

Luigi Ricciardiello

Associate Professor of Gastroenterology

CURRICULUM VITAE

Name: Luigi Ricciardiello
Date and place of Birth: March 14, 1969; Bari, Italy
Citizenship: Italy, USA

Work Address

Department of Medical and Surgical Sciences,
University of Bologna
Via Massarenti 9, Bologna, 40138, Italy
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Titles:

Doctor of Medicine
Specialized in Gastroenterology and Digestive Endoscopy (Italy)
USMLE/ECFMG certified
Specialized in Internal Medicine (USA)
Associate professor of Gastroenterology, University of Bologna
National Scientific Qualification as Full Professor in Gastroenterology (2018-2024)

European Activities/Committees

2013-2016	Member of the National Societies Committee, United European Gastroenterology
2014-2016	Member of the Scientific Committee, United European Gastroenterology
2017- 2018	Chairman, National Societies Committee, United European Gastroenterology
2017-	Council Member, United European Gastroenterology
2019-	Chairman, Research Committee, United European Gastroenterology
2020-	Member of the General Assembly (as UEG Representative) of the Biomed Alliance

Personal Informations

USA citizen since May 9th 2011
Spoken languages: Italian and English
Personal interests in music and sports

Education:

1975-1980 Elementary School Raffaello Sanzio, Bologna, Italy

1980-1983 Middle School at the Conservatory of Music G.B. Martini, Bologna, Italy

1983-1988 High School A. Righi, Bologna, Italy

Post Graduate Training:1996 to 2001 Fellowship in Gastroenterology, University of Bologna, Department of Internal Medicine and Gastroenterology

Academic Positions

1996 - 2001 Fellowship in Gastroenterology, University of Bologna, Department of Internal Medicine and Gastroenterology

2002 - 2014 Assistant Professor in Gastroenterology, Department of Clinical Medicine, University of Bologna, Italy

2003-2005,
2009- Professor at the Fellowship program of Gastroenterology and Digestive Endoscopy, University of Bologna, Italy2014- Associate Professor of Gastroenterology, Department of Medical and Surgical sciences, University of Bologna, Italy

International positions and training

August 1997 to November 2000 Postgraduate Research Gastroenterologist, Department of Medicine and UCSD Cancer Center, University of California San Diego, USA. Training in molecular biology and cancer research under the guidance of Dr. C. Richard Boland, MD, chief of the division gastroenterology.

March 2005- July 2009 Senior Research Associate, Baylor University Medical Center. Dallas, TX, USA. Working at the GI cancer research laboratory performing research on colon cancer, headed by Dr. C. Richard Boland. From July 2007 until June 2009 completed the residency program in Internal while conducting research on colorectal cancer

Clinical Positions

2003 – 2005,

2009- Attending Physician at the Gastroenterology Unit of S. Orsola-Malpighi Hospital in Bologna, Italy

2017- Responsible for the colorectal cancer diagnostic-therapeutic pathway at the S. Orsola-Malpighi Hospital

Clinical Activities

Coordinator of the clinic for the study, screening and surveillance of hereditary colorectal cancer.

Digestive Endoscopy of the upper and lower digestive tract

Clinic for the prevention of Digestive Tumors.

Research Activity

- Chemoprevention of gastrointestinal cancers and their predisposing diseases through the use of dietary bioactives and synthetic molecules
 - Obesity/metabolic syndrome, Inflammation, GUT microbiome and risk of colorectal cancer
 - Molecular targets for chemoprevention in high-risk populations for colorectal cancer
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Institutional commitments

2016-2017 Member of the organizing group of the new English-language School of Medicine, University of Bologna

2017- Member of the GTA-Health group, University of Bologna (coordinating activities for EU grants)

2021- Member of the Executive Board of the Life-Science Inter-Department Center of the University of Bologna (CIRI Scienze Della Vita)

National Committees

2013-2016 Member of the Scientific Committee, Italian Society of Gastroenterology

2018- Executive Board of Unigastro, Italy

2019- Executive Board, Italian Society of Gastroenterology and Endoscopy (SIGE)

2020 - Executive Board, Federation of the Italian Societies for Digestive Diseases (FISMAD)

Funding

- **AIRC Investigator Grant 2010.** PI. Project Title: Eicosapentaenoic acid-free fatty acid prevents inflammation and cancer in colitis-associated colorectal cancer. Total Budget: €195.000 (not including PI salary)
- **EU-FP7 – Cooperation.** Co-coordinator and work package leader (WP5) of the project PATHWAY-27: “Pivotal Assessment Of The Effects Of Bioactives On Health And Wellbeing. From Human Genoma To Food Industry”. Total Budget €6.000.000 (not including PI salary).
- **AIRC Investigator Grant 2013.** PI. Project title: Mediterranean diet and Eicosapentaenoic Acid for the prevention of inflammatory and obesity-driven colorectal cancer. Total budget €270.000 (not including PI salary)
- **REGIONE EMILIA ROMAGNA.** Project title: Search for novel genes Responsible for familial colorectal polyposis. Participant. Total budget €247.000
- **AIRC Investigator Grant 2018.** PI. Project Title: Rapamycin, eicosapentaenoic acid and epigallocatechin-3-gallate for the prevention of WNT driven Colorectal Cancer. Total Budget: €629.000 (not including PI salary)
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Teaching activities

- Professor at the English School of Medicine (Medicine and Surgery) of the University of Bologna, Teaching Gastroenterology (Started Academic Year 2020-2021)
- Professor at the School of Medicine (Gastroenterology, channel C), University of Bologna – 2018-19)
- Starting from Academic Calendar Year 2020-21, Professor at the 4th year English School of Medicine at the University of Bologna (BOMS), teaching gastroenterology
- Faculty member, PhD program “Health and technologies”, University of Bologna
- Professor at the Fellowship program of Gastroenterology, University of Bologna
- Tutoring medical students of the Faculty of Medicine, University of Bologna
- Author of the chapter on Cancer of the Colon and Rectum, Handbook of Gastroenterology (UNIGASTRO) for the National Faculties of Medicine (years 2001-2003, 2004-2006, 2007-2009, 2013-2015, 2016-2020)
- Tutoring of PhD students
- Tutor of FIRC (Fondazione Italiana per la Ricerca sul Cancro) fellowship

Grant Reviewer

Dutch Digestive Foundation
 Israel Science Foundation
 Romanian Executive Agency for Research Funding
 Czech Health Research Council
 TBM program, Research Foundation – Flanders
 French National Cancer Institute (INCa)

Memberships

1995-	Order of Physicians, Bologna
1997-	Italian Society of Gastroenterology (SIGE)
1998-	American Gastroenterological Association (AGA)
2004-2008	Member of the International Affairs Committee of the SIGE
2005-2006	Emerging Leaders in Gastroenterology Program, Astra Zeneca
2007-2009	Texas Medical Association
2008-	American College of Physicians
2011-	International Society for Gastrointestinal Hereditary Tumours Incorporated (InSiGHT)
2013-	ESDO, European Society for Digestive Oncology
2018-	Italian Society of Digestive Endoscopy (SIED)
2018-	European Hereditary Tumour Group (EHTG)
2018-	European Society of Gastrointestinal Endoscopy (ESGE)
2019-	Accademia delle Scienze dell’Istituto di Bologna – Accademico Corrispondente Residente

Editorial Activities

Managing Editor, Digestive Diseases, Karger Publisher

Reviewer:

Gastroenterology
Clinical Gastroenterology and Hepatology
GUT
Nature Communications
Clinical Cancer Research
International Journal of Cancer
Cancer Epidemiology Biomarkers and Prevention
British Journal of Cancer
Experimental cell research
BMC Cancer
Alimentary Pharmacology and Therapeutics
Digestive and Liver Diseases
Cancer Treatment Reviews
Digestive Diseases and Sciences
Human Pathology

Conference and Lecture Activities

Over the past 17 years I have been invited to lecture and chair at the most important international Gastroenterology meetings, in particular Digestive Disease Week (American Gastroenterological Association) and United European Gastroenterology Week (United European Gastroenterology).

Co-chair of the 2017 International Society for Gastrointestinal Hereditary Tumours Incorporated (InSiGHT) meeting, held in Florence Italy in July 2017.

Abstract Reviewer for conferences

Digestive Disease Week (AGA) – Abstract Chair for 2013 and 2014
United European Gastroenterology Week (UEGW)
Italian Federation Of Digestive Diseases (FISMAD) national conference

Patents:

US Patent Application 20090076131. Anti-Cancer and Anti-Inflammatory Effects of *Annurca* Apple Extracts and Compositions Purified Therefrom

US Patent Application 20090048187. Chemopreventive, Anticancer and Anti-Inflammatory Effects of *Pinoselinol*-Rich Olives

US Patent Application 20190374496. Treatment with highly purified eicosapentaenoic acid as free fatty acid improves inflammation, affects colonic differentiation markers and microbiota in patients with ulcerative colitis

International Patent Application No. PCT/IB2019/050050.

Awards:

- Digestive Disease Week (DDW) 2000 Poster of distinction: Detection of JCV DNA sequences in colon cancer cell lines by fluorescent in situ hybridization. **Ricciardiello L**, Goel A, Chang DK, Chang CL and Boland CR.
- Digestive Disease Week (DDW) 2002 Poster of distinction: Microsatellite Instability and Target Gene Mutations in Adenomatous Polyps of Patients with a Single First-degree Member Affected by Colon Cancer. **Luigi Ricciardiello**, Ajay Goel, Vilma Mantovani, Stefania Fossi, Dong K. Chang, Veronica Lunedei, Gianni Nicolini, Cristina Martuzzi, Giuseppe N. Martinelli, C. Richard Boland, Enrico Roda, Franco Bazzoli.
- 10th United European Gastroenterology Week (2002), Geneva, Switzerland. BEST ABSTRACT AWARD and selected for the Press Conference: Loss of hMLH1 due to promoter hypermethylation causes high frequency of Microsatellite instability in adenomatous polyps of patients with a single first-degree member affected by colon cancer. **Luigi Ricciardiello**, Ajay Goel, Vilma Mantovani, Stefania Fossi, Dong K. Chang, Veronica Lunedei, Paolo Pozzato, Rocco. M Zagari, Luca De Luca, Giuseppe Martinelli, C. Richard Boland, Enrico Roda and Franco Bazzoli
- IX Congresso Nazionale delle Malattie Digestive (2003), Firenze, Italy. BEST ORAL PRESENTATION AWARD. In vivo activation of the p53-MDM2 system in microsatellite unstable-hMLH1 defective colorectal cancers. **Luigi Ricciardiello**, Graziella Angiolini, Claudio Ceccarelli, Donatella Santini, Enrico Roda and Franco Bazzoli.
- 11th United European Gastroenterology Week "UEGW 2003" Madrid, Spain, 1-5 November 2003. BEST ABSTRACT AWARD. The human polyomavirus jc induces chromosomal instability in colonic cells. **Luigi Ricciardiello**, Michele Baglioni, Maria Paola Landini, Hirofumi Sawa, Kazuo Nagashima, Richard J. Frisque, Ajay Goel, C. Richard Boland, Mauro Tognon, Enrico Roda and Franco Bazzoli
- 12th United European Gastroenterology Week "UEGW 2004" Prague, Czech Republic, 25-19 September 2004. BEST ABSTRACT AWARD. Microsatellite-unstable, hMLH1-hypermethylated, colorectal cancers display high expression of thymidylate synthase and functional p53 system: implications for chemotherapeutic strategies and clinical outcome. **L. Ricciardiello**, C. Ceccarelli, G. Angiolini, M. Pariali, P. Chieco, P. Paterini, G. Biasco, G.N. Martinelli, E. Roda, F. Bazzoli
- Digestive Disease Week 2005, Chicago, IL. POSTER OF DISTINCTION. Putative Role Of Polyomaviruses in the Adenoma-Carcinoma Sequence Of the Colon. **Luigi Ricciardiello**, Michele Baglioni, Claudio Ceccarelli, Graziella Angiolini, Milena Pariali, Ajay Goel, Enrico Roda, C. Richard Boland, Franco Bazzoli
- Digestive Disease Week 2009, Chicago. POSTER OF DISTINCTION. Highly purified eicosapentaenoic acid acts as a potent cox-2 inhibitor and represses polyp formation in APC Min/+ mice. Lucia Fini, Giulia Piazzi, Claudio Ceccarelli, Yahya Daoud, Andrea Belluzzi, Michael Selgrad, Melissa Garcia, Robert M. Genta, C. R. Boland, **Luigi Ricciardiello**

- UEGW/WCOG London 2009. Best Abstract award. Annurca apple polyphenol extracts (apes) reduce polyps formation and growth, and increase tumor suppressor genes transcription in $Apc^{min/+}$ mice either fed western or balanced diets. Lucia Fini, Michael Selgrad, Giulia Piazzi, Yahya Daoud, Melissa Garcia, Vincenzo Fogliano, Marco Romano, Robert Genta, Antonio Gasbarrini, C. Richard Boland, **Luigi Ricciardiello**
 - Digestive Disease Week, Orlando 2013. POSTER OF DISTINCTION. Inflammation increases Notch1 activity in colorectal cancer cells and is counteracted by eicosapentaenoic acid-free fatty acid. Chiara Fazio, Giulia Piazzi, Paola Vitaglione, Vincenzo Fogliano, Alessandra Munarini, Anna Prossomariti, Leonarda D'Angelo, Manuela Napolitano, Andrea Belluzzi, Franco Bazzoli, **Luigi Ricciardiello**
 - UEGW, Berlin 2013. POSTER OF EXCELLENCE. Eicosapentaenoic acid-free fatty acid prevents and suppresses colonic tumours in colitis-associated colorectal cancer. Piazzi, Giulia, D'Argenio Giuseppe, Lembo Vincenzo, Mazzone Giovanna, Prossomariti Anna, Vitaglione Paola, Fogliano Vincenzo, Munarini Alessandra, Ceccarelli Claudio, Fazio Chiara, D'Angelo Leonarda, Belluzzi Andrea, Chieco Pasquale, Hull Mark, Romano Marco, Bazzoli Franco, **Ricciardiello Luigi**.
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Pubblicazioni

- Laghi L, Cameletti M, Ferrari C, **Ricciardiello L**. Impairment of colorectal cancer screening during the COVID-19 pandemic. *Lancet Gastroenterology and Hepatology* in press
- **The International Mismatch Repair Consortium**. Variation in the Risk of Colorectal Cancer for Lynch Syndrome. *Lancet Oncology* in press.
- Alquati C, Prossomariti A, Piazzini G, Buttitta F, Bazzoli F, Laghi L, Ricciardiello L. Discovering the Mutational Profile of Early Colorectal Lesions: A Translational Impact. *Cancers (Basel)*. 2021 Apr 25;13(9):2081. doi: 10.3390/cancers13092081.
- Ferlizza E, Solmi R, Sgarzi M, **Ricciardiello L**, Lauriola M. The Roadmap of Colorectal Cancer Screening. *Cancers (Basel)*. 2021 Mar 4;13(5):1101.
- Buscarini E, Benedetti A, Monica F, Pasquale L, Buttitta F, Cameletti M, Ferrari C, **Ricciardiello L**; FISMAD the FISMAD-ALERT Survey Group. Changes in digestive cancer diagnosis during the SARS-CoV-2 pandemic in Italy: A nationwide survey. *Dig Liver Dis*. 2021 Mar 8:S1590-8658(21)00087-6. doi: 10.1016/j.dld.2021.02.021. Epub ahead of print. PMID: 33726978.
- Vanella G, Capurso G, Burti C, Fanti L, **Ricciardiello L**, Souza Lino A, Boskoski I, Bronswijk M, Tyberg A, Krishna Kumar Nair G, Angeletti S, Mauro A, Zingone F, Oppong KW, de la Iglesia-Garcia D, Pouillon L, Papanikolaou IS, Fracasso P, Ciceri F, Rovere-Querini P, Tomba C, Viale E, Eusebi LH, Riccioni ME, van der Merwe S, Shahid H, Sarkar A, Yoo JWG, Dilaghi E, Speight RA, Azzolini F, Buttitta F, Porcari S, Petrone MC, Iglesias-Garcia J, Savarino EV, Di Sabatino A, Di Giulio E, Farrell JJ, Kahaleh M, Roelandt P, Costamagna G, de Almeida Artifon EL, Bazzoli F, Testoni PA, Greco S, Arcidiacono PG. Gastrointestinal mucosal damage in patients with COVID-19 undergoing endoscopy: an international multicentre study. *BMJ Open Gastroenterol*. 2021 Feb;8(1):e000578. doi: 10.1136/bmjgast-2020-000578. PMID: 33627313; PMCID: PMC7907837.
- Furnari M, Eusebi LH, Savarino E, Petruzzellis C, Esposito G, Maida M, **Ricciardiello L**, Pecere S, Buda A, De Bona M, Spada C, Di Giulio E, Costamagna G, Boskoski I, Giannini EG; Young-ENDO-ITA Study Group. Effects of SARS-CoV-2 emergency measures on high-risk lesions detection: a multicentre cross-sectional study. *Gut*. 2020 Sep 28;gutjnl-2020-323116. doi: 10.1136/gutjnl-2020-323116. Online ahead of print.
- **Ricciardiello L**, Ferrari C, Cameletti M, Gaiani F, Buttitta F, Bazzoli F, Luigi de'Angelis G, Malesci A, Laghi L. Impact of SARS-CoV-2 pandemic on colorectal cancer screening delay: effect on stage shift and increased mortality. *Clin Gastroenterol Hepatol*. 2020 Sep 5:S1542-3565(20)31236-2. doi: 10.1016/j.cgh.2020.09.008.

- Baldacchini F, ...; Emilia-Romagna Region Workgroup for Colorectal Screening Evaluation. Results of Compliant Participation in Five Rounds of Fecal Immunochemical Test Screening for Colorectal Cancer. *Clin Gastroenterol Hepatol.* 2020 Aug 20:S1542-3565(20)31147-2. doi: 10.1016/j.cgh.2020.08.038.
- Laghi L, **Ricciardiello L**. The changing approach for identifying hereditary colorectal cancer syndromes. *Nat Rev Gastroenterol Hepatol.* 2020 Oct;17(10):593-594. doi: 10.1038/s41575-020-0348-y.
- Hassan C, Antonelli G, Dumonceau JM, Regula J, Bretthauer M, Chaussade S, Dekker E, Ferlitsch M, Gimeno-Garcia A, Jover R, Kalager M, Pellisé M, Pox C, **Ricciardiello L**, Rutter M, Helsingen LM, Bleijenberg A, Senore C, van Hooft JE, Dinis-Ribeiro M, Quintero E. Post-polypectomy colonoscopy surveillance: European Society of Gastrointestinal Endoscopy (ESGE) Guideline - Update 2020. *Endoscopy.* 2020 Aug;52(8):687-700. doi: 10.1055/a-1185-3109. Epub 2020 Jun 22.
- Maida M, Sferrazza S, Savarino E, **Ricciardiello L**, Repici A, Morisco F, Furnari M, Fuccio L, Morreale GC, Vitello A, Burra P, Marchi S, Annibale B, Benedetti A, Alvaro D, Ianiro G; Italian Society of Gastroenterology (SIGE). Impact of the COVID-19 pandemic on Gastroenterology Divisions in Italy: A national survey. *Dig Liver Dis.* 2020 Aug;52(8):808-815. doi: 10.1016/j.dld.2020.05.017.
- Malfertheiner P, Bornschein J, **Ricciardiello L**. COVID-19: Don't Neglect the Gastrointestinal Tract! *Dig Dis.* 2020;38(4):259-260. doi: 10.1159/000508289.
- Prossomariti A, Piazzini G, Alquati C, **Ricciardiello L**. Are Wnt/ β -Catenin and PI3K/AKT/mTORC1 Distinct Pathways in Colorectal Cancer? *Cell Mol Gastroenterol Hepatol.* 2020;10(3):491-506. doi: 10.1016/j.jcmgh.2020.04.007.
- Frazzoni L, Laterza L, Mussetto A, Zagari RM, Trovato C, De Bellis M, Paggi S, Piccirelli S, **Ricciardiello L**, Cesaro P, Spada C, Dal Piaz G, La Marca M, Fabbian F, Petrella L, Smania V, Marone P, Tatangelo F, Bazzoli F, Radaelli F, Repici A, Hassan C, Scagliarini M, Fuccio L. How to identify patients who are less likely to have metachronous neoplasms after a colon cancer: a predictive model. *Endoscopy.* 2020 Mar;52(3):220-226. doi: 10.1055/a-1041-2945. Epub 2019 Dec 13.
- Monique E. van Leerdam, Victorine H. Roos, Jeanin E. van Hooft, Francesc Balaguera, Evelien Dekker, Michal F. Kaminski, Andrew Latchford, Helmut Neumann, **Luigi Ricciardiello**, Maria Rupińska, Jean-Christophe Saurin, Pieter J. Tanis, Anja Wagner, Rodrigo Jover, Maria Pellisé. Endoscopic management of Lynch syndrome and familial colorectal cancer: European Society of Gastrointestinal Endoscopy (ESGE) Guideline. *Endoscopy* 2019 in press.
- Enck P, Meisner S, Figueiredo C, Mayerle J, **Ricciardiello L**; UEG Research Committee. Future research demands of the United European Gastroenterology (UEG) and its member societies. *United European Gastroenterol J.* 2019 Jul;7(6):859-863.

- Van Leerdam M, Roos VH, van Hoof J, Dekker E, Jover R, Kaminski MF, Latchford A, Neumann H, Pellisé M, Saurin JC, Tanis PJ, Wagner A, Balaguer F and **Ricciardiello L**. Endoscopic management of polyposis syndromes: European Society of Gastrointestinal Endoscopy (ESGE) Guideline. *Endoscopy* 2019, Sep;51(9):877-895.
- Bub A, Malpuech-Brugère C, Orfila C, Amat J, Arianna A, Blot A, Di Nunzio M, Holmes M, Kertész Z, Marshall L, Nemeth I, **Ricciardiello L**, Seifert S, Sutulic S, Ulaszewska M, Bordoni A. A Dietary Intervention of Bioactive Enriched Foods Aimed at Adults at Risk of Metabolic Syndrome: Protocol and Results from PATHWAY-27 Pilot Study. *Nutrients*. 2019 Aug 6;11(8).
- Piazzì G, Prossomariti A, Baldassarre M, Montagna C, Vitaglione P, Fogliano V, Biagi E, Candela M, Brigidi P, Balbi T, Munarini A, Belluzzi A, Pariali M, Bazzoli F, **Ricciardiello L**. A Mediterranean Diet Mix Has Chemopreventive Effects in a Murine Model of Colorectal Cancer Modulating Apoptosis and the Gut Microbiota. *Front Oncol*. 2019 Mar 12;9:140. doi: 10.3389/fonc.2019.00140. eCollection 2019.
- Cavalleri T, Bianchi P, Basso G, Celesti G, Grizzi F, Bossi P, Greco L, Pitrone C, Valtorta E, Mauri G, Truini M, Dall'Olio FG, Brandi G, Sartore-Bianchi A, **Ricciardiello L**, Torri V, Rimassa L, Siena S, Mantovani A, Malesci A, Laghi L. Combined low densities of FoxP3+ and CD3+ tumor-infiltrating lymphocytes identify stage II colorectal cancer at very high risk of progression. *Cancer Immunol Res*. 2019 May;7(5):751-758.
- Tavolari S, Deserti M, Vasuri F, Curti S, Palloni A, Pinna AD, Cescon M, Frega G, De Lorenzo S, Barbera MA, Garajova I, **Ricciardiello L**, Malvi D, D'Errico-Grigioni A, Pantaleo MA, Brandi G. Membrane human equilibrative nucleoside transporter 1 is associated with a high proliferation rate and worse survival in resected intrahepatic cholangiocarcinoma patients not receiving adjuvant treatments. *Eur J Cancer*. 2019 Jan; 106:160-170.
- Hassan C, Senore C, Manes G, Fuccio L, Iacopini F, **Ricciardiello L**, Anderloni A, Frazzoni L, Ballanti R, de Nucci G, Colussi D, Redaelli D, Lorenzetti R, Devani M, Arena I, Grossi C, Andrei F, Balestrazzi E, Sharma P, Rex DK, Repici A. Diagnostic yield and miss rate of EndoRings in an organized colorectal cancer screening program: the SMART (Study Methodology for ADR-Related Technology) trial. *Gastrointest Endosc*. 2019 Mar;89(3):583-590.e1.
- Sartini A, Scaioli E, Liverani E, Bellanova M, **Ricciardiello L**, Bazzoli F, Belluzzi A. Retention Rate, Persistence and Safety of Adalimumab in Inflammatory Bowel Disease: A Real-Life, 9-Year, Single-Center Experience in Italy. *Dig Dis Sci*. 2019 Mar;64(3):863-874.
- Balzano A, Carle F, Tamburini C, Monica F, Milazzo G, Spolaore P, Galadini M, Basili F, **Ricciardiello L**, Buscarini E, Leandro G. Hospital admission for

digestive diseases: Gastroenterology units offer a more effective and efficient care. *Dig Liver Dis.* 2019 Jan;51(1):43-46.

- Prossomariti A, Piazzini G, D'Angelo L, Miccoli S, Turchetti D, Alquati C, Montagna C, Bazzoli F, and **Ricciardiello L**. miR-155 is Down-regulated in Familial Adenomatous Polyposis and Modulates Wnt Signaling by Targeting AXIN1 and TCF4. *Molecular Cancer Research Mol Cancer Res.* 2018 Dec;16(12):1965-1976.
- Prossomariti A, Sokol H, **Ricciardiello L**. Nucleotide-Binding Domain Leucine-Rich Repeat Containing Proteins and Intestinal Microbiota: Pivotal Players in Colitis and Colitis-Associated Cancer Development. *Front Immunol.* 2018 May 14;9:1039.
- Colussi D, Fabbri M, Zagari RM, Montale A, Bazzoli F and **Ricciardiello L**. Lifestyle factors and risk for colorectal polyps and cancer at index colonoscopy in a FIT-positive screening population. *United European Gastroenterology Journal* 2018; 6(6): 935-942.
- Ciavarella M, Miccoli S, Prossomariti A, Pippucci T, Bonora E, Buscherini F, Palombo F, Zuntini R, Balbi T, Ceccarelli C, Bazzoli F, **Ricciardiello L***, Turchetti D* and Piazzini G*. Somatic APC mosaicism and oligogenic inheritance in genetically unsolved colorectal adenomatous polyposis patients. *European Journal of Human Genetics* 2018 Mar;26(3):387-395. in press. *Corresponding author.
- Rodia MT, Solmi R, Pasini F, Nardi E, Mattei G, Ugolini G, **Ricciardiello L**, Strippoli P, Miglio R, Lauriola M. LGALS4, CEACAM6, TSPAN8, and COL1A2: Blood Markers for Colorectal Cancer-Validation in a Cohort of Subjects With Positive Fecal Immunochemical Test Result. *Clin Colorectal Cancer.* 2017 Dec 12. pii: S1533-0028(17)30380-8.
- Prossomariti A, Scaioli E, Piazzini G, Fazio C, Bellanova M, Biagi E, Candela M, Brigidi P, Consolandi C, Balbi T, Chieco P, Munarini A, Pariali M, Minguzzi M, Bazzoli F, Belluzzi A, **Ricciardiello L**. Short-term treatment with eicosapentaenoic acid improves inflammation and affects colonic differentiation markers and microbiota in patients with ulcerative colitis. *Sci Rep.* 2017 Aug 7;7(1):7458.
- Colussi D, Zagari RM, Morini B, Fabbri M, Montale A, Hassan C, Senore C, Bazzoli F, **Ricciardiello L**. Prevalence of serrated polyposis syndrome in an FIT-based colorectal cancer screening cohort in Italy. *Gut* 2017; 66(8): 1532-1533
- Colussi D, Bazzoli F, **Ricciardiello L**. Chemoprevention of Colorectal Cancer in High-Risk Patients: from Molecular Targets to Clinical Trials. *Current Colorectal Cancer Reports* 2017; 13(3):192-204
- Fazio C, **Ricciardiello L**. Inflammation and Notch signaling: a crosstalk with opposite effects on tumorigenesis. *Cell Death Dis.* 2016 Dec 8;7(12):e2515.

- **Ricciardiello L**, Ahnen DJ and Lynch PM. Chemoprevention of hereditary colon cancers: time for new strategies. *Nature Reviews Gastroenterology and Hepatology* 2016 Jun;13(6):352-61.
- Fazio C, Piazzì G, Vitaglione P, Fogliano V, Munarini A, Prossomariti A, Milazzo M, D'Angelo L, Napolitano M, Chieco P, Belluzzi A, Bazzoli F, **Ricciardiello L**. Inflammation increases NOTCH1 activity via MMP9 and is counteracted by Eicosapentaenoic Acid-free fatty acid in colon cancer cells. *Sci Rep*. 2016 Feb 11;6:20670.
- Lynch PM, Morris JS, Wen S, Advani SM, Ross W, Chang GJ, Rodriguez-Bigas M, Raju GS, **Ricciardiello L**, Iwama T, Rossi BM, Pellise M, Stoffel E, Wise PE, Bertario L, Saunders B, Burt R, Belluzzi A, Ahnen D, Matsubara N, Bülow S, Jespersen N, Clark SK, Erdman SH, Markowitz AJ, Bernstein I, De Haas N, Syngal S, Moeslein G. A proposed staging system and stage-specific interventions for familial adenomatous polyposis. *Gastrointest Endosc*. 2016 Jan 6. pii: S0016-5107(15)03262-9.
- Block KI, ..., **Ricciardiello L**, ... et al. A Broad-Spectrum Integrative Design for Cancer Prevention and Therapy. *Semin Cancer Biol*. 2015 Dec;35 Suppl:S276-304.
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