

## ALLEGATO E - Curriculum Vitae di Raffaele Borghini

### Informazioni personali

Raffaele Borghini,

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**Madrelingua:** italiana

**Lingue straniere conosciute:** Inglese (liv. europeo C1), Tedesco (liv. europeo B2)

### Formazione accademica

- Laurea in Medicina e Chirurgia, conseguita il 28/09/2011 presso l'Università di Roma "Sapienza", con voto finale di 110/110 e Lode.
- Abilitazione alla professione di Medico Chirurgo presso Università di Roma "Sapienza" conseguita nella sessione di Novembre 2011.
- Iscrizione all'Albo dei Medici Chirurghi di Roma in data 01/03/2012.
- Specializzazione in Gastroenterologia ed Endoscopia Digestiva conseguita il 19/07/2017 presso Policlinico Umberto I - Università di Roma "Sapienza", con voto finale di 70/70 e Lode.
- Dottorato di Ricerca in "Epatologia-Gastroenterologia Sperimentale e Clinica" presso Università di Roma "Sapienza" conseguito in data 17.02.2021

### Esperienza lavorativa pluriennale in:

- Attività clinica ambulatoriale;
- Endoscopia digestiva (esofagogastroduodenoscopia, pancolonscopia) diagnostica e operativa (polipectomie endoscopiche) (eseguiti più di 1000 esami endoscopici annui);
- Assistenza medica in reparto degenza ospedaliera (ambito gastroenterologico e internistico);
- Meeting clinici (case reports);
- Lezioni frontali e attività didattiche professionalizzanti in ambito universitario (Facoltà di Medicina);
- Incontri clinici medico-pazienti in ambito gastroenterologico e nutrizionistico;
- Team-building e problem-solving in ambito assistenziale ospedaliero e ricerca scientifica;
- Attività di laboratorio (ricerca scientifica e diagnostica);
- Scrittura articoli scientifici (lingua inglese e italiana).

### Frequenza corsi:

- Basic Life Support Defibrillation - BLS D ESECUTORE (anno 2012)
- ALS Gestione SCA (anno 2014)
- Addestramento nella Gestione avanzata delle vie aeree e nel monitoraggio delle aritmie e farmaci (anno 2014)
- ESPEN LLL COURSE – Home Parenteral Nutrition in adults (anno 2017)

### Iscrizione a società:

- SIGE - Società Italiana di Gastroenterologia (dall'anno 2013)

### **Attività di ricerca scientifica universitaria**

- Collaboratore presso il Centro di Ricerca e Studio della Malattia Celiaca – Dipartimento di Medicina Traslazionale e di Precisione, Policlinico Umberto I, Università “Sapienza”, Roma (dal 2008 al 2021);
- Partecipante in Progetti di Ricerca Università Sapienza (anno 2010, 2012, 2013, 2017, 2018).

### **Pubblicazioni scientifiche**

- Coautore di capitolo in libro “Digestive Diseases. 2019-2022 Edition” (versione inglese), Unigastro, Edra Editore, 2019 - Chapter 19 “Celiac disease”.
- Coautore di 41 articoli pubblicati su riviste scientifiche internazionali (impact factor: 108,845, h-index: 10);
- Coautore di 32 abstract pubblicati su riviste scientifiche o proceedings of conference internazionali.

### **Comitato editoriale**

- Membro del Junior Editorial Board della rivista “*Techniques in Coloproctology*” - Springer (Impact Factor 2.378), 2019

### **Attività di revisore**

Ad oggi, revisore per le seguenti riviste scientifiche:

- Journal of Psychosomatic Research (2016) Impact Factor: 2.947
- Journal of Parenteral and Enteral Nutrition (2018, 2020, 2022) Impact Factor: 4.249
- Ecology of Food and Nutrition (2019) Impact Factor: 1.343
- Techniques in Coloproctology (TCOL) (2019, 2019, 2020, 2021) Impact Factor 2.635
- International Journal of Colorectal Disease (2020) Impact Factor: 2.641
- Nutrients (2020, 2021) Impact Factor 4.546
- Cells (2021) Impact Factor 6.6

### **Altri titoli:**

- **Partecipante e Relatore** in molteplici congressi, nazionali e internazionali
- **Collaboratore** presso “**Stella Maris**” S.t.p. – Via Giuseppe Prina, 8 Roma (dal 2017)
- **Collaboratore** presso **PROGETTO I-SALUS S.R.L. - Via Dalmazia 29 - 00198 Roma** (dal 2018)
- **Libero professionista** presso **Casa di Cura Nostra Signora della Mercede, Via Tagliamento, 25 - 00198 Roma** (dal 2018)
- **Collaboratore** presso **Poliambulatorio Polispecialistico Domus Mulieris** - via dei Monti Cimini, 50, 01100 Viterbo VT (dal 2021)
- **Consulente scientifico** per conto di **SHIRE ITALIA S.P.A.** (2015, 2017, 2018, 2019)
- **Collaboratore** presso **POLIAMBULATORIO TALENTI s.r.l. – Roma** (2018)

## Pubblicazioni scientifiche

### Capitoli di libri

- Coautore di capitolo in libro “Digestive Diseases. 2019-2022 Edition” (versione inglese), Unigastro, Edra Editore, 2019 - Chapter 19 “Celiac disease”.

### Articoli internazionali

1. Picarelli A, Di Tola M, Sabbatella L, Mercuri V, Pietrobono D, Bassotti G, D'Amico T, Donato G, Picarelli G, Marino M, **Borghini R**, Centanni M, Gargiulo P. Type 1 diabetes mellitus and celiac disease: endothelial dysfunction. *Acta Diabetol.* 2013 Aug;50(4):497-503. (Article - [IF: 3.34](#))
2. Picarelli A, Di Tola M, Tabacco F, Marino M, **Borghini R**, D'Amico T, Lubrano C, Gargiulo P. Enhancing treatment of obesity by using a distracting mini-meal: a new approach to an old problem. *Hormones (Athens).* 2013 Jan-Mar;12(1):101-10. (Article - [IF: 1.198](#))
3. Picarelli A, Di Tola M, Marino M, Libanori V, **Borghini R**, Salvi E, Donato G, Vitolo D, Tiberti A, Marcheggiano A, Bassotti G, Corazziari E. Usefulness of the organ culture system when villous height/crypt depth ratio, intraepithelial lymphocyte count, or serum antibody tests are not diagnostic for celiac disease. *Transl Res.* 2013 Mar;161(3):172-80. (Article - [IF: 4.652](#))
4. Picarelli A, Di Tola M, **Borghini R**, Isonne C, Saponara A, Marino M, Casale R, Tiberti A, Pica R, Donato G, Frieri G, Corazziari E. Colonic involvement in celiac disease and possible implications of the sigmoid mucosa organ culture in its diagnosis. *J Clin Immunol.* 2013 Oct;33(7):1250-6. (Article - [IF: 3.253](#))
5. Picarelli A, **Borghini R**, Isonne C, Di Tola M. Reactivity to dietary gluten: new insights into differential diagnosis among gluten-related gastrointestinal disorders. *Pol Arch Med Wewn.* 2013;123(12):708-12. Epub 2013 Dec 16. (Article - [IF: 2.191](#))
6. Di Tola M, Marino M, Amodeo R, Tabacco F, Casale R, Portaro L, **Borghini R**, Cristaudo A, Manna F, Rossi A, De Pità O, Cardelli P, Picarelli A. Immunological characterization of the allergic contact mucositis related to the ingestion of nickel-rich foods. *Immunobiology.* 2014 Jul;219(7):522-30. (Article - [IF: 2.72](#))
7. Picarelli A, **Borghini R**, Donato G, Di Tola M, Boccabella C, Isonne C, Giordano M, Di Cristofano C, Romeo F, Di Cioccio G, Marcheggiano A, Villanacci V, Tiberti A. Weaknesses of histological analysis in celiac disease diagnosis: new possible scenarios. *Scand J Gastroenterol.* 2014 Nov;49(11):1318-24. (Article - [IF: 2.526](#))
8. **Borghini R**, Donato G, Di Tola M, Isonne C, Picarelli A. Mutatis mutandis: are we diagnosing too many people with non-celiac gluten sensitivity? Multiple case report. *Turk J Gastroenterol.* 2014 Jun;25(3):319-22. (Article - [IF: 0.932](#))
9. Picarelli A, Di Tola M, **Borghini R**, Isonne C, Donato G, De Vitis I, Frieri G. The High Medical Cost of Celiac Disease Missed Diagnosis: Is it Cheaperto Suspect it in Time? *Inter. Med* 2014; 4: 3.
10. **Borghini R**, Picarelli A. Authors' reply. *Turk J Gastroenterol.* 2014 Aug;25(4):457. (Article - [IF: 0.932](#))
11. Khalesi M, Jafari SA, Kiani M, Picarelli A, **Borghini R**, Sadeghi R, Eghtedar A, Ayatollahi H, Kianifar HR. In Vitro Gluten Challenge Test for Celiac Disease Diagnosis: Systematic Review and Meta-Analysis. *J Pediatr Gastroenterol Nutr.* 2015 Jul 20. [Epub ahead of print]. (Article - [IF: 2.799](#))
12. Di Tola M, Marino M, Casale R, Di Battista V, **Borghini R**, Picarelli A. Extension of the celiac intestinal antibody (CIA) pattern through eight antibody assessments in fecal supernatants from patients with celiac disease. *Immunobiology.* 2015 Jul 26. pii: S0171-2985(15)30040-1. (Article - [IF: 2.72](#))
13. **Borghini R**, Puzzono M, Rosato E, Di Tola M, Marino M, Greco F, Picarelli A. Nickel-Related Intestinal Mucositis in IBS-Like Patients: Laser Doppler Perfusion Imaging and Oral Mucosa Patch Test in Use. *Biol Trace Elem Res.* 2016 Sep;173(1):55-61. (Article - [IF: 2.399](#))
14. Picarelli A, **Borghini R**, Di Tola M, Marino M, Urciuoli C, Isonne C, Puzzono M, Porowska B, Rumi G, Lonardi S, Salemme M, Tiberti A, Rizzo C, Donato G, Villanacci V. Intestinal, Systemic, and Oral Gluten-related Alterations in Patients With Nonceliac Gluten Sensitivity. *J Clin Gastroenterol.* 2016 Nov/Dec;50(10):849-858. (Article - [IF: 3.328](#))

15. Di Tola M, Marino M, Goetze S, Casale R, Di Nardi S, **Borghini R**, Donato G, Tiberti A, Picarelli A. Identification of a serum transglutaminase threshold value for the noninvasive diagnosis of symptomatic adult celiac disease patients: a retrospective study. *J Gastroenterol*. 2016 Nov;51(11):1031-1039. (Article - [IF: 4.493](#))
16. **Borghini R**, Caronna R, Picarelli A, Corazziari ES. Results of 12-month rescue treatment with Teduglutide in severely active and parenteral nutrition-dependent Crohn's disease. *Turk J Gastroenterol*. 2017 Jan;28(1):73-74. (Article - [IF: 0.932](#))
17. **Borghini R**, Di Tola M, Salvi E, Isonne C, Puzzone M, Marino M, Donato G, Picarelli A. Impact of gluten-free diet on quality of life in celiac patients. *Acta Gastroenterol Belg*. 2016 Sep-Dec;79(2):447-453. (Article - [IF: 0.632](#))
18. Di Tola M, Marino M, Casale R, **Borghini R**, Tiberti A, Donato G, Occhiuzzi U, Picarelli A. One-step immunochromatographic visual assay for anti-transglutaminase detection in organ culture system: An easy and prompt method to simplify the in vitro diagnosis of celiac disease. *J Clin Lab Anal*. 2017 Mar 9. (Article - [IF: 1.521](#))
19. Marino M, Casale R, **Borghini R**, Di Nardi S, Donato G, Angeloni A, Moscaritolo S, Grasso L, Mazzarella G, Di Tola M, Rossi M, Picarelli A. The effects of modified versus unmodified wheat gluten administration in patients with celiac disease. *Int Immunopharmacol*. 2017 Jun;47:1-8. (Article - [IF: 2.956](#))
20. **Borghini R**, Donato G, Alvaro D, Picarelli A. New insights in IBS-like disorders: Pandora's box has been opened; a review. *Gastroenterol Hepatol Bed Bench*. 2017 Spring;10(2):79-89. Review. (Article - [IF: 1.28](#))
21. **Borghini R**, Donato G, Marino M, Casale R, Picarelli A. Culture of gastric biopsies in celiac disease and its relationship with gastritis and Helicobacter pylori infection. *Dig Liver Dis*. 2017 Oct 24. pii: S1590-8658(17)31262-8. (Article - [IF: 3.061](#))
22. Di Tola M, Casale R, Marino M, **Borghini R**, Occhiuzzi U, Picarelli A. Anti-transglutaminase detection followed by endomysium antibody confirmation test on monkey esophagus is the best strategy to screen for celiac disease. *Scand J Clin Lab Invest*. 2018 May;78(3):243-244. (Article - [IF: 1.471](#))
23. **Borghini R**, Caronna R, Corazziari ES, Picarelli A. Further improvement after 24-month treatment with teduglutide in a patient with active Crohn's disease and short bowel syndrome. *Turk J Gastroenterol* 2018; 29: 250-1. (Article - [IF: 0.932](#))
24. **Borghini R**, Donato G, Marino M, Casale R, Tola MD, Picarelli A. In extremis diagnosis of celiac disease and concomitant wheat allergy. *Turk J Gastroenterol*. 2018 Jul;29(4):515-517. (Article - [IF: 0.932](#))
25. Trecca A, Ortica F, Marinozzi G, **Borghini R**, Camponi C, Baldi A. Gastrointestinal stromal tumor with skeinoid fibers: an unusual presentation. *Tech Coloproctol*. 2018 Nov;22(11):895-897. (Article - [IF: 2.635](#))
26. Tappero G, Parente R, **Borghini R**, Trecca A. A dark polyp in the anorectum. *Tech Coloproctol*. 2019 Nov;23(11):1097-1099. (Article - [IF: 2.635](#))
27. Trecca A, Catalano F, Bella A, **Borghini R**. Robotic colonoscopy: efficacy, tolerability and safety. Preliminary clinical results from a pilot study. *Surg Endosc*. 2020 Mar;34(3):1442-1450. (Article - [IF: 3.209](#))
28. **Borghini R**, Porpora MG, Casale R, Marino M, Palmieri E, Greco N, Donato G, Picarelli A. Irritable Bowel Syndrome-Like Disorders in Endometriosis: Prevalence of Nickel Sensitivity and Effects of a Low-Nickel Diet. An Open-Label Pilot Study. 2020 Jan 28;12(2):341. (Article - [IF: 4.171](#))
29. Trecca A, Baldi A, Camponi C, Marcheggiano A, **Borghini R**. A difficult colonic lesion with possible missing risk. *Gastrointest Endosc*. 2020 Jul;92(1):220-221. (Article - [IF: 7.229](#))
30. Picarelli A, **Borghini R**, Marino M, Casale R, Di Tola M, Lubrano C, Piermattei A, Gualdi G, Bella A, Donato G, Masselli G. Visceral and subcutaneous adipose tissue as markers of local and systemic inflammation: a comparison between celiac and obese patients using MRI. *Tech Coloproctol*. 2020 Jun;24(6):553-562. (Article - [IF: 2.635](#))
31. Trecca A, Catalano F, **Borghini R**. Robotic colonoscopy in a case of severe dolichocolon and the first case of robotic ileoscopy. *Tech Coloproctol*. 2020 Jun;24(6):603-604. (Article - [IF: 2.635](#))

32. **Borghini R**, Caronna R, Donato G, Picarelli A. GLP-2 analog Teduglutide in active Crohn's disease and short bowel syndrome: Confirmation of anti-inflammatory role and future perspectives. *Dig Liver Dis.* 2020 Jun;52(6):686-687. (Article - IF: 3.037)
33. Tiberti C, Panimolle F, **Borghini R**, Montuori M, Trovato CM, Filardi T, Lenzi A, Picarelli A. Type 1 diabetes, thyroid, gastric and adrenal humoral autoantibodies are present altogether in almost one third of adult celiac patients at diagnosis, with a higher frequency than children and adolescent celiac patients. *Scand J Gastroenterol.* 2020 May;55(5):549-554. (Article – IF: 2.152)
34. Pontone S, Palma R, Donato G, **Borghini R**, Frattaroli S, Raniolo M, Panetta C, Lauriola M. Efficacy of Sedation by Midazolam in Association With Meperidine or Fentanyl and Role of Patient Distress During Elective Colonoscopy. *Gastroenterol Nurs.* 2020 May/Jun;43(3):258-263. (Article – IF: 0.511)
35. Catalano F, Cerofolini A, Mengardo V, Tomezzoli A, **Borghini R**, Trecca A. Small type O-IIa de novo colon cancer treated with curative endoscopic full-thickness resection (EFTR). *Tech Coloproctol.* 2020 Jul;24(7):781-783. (Article – IF: 2.635)
36. **Borghini R**, De Amicis N, Bella A, Greco N, Donato G, Picarelli A. Beneficial Effects of a Low-Nickel Diet on Relapsing IBS-Like and Extraintestinal Symptoms of Celiac Patients during a Proper Gluten-Free Diet: Nickel Allergic Contact Mucositis in Suspected Non-Responsive Celiac Disease. *Nutrients.* 2020 Jul 29;12(8):E2277. (Article - IF: 4.171)
37. Tappero G, Parente R, **Borghini R**, Trecca A. Cold snare EMR of a flat lesion in the right colon of a high-risk patient. *Tech Coloproctol.* 2021 Feb 17. (Article – IF: 2.635)
38. **Borghini R**, Vescovo M, Giordano C, Donato G, Picarelli A. Onset of Suspected Ulcerative Colitis After Treatment With Tocilizumab in Patient With Celiac Disease and Juvenile Idiopathic Arthritis. *Inflamm Bowel Dis.* 2021 Feb 22:izab036. (Letter to the editor – IF: 4.261)
39. **Borghini R**, Villanacci V, Oberti A, Caronna R, Trecca A. Long-term Effects of Teduglutide on Intestinal Mucosa in a Patient With Crohn's Disease and Short Bowel Syndrome: Clinical, Endoscopic and Histological Data Compared. *Inflamm Bowel Dis.* 2021 Jul 13:izab171. (Letter to the editor – IF: 4.261)
40. Trecca A, **Borghini R**. Artificial intelligence in endoscopy: an advantageous automatic co-pilot or the tale of "The Emperor's New Clothes"? *Tech Coloproctol.* 2021 Sep 18. doi: 10.1007/s10151-021-02505-9. (Article – IF: 2.635)
41. Miglietta S\*, **Borghini R\***, Relucenti M, Sorrentino V, Chen R, Li X, Fazi F, Donato G, Familiari G, Petrozza V, Picarelli A. New Insights into Intestinal Permeability in Irritable Bowel Syndrome-Like Disorders: Histological and Ultrastructural Findings of Duodenal Biopsies. *Cells.* 2021 Sep 29;10(10):2593. (Article – IF: 6.600) \*both authors equally contributed to the paper

Totale articoli: **41**

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h-index: **10**

### **Abstract internazionali**

1. Di Tola M, Libanori V, De Nitto D, Marino M, **Borghini R**, Donato G, Scandone L, De Luca O, Tabacco F, Amodeo R, Ruggeri M, Picarelli A. One-step immunochromatographic visual assay in organ culture system: an useful tool in the diagnostic work-up of celiac disease. *Italian Journal of Laboratory Medicine*, October 2009; 5(Suppl. to No. 3): 146.
2. Di Tola M, Marino M, Casale R, **Borghini R**, Donato G, Vitolo D, Marcheggiano A, Picarelli A. New serological markers in the diagnosis and monitoring of celiac disease. *Digestive and Liver Disease*, March 2012; 44(Suppl. 2): S156-7.
3. Picarelli A, Di Tola M, Marino M, **Borghini R**, Libanori V, Casale R, Isonne C, Salvi E, Donato G, Vitolo D, Marcheggiano A, Corazziari E. The organ culture system to prevent celiac disease underdiagnosis. *Gastroenterology*, May 2012; 142(5, Suppl. 1): S273.
4. Di Tola M, Marino M, Casale R, **Borghini R**, Donato G, Vitolo D, Marcheggiano A, Picarelli A. Anti-actin antibodies, fatty acid-binding proteins, and calprotectin as new serological markers in the diagnosis and monitoring of celiac disease. *Gastroenterology*, May 2012; 142(5, Suppl. 1): S276.
5. Di Tola M, Marino M, Libanori V, **Borghini R**, Salvi E, Donato G, Vitolo D, Tiberti A, Marcheggiano A, Bassotti G, Corazziari E, Picarelli A. Usefulness of the organ culture system when villous height/crypt depth ratio, intraepithelial lymphocyte count, and/or serum antibody testing are not

- diagnostic for celiac disease. Proceedings del “26° Congresso Nazionale SIMeL” - Salerno, 3-5 ottobre 2012. Comunicazione orale 048.
6. Picarelli A, **Borghini R**, Isonne C, Di Tola M, Marino M, Casale R, Puzzono M, Ventura F, Urciuoli C, Tiberti A, Pica R, Frieri G. Colonic mucosal organ culture: its opportunistic use to detect celiac disease. *Digestive and Liver Disease*, March 2013; 45(Suppl. 2): S122-3.
  7. **Borghini R**, Urciuoli C, Di Tola M, Marino M, Casale R, Isonne C, Puzzono M, Ventura F, Rizzo C, Picarelli A. A new test for gluten sensitivity is born? *Digestive and Liver Disease*, March 2013; 45(Suppl. 2): S123-4.
  8. **Borghini R**, Urciuoli C, Isonne C, Donato G, Di Tola M, Ventura F, Puzzono M, Marino M, Casale R, Rizzo C, Picarelli A. A new test for gluten sensitivity was born? *Gastroenterology*, May 2013; 144(5, Suppl. 1): S251.
  9. Di Tola M, Marino M, Amodeo R, Tabacco F, Casale R, Portaro L, Bove M, **Borghini R**, Cristaudo A, Manna F, Rossi A, De Pità O, Cardelli P, Picarelli A. Immunological characterization of the allergic contact mucositis related to the ingestion of nickel-rich foods. Proceedings del “27° Congresso Nazionale SIMeL” - Torino, 9-10 ottobre 2013. Poster 021.
  10. Di Tola M, Marino M, Casale R, Tiberti A, Boccabella C, Puzzono M, Urciuoli C, Ventura F, Isonne C, **Borghini R**, Donato G, Picarelli A. IgA/IgG anti-tTG/DGP contemporary detection may improve the serodiagnosis of celiac disease in patients with discordant antibody results. Proceedings del “27° Congresso Nazionale SIMeL” - Torino, 9-10 ottobre 2013. Comunicazione orale 076.
  11. Di Tola M, Marino M, Casale R, Di Battista V, Tiberti A, Donato G, **Borghini R**, Di Nardi S, Goetze S, Picarelli A. Comparison between anti-transglutaminase serum levels and the degree of duodenal lesions: identification of a threshold value useful to the serodiagnosis of celiac disease in adults. Proceedings del “28° Congresso Nazionale SIMeL” - Rimini, 29-30 ottobre 2014. Comunicazione orale 098.
  12. Di Tola M, Goetze S, Marino M, Di Nardi S, **Borghini R**, Tiberti A, Donato G, Picarelli A. Comparison between anti-transglutaminase serum levels and the degree of duodenal lesions: identification of a threshold value useful to the serodiagnosis of celiac disease in adults. *Gastroenterology*, April 2015; 148(4, Suppl. 1): S282-3.
  13. Picarelli A, Puzzono M, **Borghini R**, Greco F, Di Nardi S, Rosato E, Di Tola M. Usefulness of laser doppler perfusion imaging to objectify the oral mucosa patch test in the diagnosis of allergic contact mucositis to nickel. *Gastroenterology*, April 2015; 148(4, Suppl. 1): S642.
  14. Mariacatia Marino, Rossella Casale, Sara Di Nardi, Giuseppina Gerratana, Maria Santulli, Antonio Angeloni, **Raffaele Borghini**, Giuseppe Donato, Barbara Porowska, Antonio Tiberti, Mauro Rossi, Marco Di Tola, Antonio Picarelli. Su1178 Effects of Modified Wheat Gluten Administration in Patients With Celiac Disease: Results of a Double-Blind, Gluten-Controlled Clinical Trial. *Gastroenterology*, April 2016, Volume 150, Issue 4, Supplement 1, Issue 4, S488.
  15. **Raffaele Borghini**, Francesca Greco, Gabriele Masselli, Carla Lubrano, Marco Di Tola, Giuseppe Donato, Alessandra Piermattei, Antonio Picarelli. Su2078 T2 Turbo-Spin-Echo (T2-TSE) MRI for Visceral and Subcutaneous Inflammatory Quantification in Active Celiac and Obese Patients. *Gastroenterology*, April 2016, Volume 150, Issue 4, Supplement 1, S629.
  16. Mariacatia Marino, Rossella Casale, Sara Di Nardi, Giuseppina Gerratana, Maria Santulli, Antonio Angeloni, **Raffaele Borghini**, Giuseppe Donato, Barbara Porowska, Antonio Tiberti, Mauro Rossi, Marco Di Tola, Antonio Picarelli. Effects of modified wheat gluten administration in patients with celiac disease: results of a double-blind, gluten-controlled clinical trial. 22° Congresso Nazionale delle Malattie Digestive Napoli 24 – 27 febbraio 2016 (FISMAD 2016). Presentazione orale.
  17. **Borghini, R.** et al. P.06.1 USEFULNESS OF LASER DOPPLER PERFUSION IMAGING TO OBJECTIFY THE ORAL MUCOSA PATCH TEST IN THE DIAGNOSIS OF ALLERGIC CONTACT MUCOSITIS IN NICKEL-SENSITIVE PATIENTS. *Digestive and Liver Disease*, Volume 48, e153. Abstract di 22° Congresso Nazionale delle Malattie Digestive Napoli 24 – 27 febbraio 2016 (FISMAD 2016). Poster. Premio per il miglior contributo scientifico della Sessione Poster “Celiachia 1”.
  18. M. Di Tola, M. Marino, S. Goetze, R. Casale, S. Di Nardi, **R. Borghini**, G. Donato, A. Tiberti, A. Picarelli. P.12.3 IDENTIFICATION OF A SERUM ANTI-TRANSGLUTAMINASE THRESHOLD VALUE FOR THE NONINVASIVE DIAGNOSIS OF CELIAC DISEASE IN ADULTS. *Digestive and Liver Disease*, Volume 48, e185. Abstract di 22° Congresso Nazionale delle Malattie Digestive Napoli 24 – 27 febbraio 2016 (FISMAD 2016). Poster.

19. **Raffaele Borghini**, Mariacatia Marino, Rossella Casale, Francesca Puce, Natascia De Amicis, Martina Simoncelli, Veronica Tomassini, Giuseppe Donato, and others. CULTURE OF CELIAC GASTRIC BIOPSIES: NEW EVIDENCES OF A MULTISYSTEMIC DISORDER. *Gastroenterology*, Vol. 152, Issue 5, S263. Published in issue: April 2017. (DDW 2016). Poster.
20. **Raffaele Borghini**, Mariacatia Marino, Rossella Casale, Marco Di Tola, Barbara Porowska, Vincenzo Villanacci, Antonio Tiberti, Giuseppe Donato, and others. NICKEL ALLERGIC CONTACT MUCOSITIS: DUODENAL HISTOLOGICAL, IMMUNOHISTOCHEMICAL AND CULTURAL CHARACTERIZATION OF AN EMERGING CLINICOPATHOLOGIC ENTITY. *Gastroenterology*, Vol. 152, Issue 5, S813. Published in issue: April 2017. (DDW 2016). Poster.
21. **R. Borghini\***, G. Donato[1], B. Porowska[1], M. Di Tola[1], M. Marino[1], R. Casale[1], A. Tiberti[1], V. Villanacci[2], A. Picarelli[1] [1]Roma, [2]Brescia P.03.18. NICKEL ALLERGIC CONTACT MUCOSITIS: DUODENAL HISTOLOGICAL, IMMUNOHISTOCHEMICAL AND CULTURAL CHARACTERIZATION OF AN EMERGING CLINICOPATHOLOGIC ENTITY. Abstract di 23° Congresso Nazionale delle Malattie Digestive Bologna 29 Marzo-1 Aprile 2017 (FISMAD 2017). Poster.
22. G. Gallusi\*, G. Donato, C. Panetta, R. Palma, P. Pontone, **R. Borghini**, M. Lauriola, S. Pontone Roma. P.12.10. EFFICACY OF SEDATION AND ANALGESIA BY MIDAZOLAM IN ASSOCIATION WITH MEPERIDINE OR FENTANYL FOR ELECTIVE COLONOSCOPY Abstract di 23° Congresso Nazionale delle Malattie Digestive Bologna 29 Marzo-1 Aprile 2017 (FISMAD 2017). Poster.
23. F. Puce\*, **R. Borghini**, M. Marino, R. Casale, G. Donato, E. Rosato, A. Picarelli Roma NON-CELIAC GLUTEN SENSITIVITY DIAGNOSIS: COMPARISON BETWEEN IN-VIVO CHALLENGE ACCORDING TO "SALERNO EXPERTS' CRITERIA" AND GLUTEN ORAL MUCOSA PATCH TEST. Abstract di 24° Congresso Nazionale delle Malattie Digestive Roma 21-24 Marzo 2018 (FISMAD 2018). Oral communication.
24. **R. Borghini\***, M. Simoncelli, M. Marino, R. Casale, M.G. Porpora, A. Picarelli RELATIONSHIP BETWEEN NICKEL ALLERGIC CONTACT MUCOSITIS AND NICKEL-RICH DIET IN SYMPTOMATIC WOMEN SUFFERING FROM ENDOMETRIOSIS. Abstract di 24° Congresso Nazionale delle Malattie Digestive Bologna 21-24 Marzo 2018 (FISMAD 2018). Poster.
25. F. Puce\*, **R. Borghini**, M. Marino, R. Casale, G. Donato, E. Rosato, A. Picarelli NON-CELIAC GLUTEN SENSITIVITY DIAGNOSIS: COMPARISON BETWEEN IN-VIVO CHALLENGE ACCORDING TO "SALERNO EXPERTS' CRITERIA" AND GLUTEN ORAL MUCOSA PATCH TEST. (2883386), poster presentation Digestive Disease Week® (DDW) 2018 at the Walter E. Washington Convention Center, Washington, D.C., June 2-5, 2018.
26. **R. Borghini\***, M. Simoncelli, M. Marino, R. Casale, M.G. Porpora, A. Picarelli RELATIONSHIP BETWEEN NICKEL ALLERGIC CONTACT MUCOSITIS AND NICKEL-RICH DIET IN SYMPTOMATIC WOMEN SUFFERING FROM ENDOMETRIOSIS. (2872196), poster presentation during Digestive Disease Week® (DDW) 2018 at the Walter E. Washington Convention Center, Washington, D.C., June 2-5, 2018.
27. Puce F., **Borghini R.**, Marino M., Casale R., Donato G., Rosato E., Picarelli A. NON-CELIAC GLUTEN SENSITIVITY Diagnosis: COMPARISON BETWEEN IN-VIVO CHALLENGE ACCORDING TO "SALERNO EXPERTS' CRITERIA" AND GLUTEN ORAL MUCOSA PATCH TEST. abstract "A-946-0048-00744". POSTER presentation and publication. (P1852). UEG Week 2018. October 20-24, 2018, Vienna – Austria.
28. **Borghini R\***, Caronna R., Donato G., Corazziari E.S., Picarelli A. "TREATMENT WITH GLP-2 ANALOG TEDUGLUTIDE IN ACTIVE CROHN'S DISEASE AND SHORT BOWEL SYNDROME: STATE OF THE ART AND CASE REPORT OF THE FIRST ITALIAN EXPERIENCE." - 25°Congresso Nazionale delle Malattie Digestive FISMAD – Roma, 27-30 Marzo 2019 - ORAL COMUNICAZIONE (OC.10.5)
29. Selenia Miglietta, Veronica Sorrentino, Vincenzo Petrozza, Giuseppe Familiari, Giuseppe Donato, **Raffaele Borghini**, Antonio Picarelli. - MORPHOLOGICAL AND ULTRASTRUCTURAL STUDY OF DUODENAL BIOPSIES IN IBS-LIKE DISORDERS – 73° Congresso SIAI (Società Italiana di Anatomia ed Istologia) 22-24 settembre 2019, Napoli. ORAL COMUNICAZIONE (C101).
30. **Borghini R**, Di Loreto F, De Amicis N, Greco N, Milanese A, Vestri AR, Donato G, Picarelli A. RECURRENCE OF GASTROINTESTINAL AND EXTRA-INTESTINAL SYMPTOMS IN

CELIAC PATIENTS AFFECTED BY NICKEL ALLERGIC CONTACT MUCOSITIS: WHEN PROPER GLUTEN-FREE DIET IS NOT ENOUGH. Abstract di 26° Congresso Nazionale delle Malattie Digestive (FISMAD 2020) 1-4 aprile 2020 Rinviato a 09-12 Settembre 2020 – Ergife Palace Hotel, Roma. Poster (T02.02.1).

31. D'Ambrosio A, Margutti P, Vincentini O, Donato G, Zamboni S, Sassano S, Silano M, Greco N, Di Loreto F, **Borghini R**, Picarelli A. ROLE OF EXTRACELLULAR MICROVESICLES IN CELIAC DISEASE AS POTENTIAL PATHOGENETIC AGENTS AND BIOMARKERS OF INTESTINAL INFLAMMATION. Abstract di 26° Congresso Nazionale delle Malattie Digestive (FISMAD 2020) 1-4 aprile 2020 Rinviato a 09-12 Settembre 2020 – Ergife Palace Hotel, Roma. ORAL COMUNICATION.
32. Turriziani O, Falasca F, Donato G, Meacci A, Greco N, Di Loreto F, **Borghini R**, Picarelli A. ANALYSIS OF VIRAL NUCLEIC ACIDS IN DUODENAL BIOPSIES FROM ADULT PATIENTS WITH ACTIVE CELIAC DISEASE: IN SEARCH FOR AN ETIOLOGICAL RELATIONSHIP. Abstract di 26° Congresso Nazionale delle Malattie Digestive (FISMAD 2020) 1-4 aprile 2020 Rinviato a 09-12 Settembre 2020 – Ergife Palace Hotel, Roma. Poster.

### **Altri titoli**

#### Conseguimento

- Maturità Classica presso il liceo “Aristofane” di Roma, con voto finale 100/100 (anno 2005)
- Vincitore V premio del Certamen Horatianum di Venosa (PZ) edizione anno 2004
- European Computer Driving Licence (ECDL) (anno 2001)

Roma 3 Aprile 2022

Dati personali Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 "Codice in materia di protezione dei dati personali".

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f.to Raffaele Borghini