

## Curriculum Vitae

*\*CV must be written in English*

### Personal Information



<b>Title</b> (i.e. Prof., Dr., etc.)	Prof.
<b>Name</b> (First / Middle / Last)	Marietta Iacucci
<b>Degree</b> (i.e. MD, MSc, PhD, etc.)	MD, PhD
<b>Country</b>	Ireland
<b>Affiliation</b>	University of College Cork

### Educational Background

- Graduate of Medicine & Surgery, Sapienza University of Rome, Italy (1994)
- Speciality in Gastroenterology, Sapienza University of Rome, Italy (1998)
- Doctor of Gastroenterology MD, Sapienza University of Rome, Italy (1998)
- PhD - Tor Vergata, University of Rome, Italy (2010)
- Fellow of the American Society of Gastrointestinal Endoscopy (2017)
- Fellow of the Royal College of Physicians of Edinburgh (2019)
- Fellow of American Gastroenterology Association (2020)
- Member of International Organisation of Inflammatory Bowel Disease (2023)

### Professional Experience

- **December 2022 till date** : Professor of Gastroenterology (fully tenured) University College Cork, Ireland
- **December 2022 till date** : Consultant Gastroenterologist, University Hospitals Mercy and Cork, Ireland
- **September 2022 till date** : Adjunct Associate Professor of Medicine University of Birmingham, UK
- **2016-2022**: Senior Associate Professor in Gastroenterology (fully tenured), University of Birmingham, UK
- **Aug 2016 till date** : Adjunct Associate Professor of Medicine University of Calgary
- **2011- 2016**: Clinical Associate Professor of Medicine, University of Calgary, Canada
- **2004-2011**: Consultant Gastroenterologist, Hospital "S.Camillo Forlanini, Rome, Italy
- **2001-2004**: Consultant in Medicine & Gastroenterology Marino Hospital, Rome, Italy

### Professional Organizations

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- Fellow of the American Society of Gastrointestinal Endoscopy (2017)
- Fellow of the Royal College of Physicians of Edinburgh (2019)
- Fellow of American Gastroenterology Association (2020)
- Member of International Organisation of Inflammatory Bowel Disease (2023)
- 2024-Present: Research officer -Governing Board European Crohn's Colitis Organisation (ECCO)
- 2025-Present ESGE/Endoscopy AI working group.
- 2021-Present: European Society Gastrointestinal Endoscopy (ESGE) IBD Quality Improvement Committee working group-nominated assignment
- 2021-Present: European Society of Gastrointestinal Endoscopy (ESGE) nominated Steering Committee Member of Optical Diagnosis Working Group
- 2021 -Present: American Society Gastrointestinal Endoscopy (ASGE) DDW Annual Scientific Program Committee member assignment
- 2020–2022: Lead and PI, NIHR Biomedical Research Centre (BRC) Inflammatory GI Theme, University of Birmingham, Birmingham, UK.
- 2020-2022: Joint Advisory Group (JAG) Royal College of Physicians and British Society of Gastroenterology for Education
- **2019- Present: Nominated Steering Committee** member of the Guidelines of the **European Society of Gastrointestinal Endoscopy (ESGE)**
- **2019- Present: Nominated Steering Committee** member of the Guidelines Committee of the European Crohn's Colitis Organisation Europe (ECCO)
- **2018 – 2022: Lead of academic advanced endo -therapy of complex polyps in the colon** Queen Elizabeth Hospital, Birmingham, UK
- **2018 -2022: Lead for IBD Endoscopy, EduCom , European Crohn's and Colitis Organization** (ECCO)
- **2017 –2022: Lead of NIHR Wellcome Trust Clinical Research Facility Advanced Endoscopy** University of Birmingham, UK
- **2017-2020: Chairperson of the Scientific Committee of the American Society of Gastrointestinal Endoscopy (ASGE)**

### Main Scientific Publications

1. **Iacucci M.**, Majumder S., Zammarchi I. et al. Automated real-time imaging of intestinal barrier integrity and molecular profiling for early outcome prediction in inflammatory bowel disease - Endo-Histo-Barrier-Omics study. *J Crohn Colitis*. 2025;
2. **Iacucci M.**, Vadori V, Meseguer P, Zammarchi I, Santacroce G, Del Amor R, Zardo D, Hayes B, Crotty R, Burke L, Kolawole BB, Chaudhuri U, Danese S, Ghosh S, Naranjo V, Grisan E. Detection, localisation, and quantification of neutrophils to assess disease activity and early response to therapy in Ulcerative Colitis: a novel AI-driven model Article. *eClinicalMedicine*, 2025.
3. **Iacucci M.**, Santacroce G, Meseguer P, Diéguez A, Del Amor R, Kolawole BB, Chaudhuri U, Zammarchi I, Hayes B, Crotty R, Zardo D, Maeda Y, Puga-Tejada M, Ditunno I, Vadori V, Burke L, D'Amico F, Ghosh S, Grisan E, Naranjo V. *Endo-Histo foundational fusion model: a novel artificial intelligence for assessing histologic remission and response to therapy in ulcerative colitis clinical trial* *Crohns Colitis* 2025 Jul 3;19(7):jjaf108.doi: 10.1093/ecco-jcc/jjaf108.
4. Majumder S, Santacroce G, Maeda Y, Zammarchi I, Puga-Tejada M, Ditunno I, Hayes B, Crotty R, Fennell E, Shivaji UN, Abdawn Z, Hejmadi R, Parigi TL, Nardone OM, Murray P, Burke L, Ghosh S, **Iacucci M**. *Endocytoscopy with automated multispectral intestinal barrier pathology imaging to assess deep healing to predict outcome in ulcerative colitis*. *Gut*. 2024 Sep 9; 73:1603-1606.
5. Gui XG, Villanacci V, Bazarova A, del Amor R, Vieth M, De Hertogh G, Zardo D, Parigi TL, Røyset E, Shivaji U, Monica M, Mandelli G, Bhandari P, Danese S, Ferraz J, Goetz M, Hayee B, Lazarev, Parra-Blanco A, Pastorelli L, Panaccione R, Rath T, Tontini GE, Kiesslich R, Bisschops R, Grisan E, Naranjo V, Ghosh S, **Iacucci M.** *PICaSSO Histologic Remission Index (PHRI) in Ulcerative Colitis – Development of a Novel Simplified Histological Score for Monitoring Mucosal Healing and Predicting Clinical Outcomes and its Applicability in an Artificial Intelligence System*. *Gut* 2022; 71:889-898
6. **Iacucci M.**, Parigi TL, Del Amor R, Meseguer P, Mandelli G, Bozzola A, Bazarova A, Bhandari P, Bisschops R, Danese S, De Hertogh G, Ferraz JG, Goetz M, Grisan E, Gui X, Hayee B, Kiesslich R, Lazarev M, Panaccione R, Parra-Blanco A, Pastorelli L, Rath T, Røyset ES, Tontini GE, Vieth M, Zardo D, Ghosh S, Naranjo V, Villanacci V. *Artificial Intelligence Enabled Histological Prediction of Remission or Activity and Clinical Outcomes in Ulcerative Colitis*. *Gastroenterology* 2023; 7:1180-1188
7. Ohara J, Maeda Y, Ogata N, Kuroki T, Misawa M, Kudo S, Nemoto T, Yamochi T, **Iacucci M.** *Automated Neutrophil Quantification and Histological Score Estimation in Ulcerative Colitis*. *Clin Gastroenterol Hepatol* 2024 *Clin Gastroenterol Hepatol*. 2025; 23:846-854
8. **Iacucci M.**, Zammarchi I, Santacroce G, Kolawole BB, Chaudhuri U, Del Amor R, Meseguer P, Naranjo V, Puga-Tejada M, Capobianco I, Ditunno I, Buda A, Hayes B, Crotty R, Bisschops R, Ghosh S, Grisan E; PICaSSO group. *A Novel Switching of Artificial Intelligence to Generate Simultaneously Multimodal Images to Assess Inflammation and Predict Outcomes in Ulcerative Colitis*. *Dig Endosc* 2025 Jun 16. doi: 10.1111/den.15067.
9. **Iacucci M.**, Smith SCL, Bazarova A, Shivaji UN, Bhandari P, Cannatelli R, Daperno M, Ferraz J, Goetz M, Gui X, Hayee B, De Hertogh G, Lazarev M, Li J, Nardone OM, Parra-Blanco A, Pastorelli L, Panaccione R, Occhipinti V, Rath T, Tontini GE, Vieth M, Villanacci V, Zardo D, Bisschops R, Kiesslich R, Ghosh S. *An international multicenter real-life prospective study of electronic chromoendoscopy score PICaSSO in Ulcerative Colitis*. *Gastroenterology*, 2021;5:1558-1569
10. **Iacucci M.**, Cannatelli R, Parigi TL, Nardone OM, Tontini GE, Labarile N, Buda A, Rimondi A, Bazarova A, Bisschops R, Del Amor R, Meseguer P, Naranjo V, Group P, Ghosh S, Grisan E. *A Virtual Chromoendoscopy Artificial Intelligence system to detect endoscopic and histologic activity/remission and predict clinical outcomes in Ulcerative Colitis*. *Endoscopy* 2022; 55:332-341
11. **Iacucci M.**, Jeffery L, Acharjee A, Grisan E, Buda A, Nardone OM, Smith SCL, Labarile N, Zardo D, Ungar B, Hunter S, Mao R, Cannatelli R, Shivaji UN, Parigi TL, Reynolds GM, Gkoutos GV, Ghosh S. *Computer-aided imaging analysis of probe-based confocal laser endomicroscopy with molecular labelling and gene expression identifies markers of response to biological therapy in IBD patients: The Endo-Omics study*. *Inflamm Bowel Dis*.2023; 29: 1409-1420.
12. **Iacucci M.**, Jeffery L, Acharjee A, Nardone OM, Zardo D, Smith SCL, Bazarova A, Cannatelli R, Shivaji UN, Williams J, Gkoutos G, Ghosh S. *Ultra-high Magnification Endocytoscopy and Molecular Markers for defining histologic*

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*Remission in Ulcerative Colitis-An Exploratory Study to Define Deep Remission, Inflamm Bowel Dis 2021; 27:1179-1730*

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