inca R, Bortolami M, Cardin R, Basso D, Albergoni V, Irato P. Efficacy of zinc supplementation in preventing acute hepatitis in Long-Evans Cinnamon rats. *Liver Int.* 2005 Aug;25(4):888-95. doi: 10.1111/j.1478-3231.2005.01108.x. PMID: 15998441.

Caprilli R, Angelucci E, Cocco A, Viscido A, Annese V, Ardizzone S, Biancone L, Castiglione F, Cottone M, Meucci G, Paoluzi P, Papi C, Sturniolo GC, Vecchi M. Appropriateness of immunosuppressive drugs in inflammatory bowel diseases assessed by RAND method: Italian Group for IBD (IG-IBD) position statement. *Dig Liver Dis.* 2005 Jun;37(6):407-17. doi: 10.1016/j.dld.2004.12.013. PMID: 15893279.

Brun P, Mastrotto C, Beggiao E, Stefani A, Barzon L, Sturniolo GC, Palù G, Castagliuolo I. Neuropeptide neurotensin stimulates intestinal wound healing following chronic intestinal inflammation. *Am J Physiol Gastrointest Liver Physiol.* 2005 Apr;288(4):G621-9. doi: 10.1152/ajpgi.00140.2004. PMID: 15764810.

Di Leo V, D'Inca R, Bettini MB, Podswiadek M, Punzi L, Mastropaolo G, Sturniolo GC. Effect of *Helicobacter pylori* and eradication therapy on gastrointestinal permeability. Implications for patients with seronegative spondyloarthritis. *J Rheumatol.* 2005 Feb;32(2):295-300. PMID: 15693091.

Castagliuolo I, Galeazzi F, Ferrari S, Elli M, Brun P, Cavaggioni A, Tormen D, Sturniolo GC, Morelli L, Palù G. Beneficial effect of auto-aggregating *Lactobacillus crispatus* on experimentally induced colitis in mice. *FEMS Immunol Med Microbiol.* 2005 Feb 1;43(2):197-204. doi: 10.1016/j.femsim.2004.08.011. PMID: 15681150.

Scarpa M, Behboo R, Angriman I, Termini B, Barollo M, Ruffolo C, Polese L, D'Inca R, Sturniolo GC, D'Amico DF. The role of costimulatory molecules CD80 and CD86 and IFN γ in the pathogenesis of ulcerative colitis. *Dig Dis Sci.* 2004 Nov-Dec;49(11-12):1738-44. doi: 10.1007/s10620-004-9562-7. PMID: 15628695.

Santon A, Albergoni V, Santovito G, Sturniolo GC, Irato P. Relationship between metallothionein and zinc in the protection against DNA damage in zinc-treated Long-Evans Cinnamon rat liver. *Eur J Histochem.* 2004 Jul-Sep;48(3):317-20. PMID: 15590422.

D'Inca R, Pagnan A, Vettorato MG, Ingravallo G, Rugge M, Sturniolo GC. Whipple's disease. *Gastrointest Endosc.* 2004 Nov;60(5):800-1. doi: 10.1016/s0016-5107(04)02043-7. PMID: 15557962.

Martini C, Sturniolo GC, De Carlo E, Tamagno G, Maffei P, Mioni R, Vettor R, Lise M, Guido M, Sicolo N. Neuroendocrine tumor of small bowel. *Gastrointest Endosc.* 2004 Sep;60(3):431. doi: 10.1016/s0016-5107(04)01702-x. PMID: 15332039.

Podswiadek M, Punzi L, Stramare R, D'Inca R, Ferronato A, Lo Nigro A, Sturniolo GC. Prevalenza delle sacroileiti radiologiche clinicamente sintomatiche nelle malattie infiammatorie croniche intestinali [The prevalence of radiographic sacroiliitis in patients affected by inflammatory bowel disease with inflammatory low back pain]. *Reumatismo*. 2004 Apr-Jun;56(2):110-3. Italian. doi: 10.4081/reumatismo.2004.110. PMID: 15309219.

Benazzato L, D'Inca R, Grigoletto F, Perissinotto E, Medici V, Angriman I, Sturniolo GC. Prognosis of severe attacks in ulcerative colitis: effect of intensive medical treatment. *Dig Liver Dis*. 2004 Jul;36(7):461-6. doi: 10.1016/j.dld.2003.12.017. PMID: 15285525.

Di Sabatino A, Ciccocioppo R, Benazzato L, Sturniolo GC, Corazza GR. Infliximab downregulates basic fibroblast growth factor and vascular endothelial growth factor in Crohn's disease patients. *Aliment Pharmacol Ther*. 2004 May 1;19(9):1019-24. doi: 10.1111/j.1365-2036.2004.01927.x. PMID: 15113369.

Barollo M, D'Inca R, Scarpa M, Medici V, Cardin R, Fries W, Angriman I, Sturniolo GC. Effects of iron deprivation or chelation on DNA damage in experimental colitis. *Int J Colorectal Dis*. 2004 Sep;19(5):461-6. doi: 10.1007/s00384-004-0588-2. Epub 2004 Apr 6. PMID: 15067556.

Santon A, Albergoni V, Sturniolo GC, Irato P. Evaluation of MT expression and detection of apoptotic cells in LEC rat kidneys. *Biochim Biophys Acta*. 2004 Apr 5;1688(3):223-31. doi: 10.1016/j.bbadis.2003.12.009. PMID: 15062872.

D'Inca R, Cardin R, Benazzato L, Angriman I, Martines D, Sturniolo GC. Oxidative DNA damage in the mucosa of ulcerative colitis increases with disease duration and dysplasia. *Inflamm Bowel Dis*. 2004 Jan;10(1):23-7. doi: 10.1097/00054725-200401000-00003. PMID: 15058522.

Polese L, Angriman I, Scarpa M, Norberto L, Sturniolo GC, Cecchetto A, Ruffolo C, D'Amico DF. Role of CD40 and B7 costimulators in inflammatory bowel diseases. *Acta Biomed*. 2003;74 Suppl 2:65-70. PMID: 15055038.

Fries W, Mazzon E, Sturiale S, Giofré MR, Lo Presti MA, Cuzzocrea S, Campo GM, Caputi AP, Longo G, Sturniolo GC. A protective effect of the synthetic coumarine derivative Cloricromene against DNB-colitis in the rat. *Life Sci*. 2004 Apr 16;74(22):2749-56. doi: 10.1016/j.lfs.2003.10.016. PMID: 15043989.

Scarpa M, Angriman I, Ruffolo C, Ferronato A, Polese L, Barollo M, Martin A, Sturniolo GC, D'Amico DF. Health-related quality of life after restorative proctocolectomy for ulcerative colitis: long-term results. *World J Surg*. 2004 Feb;28(2):124-9. doi: 10.1007/s00268-003-7047-z. Epub 2004 Jan 8. PMID: 14708057.

Punzi L, Podswiadek M, D'Inca R, Zaninotto M, Bernardi D, Plebani M, Sturniolo GC. Serum human cartilage glycoprotein 39 as a marker of arthritis associated with inflammatory bowel disease. *Ann Rheum Dis.* 2003 Dec;62(12):1224-6. doi: 10.1136/ard.2002.004408. PMID: 14644865; PMCID: PMC1754395.

Di Leo V, D'Inca R, Diaz-Granado N, Fries W, Venturi C, D'Odorico A, Martines D, Sturniolo GC. Lactulose/mannitol test has high efficacy for excluding organic causes of chronic diarrhea. *Am J Gastroenterol.* 2003 Oct;98(10):2245-52. doi: 10.1111/j.1572-0241.2003.07697.x. PMID: 14572575.

Riegler G, Bossa F, Caserta L, Pera A, Tonelli F, Sturniolo GC, Oliva L, Contessini Avesani E, Poggioli G; IG-IBD Group. Colorectal cancer and high grade dysplasia complicating ulcerative colitis in Italy. A retrospective co-operative IG-IBD study. *Dig Liver Dis.* 2003 Sep;35(9):628-34. doi: 10.1016/s1590-8658(03)00380-3. PMID: 14563184.

Guariso G, D'Inca R, Sturniolo GC, Zancan L, Dall'Amico R. Photopheresis treatment in severe Crohn disease. *J Pediatr Gastroenterol Nutr.* 2003 Oct;37(4):517-20. doi: 10.1097/00005176-200310000-00022. PMID: 14508227.

Bar-Meir S, Fidder HH, Faszczuk M, Bianchi Porro G, Sturniolo GC, Mickisch O, Müller R, Greinwald R, Chowers Y, Grobota V; International Budesonide Study Group. Budesonide foam vs. hydrocortisone acetate foam in the treatment of active ulcerative proctosigmoiditis. *Dis Colon Rectum.* 2003 Jul;46(7):929-36. doi: 10.1007/s10350-004-6687-x. PMID: 12847368.