

CURRICULUM VITAE

ALESSIO BUONAVOGLIA

DDS, PhD

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Statement of track record

He is a dentist working in the field of endodontics with major focus on diagnostic procedures and therapeutic aspects. His main focus of interest is oral extractive surgery, implantology and prosthesis. His research focused mainly on endodontic diseases in necrotic teeth, especially on endodontic microbiota and its possible correlation to specific signs, symptoms and prognosis of involved teeth. He also worked on oral pathology and, specifically, on oral manifestations in systemic diseases (Systemic lupus erythematosus, Pemphigus vulgaris). Diagnostic and therapeutic aspects of multiple myeloma is currently his field of interest.

EDUCATION

- 2021:
Doctoral degree (PhD) cum laude in “Biomolecular, pharmaceutical and medical sciences” XXXIII, Faculty of Medicine and Surgery - University of Bari
- 2017:
Master degree in “New clinical tools in contemporary orthodontics” (prof. Roberto Martina, University of Napoli Federico II);
- 2016:
Post graduate training course in “Orthodontics” (prof. Roberto Martina, University of Napoli Federico II);
- 2012:
Master degree in “Oral surgery and implantology” (Prof. Claudio Marchetti, University of Bologna Alma Mater Studiorum);
- 2010:
Master degree in “Clinical endodontics” (Prof. Carlo Prati, University of Bologna Alma Mater Studiorum);
- 28th April 2009:
graduation in Dentistry at the University of Bari (110/110 cum laude);

WORKING EXPERIENCES

- March 2021:
invited speaker in the Master course in “Clinical Endodontics” (University of Bologna Alma Mater Studiorum, prof. Carlo Prati). Title: “*Microbiological perspectives of endodontic diseases*”

- November 2017 to date:
research activity in the laboratory of Cellular and Molecular Immunology (Director Prof. Vito Racanelli) University of Bari, Faculty of Medicine.
- May 2013:
invited speaker of Italian Association of Endodontics (Day Congress of Apulia Section).
Title: “*Sigillo endodontico: analisi dei sealers*”
- Academic year 2012-2013:
tutorial teaching activity in the Master course “Endodonzia Clinica”, University of Bologna Alma Mater Studiorum (Director Prof. Carlo Prati)
- 2009 – 2012:
collaboration in clinical activity in the Dentistry Unit of the Faculty of Medicine of the University of Bologna (Director Prof. Carlo Prati).

PUBLICATIONS

- Lanave G, Loconsole D, Centrone F, Catella C, Capozza P, Diakoudi G, Parisi A, Suffredini E, **Buonavoglia A**, Camero M, Chironna M, Martella V. Astrovirus VA1 in patients with acute gastroenteritis. *TRANSBOUND EMERG DIS*. 2021 jan 7.
- Leone P, Solimando Ag, Malerba E, Fasano R, **Buonavoglia A**, Pappagallo F, De Re V, Argentiero A, Silvestris N, Vacca A, Racanelli V. Actors on the scene: immune cells in the myeloma niche. *FRONT ONCOL*. 2020 oct 29;10:599098.
- Rao L, Giannico D, Leone P, Solimando Ag, Maiorano E, Caporusso C, Duda L, Tamma R, Mallamaci R, Susca N, **Buonavoglia A**, Da Via Mc, Ribatti D, De Re V, Vacca A, Racanelli V. Hb-egf-egfr signaling in bone marrow endothelial cells mediates angiogenesis associated with multiple myeloma. *CANCERS* 2020, 12, 173
- **Buonavoglia A**, Leone P, Solimando Ag, Susca N, Guastadisegno C, Lanave G, Fasano R, Malerba E, Vacca A, Racanelli V. Oral manifestations of systemic lupus erythematosus in concomitance of epstein-barr active replication: a preliminary study. POSTER SESSION CONGRESS "RECENTI PROGRESSI IN ALLERGOLOGIA E IMMUNOLOGIA CLINICA", MATERA 28-30 novembre 2019
- Leone P, Di Lernia G, Fasano R, Solimando Ag, **Buonavoglia A**, Cicco S, Vacca A, Racanelli V. Role of the microrna - 29b in multiple myeloma progression. POSTER SESSION CONGRESS "RECENTI PROGRESSI IN ALLERGOLOGIA E IMMUNOLOGIA CLINICA", MATERA 28-30 novembre 2019
- Di Lernia G, Leone P, Solimando Ag, **Buonavoglia A**, Saltarella I, Ria R, Ditunno P, Silvestris N, Crudele L, Vacca A, Racanelli V. Bortezomib treatment modulates autophagy in multiple myeloma. *J CLIN MED* 2020, 9, 552
- Leone P, Cicco S, Prete M, Solimando Ag, Susca N, Crudele L, **Buonavoglia A**, Colonna P, Dammacco F, Vacca A, Racanelli V. Early echocardiographic detection of left ventricular diastolic dysfunction in patients with systemic lupus erythematosus asymptomatic for cardiovascular disease. *CLIN EXP MED*. 2019 dec 17

- Leone P, **Buonavoglia A**, Fasano R, Solimando Ag, De Re V, Cicco S, Vacca A, Racanelli V. Insights into the regulation of tumor angiogenesis by micro-rnas. J CLIN MED. 2019 nov 20;8(12)
- **Buonavoglia A**, Leone P, Dammacco R, Di Lernia G, Petruzzi M, Bonamonte D, Vacca A, Racanelli V, Dammacco F. Pemphigus and mucous membrane pemphigoid: an update from diagnosis to therapy. AUTOIMMUN REV. 2019 apr;18(4):349-358
- Di Lernia G, Leone P, Saltarella I, Solimando A, **Buonavoglia A**, Ria R, Vacca A, Racanelli V. Bortezomib treatment modulates autophagy in multiple myeloma. POSTER SESSION CONGRESSO " MULTIPLE MYELOMA AND RELATED MALIGNANCIES FOURTH EDITION 2018", BARI 8-10 novembre 2018
- Leone P, Di Lernia G, Solimando A, Saltarella I, Lamannuzzi A, **Buonavoglia A**, Ria R, Vacca A, Racanelli V. Bone marrow endothelial cells sustain a tumor-specific cd8⁺ cell subset with suppressive function in myeloma patients. POSTER SESSION CONGRESSO " MULTIPLE MYELOMA AND RELATED MALIGNANCIES FOURTH EDITION 2018", BARI 8-10 novembre 2018
- Troiano G, Perrone D, Dioguardi M, **Buonavoglia A**, Ardito F, Lomuzio L. IN VITRO EVALUATION OF THE CYTOTOXIC ACTIVITY OF THREE EPOXY-RESIN BASED ENDODONTIC SEALERS. DENT MATER J. 2018 JUN 8; 37(3): 374-378.
- **Buonavoglia A**, Lauritano D, Perrone D, Ardito F, Troiano G, Dioguardi M, Candotto V, Silvestre Fj, Lo Muzio L. Evaluation of chemical-physical properties and cytocompatibility of theracal lc. J BIOL REGUL HOMEOST AGENTS. 2017 apr-jun;31(2 SUPPL 1):1-9.
- Di Bello A, **Buonavoglia A**, Franchini D, Valastro C, Ventrella G, Greco Mf, Corrente M; periodontal disease associated with red complex bacteria in dogs; J SMALL ANIM PRACT. 2014 JAN 23. DOI: 10.1111/JSAP.12179.
- Giammanco Gm, De Grazia S, Tummolo F, Bonura F, Calderaro A, **Buonavoglia A**, Martella V, Medici Mc; Norovirus gii.4/sidney/2012 in Italy, winter 2012-2013; EMERG INFECT DIS. 2013 AUG;19(8):1348-9.
- Prati C., Pelliccioni G.A., **Buonavoglia A**, Gandolfi M.G; Survival of implants placed into fresh-extracted sockets with endodontic lesions; ORAL COMMUNICATION Congresso IADR (INTERNATIONAL ASSOCIATION OF DENTAL RESEARCH)- SEATTLE (USA) 2013
- **Buonavoglia A**, Latronico F, Pirani C, Greco Mg, Corrente M, Prati C; Symptomatic and asymptomatic apical periodontitis associated with red complex bacteria CLINICAL AND MICROBIOLOGICAL EVALUATION; ODONTOLOGY. 2013 JAN;101(1):84-8
- Pirani C, Pelliccioni Ga, Ruggeri O, Cirulli Pp, Iacono F, **Buonavoglia A**, Gandolfi Mg, Prati C; Fatigue resistance and metallurgical analysis of waveone and protaper instruments; POSTER SESSION CONGRESSO IADR (INTERNATIONAL ASSOCIATION OF DENTAL RESEARCH) 2012; HELSINKI-FINLANDIA
- Prati C, **Buonavoglia A**, Solidoro L, Pelliccioni Ga, Siboni F, Gandolfi Mg;

Evaluation of early loaded primaconnex implants placed with three techniques; POSTER SESSION CONGRESSO IADR (INTERNATIONAL ASSOCIATION OF DENTAL RESEARCH) 2012; HELSINKI-FINLANDIA

- Pirani C, **Buonavoglia A**, Cirulli Pp, Baroni C, Chersoni S; The effect of the nrt files instrumentation on the quality of the surface of the root canal wall J APPL BIOMATER FUNCT MATER. 2012 Sep. 27;10(2):136-40
- **Buonavoglia A**, Latronico F, Pirani C, Acquaviva G, Iacono F, Mitrojorgji E, Chersoni S, Prati C; Pcr evaluation of red complex in apical periodontitis; SESSIONE POSTER CONGRESSO NAZIONALE DEI DOCENTI DI DISCIPLINE ODONTOSTOMATOLOGICHE, CHIETI 2010
- **Buonavoglia A**, Latronico F, Greco Mf, D'abramo M, Marinaro M, Mangini F, Corrente M; Methicillin-resistant staphylococci carriage in the oral cavity: a study conducted in bari(italy) ORAL DIS. 2010 Jul;16(5):465-8