

Guido Pasquantonio

Place and date of birth: Rome 05/01/1972

Education

1991: High school degree, Istituto S.Giuseppe Calasanzio, Rome ITALY

1995: Attended as an observer the dental clinic of Bethesda, National Institute of Health (NIH), (Maryland-USA)

1997: Degree in Dental Science, University of Rome Tor Vergata

1998: Italian State board exam

Academic Position:

2015 Today: Associate Professor Department of Clinical Sciences and Translational Medicine of the University of Rome "Tor Vergata"

2005: Research Associate in Dental Science at the University of Rome "Tor Vergata"

2008: Adjunct Professor in Dental Science at the University of Rome "Tor Vergata"

2010: Faculty member of the PhD "MATERIALS FOR HEALTH, ENVIRONMENT AND ENERGY" at the University of Rome "Tor Vergata"

2015: Associate Professor at the University of Rome "Tor Vergata"

Scientific Collaborations:

Since 2000: research fellow at the Department of Anatomy of the University of Bologna, (Prof.A.Manzoli)

Since 2000: research fellow at the Department of Microbiology Prof. G.Nicoletti

Since 2000: research fellow at the Department of Microbiology, Prof. S. Ripa

Since 2003: research fellow at the Department of Dental Sciences at the University of Naples "Federico II", Prof. S.Rengo

Since 2003: research fellow at the Department Dental Science of the University of Trieste, Prof. L.Breschi

2004 research fellow at the Department of dentistry and Maxillofacial Sciences (Prof. S. Rengo) della Faculty of Medicine at the Università of Naples "Federico II" e collabora con il Dipartimento di Scienze Chirurgiche Specialistiche (Prof. L. Breschi) dell'Università degli Studi di Trieste

2004 research fellow at the Department of dentistry (Prof. L.Breschi) at the University of Trieste

2013 Member of a scientific agreement between the university of Rome "Tor Vergata" and the CNR- National Research Council of Italy IMM- Institute for Microelectronics and Microsystems

NATIONAL AND INTERNATIONAL RESEARCH PROJECTS-Ministry of Education Italy

PRIN 2006: Research unit leader Title: Antibacterial activity and anti-biofilm effect of chitosan against strains of Streptococcus mutans isolated in dental plaque

PRIN 2008: Research unit leader Title: Clinical and Microbiological profile of dental plaque in diabetic patients Type

Non-Academic Positions:

Active member of the following Scientific Societies:

1. International Association for Dental Research (IADR)

2. Società Italiana di Odontoiatria Conservativa (SIDOC)

Patents:

International Patents (AMERICA/JAPAN/EUROPE)

ITA BO2001A000418, 2001 PCT/IB02/02565,2002 US Patent N°20030003422 A1 2002- 12.CH.1WE 2002 – 12.DE.1WE 2002 - 12.ES.1WE 2002- 12.FR.1WE 2002 - 12.GB.1WE 2002 - 12.JP.1W 2002

Author of International articles and international abstracts in worldwide meetings

2016-Article

De A, Pasquantonio G, Cerroni L, Petrelli D, Lauro D, Longhi M, Vitali LA. (2016). Genotypic and phenotypic heterogeneity in Streptococcus mutans isolated from diabetic patients in Rome, Italy.. SPRINGERPLUS, vol. 5, ISSN: 2193-1801, doi: DOI 10.1186/s40064-016-3470-0

2016-Article

Ariano V, Mancini M, Cardi A, Condò R, Cerroni L, Pasquantonio G (2016). Immediate Nonfunctional Loading of Two Single-Maxillary Postextractive Implants: 6-Year Postloading Results of Two Case Reports.. CASE REPORTS IN DENTISTRY, vol. 2016, ISSN: 2090-6455, doi: 10.1155/2016/6816907

2016-Article

Armellini E, Bovesecchi G, Coppa P, Pasquantonio G, Cerroni L (2016). LED Curing Lights and Temperature Changes in Different Tooth Sites.. BIOMED RESEARCH INTERNATIONAL, 1894672, ISSN: 2314-6133, doi: 10.1155/2016/1894672

2016-Article

Leo M, Cerroni L, Pasquantonio G, Condò SG, Condò R (2016). Temporary anchorage devices (TADs) in orthodontics: review of the factors that influence the clinical success rate of the mini-implants.. LA CLINICA TERAPEUTICA, vol. 167, p. 70-77, ISSN: 0009-9074, doi: 10.7417/CT.2016.1936

2014 Article-

Longhi M, Cerroni L, Condò SG, Ariano V, Pasquantonio G (2014). The effects of host derived metalloproteinases on dentin bond and the role of MMPs inhibitors on dentin matrix degradation.. ORAL & IMPLANTOLOGY, vol. 3, p. 71-79, ISSN: 1974-5648

2013-Article

Calcaterra R, Pasquantonio G, Vitali LA, Nicoletti M, Di Girolamo M, Mirisola C, Prenna M Condò R, Baggi L (2013). Occurrence of Candida species colonization in a population of denture-wearing immigrants. INTERNATIONAL JOURNAL OF IMMUNOPATHOLOGY AND PHARMACOLOGY, vol. 26, p. 239-246, ISSN: 0394-6320

2013-article

Cassini MA, Pilloni A, Condò SG, Vitali LA, Pasquantonio G, Cerroni L (2013). Periodontal bacteria in the genital tract: are they related to adverse pregnancy outcome?. INTERNATIONAL JOURNAL OF IMMUNOPATHOLOGY AND PHARMACOLOGY, vol. 26, p. 931-939, ISSN: 0394-6320

2013-article

Di Giulio M, di Giacomo V, Di Campli E, Di Bartolomeo S, Zara S, Pasquantonio G, Cataldi A, Cellini L (2013). Saliva improves Streptococcus mitis protective effect on human gingival fibroblasts in presence of 2-hydroxyethyl-methacrylate. JOURNAL OF MATERIALS SCIENCE. MATERIALS IN MEDICINE, vol. 24, p. 1977-1983, ISSN: 0957-4530, doi: 10.1007/s10856-013-4949-7

2013 –Article

di Giacomo V, Pacella S, Rapino M, Di Giulio M, Zara S, Pasquantonio G, Cellini L, Cataldi A. (2013). pPKC α regulates through integrin β 1 human gingival fibroblasts/Streptococcus mitis adhesion in response to HEMA.. INTERNATIONAL ENDODONTIC JOURNAL, vol. 46, p. 1164-1172, ISSN: 0143-2885, doi: 10.1111/iej.12113

2012 - Article

Pasquantonio G, Condo' S, Cerroni L, Bikiqu L, Prenna M, Ripa S. (2012). ANTIBACTERIAL ACTIVITY OF VARIOUS ANTIBIOTICS AGAINST ORAL STREPTOCOCCI ISOLATED IN THE ORAL CAVITY. INTERNATIONAL JOURNAL OF IMMUNOPATHOLOGY AND PHARMACOLOGY, vol. Vol 25 n 3, p. 807-811, ISSN: 0394-6320

2009 - Article

MAZZONI A, VISINTINI E, VITA F, PASQUANTONIO G, SABOIA VP, RUGGERI A JR, DI, LENARDA R, DORIGO E, BRESCHI L (2009). ElectroBond improves immediate dentin microtensile bond strength of two etch-and-rinse adhesives. JOURNAL OF ADHESIVE DENTISTRY, vol. 11, p. 27-33, ISSN: 1461-5185

2009 - Article

PASSARIELLO C, PALAMARA A, GARACI E, PASQUANTONIO G (2009). Herpesviruses and periodontal disease: a cautionary tale. INTERNATIONAL JOURNAL OF IMMUNOPATHOLOGY AND PHARMACOLOGY, vol. 22, p. 263-268, ISSN: 0394-6320

2008 - Article

ARTICO M, BRONZETTI E, FELICI LM, ALICINO V, IONTA B, BRONZETTI B, MAGLIULO G, GRANDE C, ZAMAI L, PASQUANTONIO G, DE VINCENTIIS M (2008). Neurotrophins and their receptors in human lingual tonsil: an immunohistochemical analysis. ONCOLOGY REPORTS, vol. 20(5), p. 1201-1206, ISSN: 1021-335X

2008 - Article

PASQUANTONIO G, GRECO C, PRENNA M, RIPA C, VITALI LA, PETRELLI D, DI LUCA MC, RIPA S (2008). Antibacterial activity and anti-biofilm effect of chitosan against strains of streptococcus mutans isolated in dental plaque. INTERNATIONAL JOURNAL OF IMMUNOPATHOLOGY AND

PHARMACOLOGY, vol. 21, p. 993-997, ISSN: 0394-6320

2008 - Article

VISINTINI E, MAZZONI A, VITA F, PASQUANTONIO G, CADENARO M, DI LENARDA R, BRESCHI L (2008). Effects of thermocycling and use of ElectroBond on microtensile strength and nanoleakage using commercial one-step self-etch adhesives. Eur J Oral Sci. 2008 Dec;116(6):564-70. EUROPEAN JOURNAL OF ORAL SCIENCES, vol. 116, p. 564-570, ISSN: 0909-8836

2008 - Article

GOBBI G, MIRANDOLA P, MALINVERNO C, SPONZILLI I, CARUBBI C, RICCI F, BINAZZI R, BASSO G, GIULIANI-PICCARI G, RAMAZZOTTI G, PASQUANTONIO G, COCCO L, VITALE M (2008). Aberrant expression of B203.13 antigen in acute lymphoid leukemia of B-cell origin. INTERNATIONAL JOURNAL OF ONCOLOGY, vol. 33(2), p. 371-374, ISSN: 1019-6439

2008 - Abstract

Pasquantonio G, Mazzoni A, Greco C, Saboia V.P.A, Vita F, Falconi M, Breschi L (2008). Nanoleakage expression after 1-year aging of adhesives applied with ElectroBond. In: Journal of Dental Research 2008 Abs. 0359.

Pasquantonio G, Greco C, Prenna M, Ripa C, Vitali L.A., Petrelli D, Di Luca M.C., Ripa S. (2008). Antibacterial activity and anti-biofilm effect of chitosan against strains of Streptococcus mutans isolated in dental plaque. INTERNATIONAL JOURNAL OF IMMUNOPATHOLOGY AND PHARMACOLOGY, vol. 21, p. 993-997, ISSN: 0394-6320

2007 –

Article

PASQUANTONIO G, TAY FR, MAZZONI A, SUPPA P, RUGGERI A JR, FALCONI M, DI LENARDA R, BRESCHI L (2007). Electric device improves bonds of simplified etch-and-rinse adhesives. DENTAL MATERIALS, vol. Apr;23(4), p. 513-518, ISSN: 0109-5641

2007 - Abstract

Visintini E., Martin P, Mazzoni A, Cova A, Pasquantonio G, Breschi L, Di Lenarda (2007). Influence of thermo-cycling on self-etch adhesives applied with ElectroBond. In: Journal of Dental Research 2007 Abs. 1498.

2007 - Abstract

Pasquantonio G, Mazzoni A, Cova A, Visintini E, Cadenaro M, Di Lenarda R (2007). Influence of aging on etch-and-rinse adhesives applied with ElectroBond. In: Journal of Dental Research 2007 Abs. 1499.

2007 - Abstract

Vitali L, Rombini S, Petrelli D, D'Ercole S, Pasquantonio G, Ripa C, Prenna M. (2007). Characterisation of unusual patterns of MLS resistance among Streptococcus pyogenes clinical isolates.. In: European Society of Clinical Microbiology and Infection Diseases 2007 Abs.1734-16.

2006 - Article

BRESCHI L, MAZZONI A, PASHLEY DH, PASQUANTONIO G, RUGGERI A, SUPPA P, MAZZOTTI G, DI LENARDA R, TAY FR (2006). Electric-current-assisted application of self-etch adhesives to dentin. JOURNAL OF DENTAL RESEARCH, vol. Dec;85(12), p. 1092-1096, ISSN: 0022-0345

2006 - Abstract

Mazzoni A, Feline C, Pasquantonio G, Mazzotti G, Di Lenarda R (2006). Electric impulses assisted adhesive application on dentin: analysis of nanoleakage. Breschi L, Suppa P., In: Journal of Dental Research 2006 Abs. 1579.

2005 - Article

SBORDONE L, BORTOLAIA C, PERROTTI V, PASQUANTONIO G, PETRONE G. (2005). Clinical and histologic analysis of calcium sulfate in treatment of a post-extraction defect: a case report. IMPLANT DENTISTRY, vol. 14, p. 82-87, ISSN: 1056-6163

2005 - Abstract

Pasquantonio G, Mazzoli A, Suppa P, Mazzotti G, DiLenardaR, Breschi L. DiLenardaR, Breschi L. (2005). Microtensile Bond Strength of Scotchbond1 applied with Electric Impulses. In: Journal of Dental Research 2005 Abs. 0195.

2005 - Abstract

Breschi L, Pasquantonio G, Suppa P, Ruggeri A, Tay F.R. (2005). Nanoleakage of two Bonding Systems Using a Novel Electric Device. In: Journal of Dental Research 2005 Abs 3020.

2005 - Abstract

Mazzoni A, Pasquantonio G, Suppa P, Visintini E, Contardo L, Breschi L (2005). Microtensile Bond Strength of Self-etching Bonding Systems using Electric Impulses.. In: Journal of Dental Research 2005 Abs. 0644.

2005 - Abstract

Pasquantonio G, Suppa P, Tay F.R, Biasotto M, Contardo L, Breschi L (2005). Microtensile Bond Strength of Adhesives Applied with an Electric Device. In: Journal of Dental Research 2005 Abs. 0152.

2004 - Article

D'ERCOLE S, D'ARCANGELO C, CATAMO G, PROSPERI GD, TRIPODI D, PASQUANTONIO G, PICCOLOMINI R. (2004). Microbiological study and scanning electron microscopic analysis of root canal wall dentin following pumped Diodium Nd:YAG laser irradiation. NEW MICROBIOLOGICA, vol. 27, p. 55-63, ISSN: 1121-7138

2002 - Article

MAZZAGLIA G, ARCORACI V, BLANDINO G, MIRAGLIOTTA G, SCHITO AM, PASQUANTONIO G, NICOLETTI G, CAPUTI AP. (2002). Antibiotic prescribing for dental conditions: a community-based study in southern Italy. JOURNAL OF CHEMOTHERAPY, vol. 14, p. 65-70, ISSN: 1120-009X

2002 - Article

VENTURI M, PASQUANTONIO G, FALCONI M, BRESCHI L. (2002). Temperature change within gutta-percha induced by the System-B Heat Source. INTERNATIONAL ENDODONTIC JOURNAL, vol. 35, p. 740-746, ISSN: 0143-2885

2002 - Abstract

Breschi L, Pasquantonio G, Lopes M, Gobbi P, Falconi M, Perdigão J. (2002). Identification of dentin collagen fibrils and proteoglycans: a double labeling technique.. In: Journal of Dental Research 2002 Abs.1911.

2002 - Abstract

Lopes M.M, Breschi L, Falconi M, Prati C, Pasquantonio G, Perdigao J. (2002). TEM analysis of the hybrid layer: a double labeling immunocytochemical approach. In: Journal of Dental Research 2002 Abs.1911.

2001 - Article

LO BUE AM, BLANDINO G, MILAZZO I, PASQUANTONIO G, SPECIALE A, NICOLETTI G. (2001). Antibacterial activity and post-antibiotic effect of flurithromycin compared with other macrolides and penicillins against periodontal pathogens. JOURNAL OF CHEMOTHERAPY, vol. 13, p. 255-259, ISSN: 1120-009X

2001 - Abstract

Venturi M, Breschi L, Falconi M, Pasquantonio G, Prati C. (2001). Analysis of the root canal filling with a cle aring technique.. In: Association of Dental Research, 2001; Abs 36..

2001 - Abstract

Gobbi P, Breschi L, Pasquantonio G, Prati C, Mazzotti G, Perdigão J. (2001). A FEISEM study of self-etching adhesive systems on enamel.. In: Association of Dental Res