

CURRICULUM VITAE

ADRIANO PIATTELLI, M.D., D.D.S.

ON NOVEMBER 2016, PROF. PIATTELLI HAS COAUTHORED 730 PAPERS, PUBLISHED MAINLY IN PEER-REVIEWED INTERNATIONAL JOURNALS, WITH 12550 CITATIONS AND A H-INDEX OF 54. FROM 2010 TO 2015 THE H-INDEX IS 14, THE CITATIONS 1029 AND THE PAPERS 201. FROM 2005 TO 2015, THE H-INDEX IS 31, THE CITATIONS ARE 4534, AND THE PAPERS 381.

PERSONAL DETAILS Name: Adriano Piattelli, [REDACTED]
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Prof. A. Piattelli, since 1988, teaches Oral Pathology and Medicine to the undergraduate students of the third year of the Dental School of the University of Chieti. Since 2014, he teaches also to the undergraduate students of the second and third years of the Degree in Oral Hygiene. He is also a teacher of Oral Pathology to the students of the Specialty Boards in Oral Surgery and Orthodontics. Since 2013 he is the Director of a Ph.D. program, at the University of Chieti, in Bone Regeneration Techniques with the use of stem cells and different types of biomaterials. In the last 20 years he has followed several Ph.D. students in the preparation of their Ph.D. Dissertations. In the last decade, he has been invited twice to be the opponent at the Thesis Defense of two Swedish Ph.D. students at the Department of Biomaterials of the University of Gothenburg, Sweden. From 1995 to 1999 he has been Honorary Senior Lecturer in Oral Medicine at the Eastman Dental Institute, London, UK. In 2011-2012 he was the leader of a group of

several researchers from a few Italian University who received a grant of about One Million Euros from the Italian Ministry of Education, University and Research (M.I.U.R.), Rome, Italy, for a study on bone regeneration procedures with the use of different scaffolds and different types of stem cells. In the years 1995-1997 he was the President of the Italian Society of Oral Pathology and Medicine (S.I.P.M.O.). In the years 2001-2003 he was the President-Elect of the Italian Society of Osseointegration (S.I.O), and from 2003 to 2005 its President. From 1997 to 2009 he was the Dean and Director of Research of the Dental School of the University of Chieti. He is member of several professional societies, member of the board of several scientific journals (from 1993 to 1999, Journal of Oral Pathology and Medicine; from 2002 Clinical Implant Dentistry and Related Research; from 2014, Clinical Oral Investigations and Implant Dentistry), and an ad hoc reviewer of many scientific journals. Prof. Piattelli has presented about 400 Abstracts in international meetings. Prof. Piattelli is currently editing a book "Bone response to dental biomaterials", that will be published by Elsevier. On November 23, 2015 he has been awarded an Honorary Degree (Laurea Honoris Causa) from the University of Valencia in Spain, one of the oldest Universities in Europe with more than 500 years. On October 11, 2016 he was awarded another Honorary Degree (Laurea Honoris Causa) from the Universidad Catolica San Antonio de Murcia (UCAM), Murcia, Spain.

Academic qualifications Doctor of Medicine Catholic University Rome 1975, Specialty Board of General Surgery Chieti University 1980, Specialty Board of Dentistry Rome University 1988.

Academic appointments 1979-1984 Lecturer (Honorary), Dental School University of Chieti; 1985-1987 Assistant Professor, Dental School University of Chieti; 1988-1997 Associate Professor, Dental School University of Chieti; 1995-1999 Honorary Senior Lecturer Department

of Oral Medicine Eastman Dental Institute and Hospital for Health Care Sciences, London, UK;
1997- 2009 Dean and Director of Studies and Research, Dental School, University of Chieti;
1997- Full Professor, Dental School, University of Chieti-Pescara, Chieti, Italy.

Membership of Professional Societies Italian Dental Association (S.I.O.C.M.F.); Italian Society of Oral Pathology and Medicine (S.I.P.M.O.); International Association for Dental Research (I.A.D.R.); Continental European Division (C.E.D.) of the I.A.D.R.; American Academy of Osseointegration (A.O.).

Member of the Board of the following Journals Journal of Oral Pathology and Medicine (1993-1999); Clinical Implant Dentistry and Related Research (2002-); Implant Dentistry (2014-); Clinical Oral Investigations (2014-)

Reviewer of the following Journals: Journal of Biomedical Materials Research Part B – Applied Biomaterials, Journal of Biomedical Materials Research Part A; Biomaterials; Oral Diseases; Cell Tissue Research; J Clin Pathol; J Endodon; Lancet Oncology; Oral Oncology; Micron ; Int J Oral Maxillofac Implants ;J Molecular Histol; J Medical Case Report; Research Letters in Material Science; Open Dentistry Journal; J Contemporary Dental Practice; J Oral Maxillofac Pathol; Cell Tissue Banking; Advances in Materials Science and Engineering.

Scientific correspondence Di Alberti L, Porter SR, Piattelli A, Scully CM, Teo CG Human Herpesvirus 8 and sarcoidosis
Lancet 1998;351:1589-1590 (letter)

Chapters in books

Simion M, Trisi P, Piattelli A **Guided bone regeneration for vertical ridge augmentation associated with osseointegrated implants** pp. 99-110 in Nevins M, Mellonig JT (Eds.) **Implant therapy. Clinical approaches and evidence of success. Volume 2.** Quintessence Publishing Co., Carol Stream, Illinois, 1998
ISBN 0-86715-341-5

Scarano A, Iezzi G, Piattelli A **Common Fixatives in hard tissue histology** pp. 159-165 in An Yuehuei H, Martin Kylie L **Handbook of histology methods for bone and cartilage** Humana Press, Totowa, New Jersey, USA, 2003
ISBN:0-89603-960-9 (Alk. Paper)

Scarano A, Orsini G, Piattelli A **Infiltration techniques and results in different types of resin** pp.199-206 in An Yuehuei H, Martin Kylie L **Handbook of histology methods for bone and cartilage** Humana Press, Totowa, New Jersey, USA, 2003
ISBN:0-89603-960-9 (Alk. Paper)

Scarano A, Quaranta M, Piattelli A **Bone sectioning using the Precise 1 Automated System** pp. 265-269 in An Yuehuei H, Martin Kylie L **Handbook of histology methods for bone and cartilage** Humana Press, Totowa, New Jersey, USA, 2003
ISBN:0-89603-960-9 (Alk. Paper)

Scarano A, Petrone G, Piattelli A **Staining techniques for plastic-embedded specimens** pp. 315-319 in An Yuehuei H, Martin Kylie L **Handbook of histology methods for bone and cartilage** Humana Press, Totowa, New Jersey, USA, 2003
ISBN:0-89603-960-9 (Alk. Paper)

Scarano A, Favero GA, Fiera E, Piattelli A **Histological analysis of soft-tissues biomaterial interface: relevance to dental implants** pp. 439-445 in An Yuehuei H, Martin Kylie L **Handbook of histology methods for bone and cartilage** Humana Press, Totowa, New Jersey, USA, 2003
ISBN:0-89603-960-9 (Alk. Paper)

Praetorius F, Piattelli A **Odontoma, complex type** p. 310, in Barnes L, Eveson JW, Reichart P, Sidransky D **Pathology & Genetics Head and Neck tumours** World Health Organization of Tumours, IARC Press, Lyon, 2005
ISBN 92-832-2417-5

Praetorius F, Piattelli A **Odontoma, compound type** p. 311, in Barnes L, Eveson JW, Reichart P, Sidransky D **Pathology & Genetics Head and Neck tumours** World Health Organization of Tumours IARC Press, Lyon, 2005
ISBN 92-832-2417-5

Piattelli A, Misch CE, Farias Pontes AE, Iezzi G, Scarano A, Degidi M **Dental Implant Surfaces: a review** Chapter 27, pp. 599-620 In Misch CE **Contemporary Implant Dentistry** 3rd Ed., Mosby, St. Louis, 2008
ISBN:978-0-323-04373-1

Pecora G, Perrotti V, Iezzi G, Pontes AE, Piattelli A **Dental implants or traditional treatment: a contemporary dilemma** In Devorah Schwartz-Arad **Ridge preservation and immediate implantation** Quintessence Publishing, London, Berlin, Chicago 2012:pp. 1-8
ISBN 978-1-85087-216-7

Iezzi G, Degidi M, Scarano A, Shibli JA, Mangano C, Perrotti V, Piattelli A **Histologic and histomorphometric evaluation of implants retrieved from humans** In Cehreli M **Biomechanics of Dental Implants. Handbook for researchers** Nova Science Publishers, Inc New York, 2012: pp. 127-155
ISBN 978-1-62100-780-7 (Hardcover)

Romanos GE, Traini T, Piattelli A **Bone biology and osseointegration** In Romanos GE **Advanced immediate loading** Quintessence Publishing Co, Inc. 2012:pp. 1-10 Chicago, Berlin, Tokyo
ISBN 978-0-86715-491-7 (Hardcover)

Piattelli A, Scarano A, Degidi M, Iaculli F, Perrotti V, Iezzi G. **Principi di osteointegrazione**. Cap. I, pp 1-38. In: SIO Società Italiana di Implantologia Osteointegrata. **Il successo in Implantologia: diagnosi, piani di trattamento e protocolli operativi**. Ed. Edra LSWR, MILANO, 1st ed.; 2014
ISBN:978-88-214-2972-9

Barone A, Piattelli A, Calvo Guirado JL, Alfonsi F, Negri B, Iezzi G. **Fresh extraction socket management**. In Barone A, Nannmark U **Bone, Biomaterials and Beyond**. Edra LSWR, Milano, 2014:pp. 47-69
ISBN:978-88-214-3758-8

Perrotti V, Iaculli F, Fontana A, Piattelli A, Iezzi G **Introduction to bone response to dental implant materials** in Piattelli A (Ed.) **Bone response to dental implant materials**. Woodhead Publishing Series in Biomaterials, 2017: pp. 1-23. Woodhead is an imprint of Elsevier, The Boulevard. Langford Lane, Kidlington, UK
ISBN 978-0-08-100287-2 (Print)
ISBN 978-0-08-100288-9 (Online)

Perrotti V, Piattelli A, Quaranta A, Gomez-Moreno G, Iezzi G **Biocompatibility of dental biomaterials** in Shelton R (Ed.) **Biocompatibility of dental biomaterials**. Woodhead Publishing Series in Biomaterials, 2017: pp. 1-7. Woodhead is an imprint of Elsevier, The Boulevard. Langford Lane, Kidlington, UK
ISBN 978-0-08-100884-3 (Print)
ISBN 978-0-08-100943-7 (Online)

Lectures

Degidi M, Piattelli A **Immediate loading vs progressive loading** 7th Annual Scientific Meeting, European Association for Osseointegration (EAO), Berlin, May 1-2, 1998

Piattelli A **Apoptosis in oral mucosal diseases** 4th Congress of the European Association of Oral Medicine (EAOM), Amsterdam, October 2, 1998

Degidi M, Piattelli A, **Immediate loading of Frialit2 and IMZ TwinPlus implants in different anatomical configurations – Clinical studies and histological results of retrieved implants** 8th International Friatec Symposium, Bonn, January 15-16, 1999

Piattelli A **Respuesta biologica a los implantes dentales con diferentes superficies. Conocimientos actuales y perspectivas futuras** XXth National Congress of the Spanish Society of Implantology (SEI), Alicante June 15-17, 2000

Piattelli A, Degidi M, **La carga inmediata como plan de tratamiento en los desdentados totales y parciales: resultados clinicos e histologicos**, XXth National Congress of the Spanish Society of Implantology (SEI), Alicante June 15-17, 2000

Degidi M, Piattelli A, **Immediate loading of titanium implants in different anatomic configurations – Clinical and histologic results.** XX World Congress ICOI (International College of Oral Implantologists), Berlin, October 13, 2000

Piattelli A
Implant body surface conditions and clinical relevance.
Limited attendance clinics
XX World Congress ICOI (International College of Oral Implantologists)
Berlin, October 14, 2000

Piattelli A
Nuova tipologia di impianti: evidenze scientifiche e risultati clinici
Corso di Aggiornamento in implantologia, Il Cairo, Egitto, 24 Novembre 2000

Degidi M, Piattelli A
Five years immediate loading in partially and fully edentulous patients: a retrospective analysis of the peri-implant tissue behavior
9th International Friadent Symposium
Strasbourg, March 23-24 2001

Degidi M, Piattelli A
Immediate functional loading (IFL) and non-functional loading (NFL) in the partially and completely edentulous patients: a prospective study with different implant designs
79th Meeting of the International Association for Dental Research (IADR), Chiba, Tokyo, Japan, June 30 2001

Degidi M, Piattelli A
The accelerated implant therapy
Immediate loading expert meeting
Athens, July 29 – Aug 1 2001

Degidi M, Piattelli A
Excellence by simplicity – The accelerated implant therapy
European Association for Osseointegration (EAO)

Milano 13 Settembre 2001

Piattelli A, Assenza B, Thams U

Curso practico avanzado de implantologia con carga inmediata
SEI (Societat Espanola de Implantantes), Madrid, 23-24 Novembre 2001

Piattelli A, Degidi M

XiVE Pilot User Corse

Osaka, Japan, september 19, 2002

Degidi M, Piattelli A

Immediate functional and nonfunctional loading of dental implants

32 Academic Meeting of the Japanese Society of Oral Implantology

Hiroshima, Japan September 21 2002

Piattelli A

Techniques and materials for optimizing periodontal regeneration

88th Annual Meeting of the American Acedemy of Periodontology

New Orleans, September 28, 2002

Piattelli A

Degidi M, Piattelli A

Immediate loading: how far can we push the envelope?

10th International Friadent Symposium

Mannheim, May 16-17 2003

Piattelli A

Bone response to early and immediately loaded implants

European Association for Osseointegration (EAO)

Vienna, 9-12 October 2003

Piattelli A, Traini T

XiVE and CELLplus surface: histological results in man and experimental animal of the peri-implant bone response

Barcelona, The International University of Catalonia, June 5 2004

Piattelli A

Bone reactions to implant loading: histological and ultrastructural study

4th World Congress of Osseointegration

Venice, October 14-16 2004

Degidi M, Piattelli A

Immediate loading of dental implants

16th Annual Implant Symposium of the New York University. Critical factors and practical realities in implant success

New York, New York, USA

December 9-10, 2005

Degidi M, Piattelli A

Immediate loading in daily practice: clinical procedures and scientific evidence

2nd International Symposium "Implantology Past, Present and Future" of the Israeli Association of Oral Implantology

Eilat 14-17 dicembre 2005

Piattelli A, Degidi M, Traini T

Clinical and histological results in immediately loaded implants. Clinical, histological and ultrastructural aspects of different biomaterials

Univertsitatspital Zurich

January 14, 2006

Piattelli A

Peri-implant bone in different loading conditions: collagen fibers organization, mineral density and osteocytes and microvascular network

31st Annual USC Periodontal & Implant Symposium. Clinical realities and future prospects

Los Angeles, January 27-28, 2006

Degidi M, Piattelli A

Which patients want or need faster treatment?

12th International Friadent Symposium 2006-03-28 March 24-25, 2006

Salzburg, Austria

Degidi M

Clinical considerations for immediate implant placement and loading

Biohorizons Global Symposium

Scottsdale, AZ, USA May 5-7, 2006

Piattelli A

Histological and clinical evidence for immediate loading

Biohorizons Global Symposium

Scottsdale, AZ, USA May 5-7, 2006

Piattelli A

Biomaterials in augmentation procedures

Osteology Torino, May 16-18, 2006

Piattelli A

Early and immediate loading of dental implants: myth or reality?

International Symposium of Implantology "Implants and biomaterials: from the research to their clinical application. There is still room for improvement?"

June 7-8, 2006, Sao Paulo, Brasil

Degidi M, Piattelli A

Immediate loading: biological and clinical evidences

3^o International Congress of the DGOI – ICOI European Meeting

Baden-Baden October 5, 2006

Degidi M, Piattelli A

Immediate loading: biological and clinical evidences

Taipei (Taiwan), October 18-22, 2006

Degidi M, Piattelli A

Immediate loading in daily practice

19^o Meeting of the German Society of Implantology, Dresden December 2, 2006

Degidi M, Piattelli A

Just load it! Evidence based considerations on the questions of immediate, delayed or late loading with XiVE implants

5th World congress of Osseointegration, Venice, February 16, 2007

Piattelli A

Immediate loading: scientific evidence

Latest perspectives in dental implantology

4th SENAME International Meeting

Cairo, Egypt February 24-25, 2007

Piattelli A

Clinical and histological evidences with different types of biomaterials

Winter Symposium ICOI-Egyptian Society of Oral Rehabilitation (ESOR)

Luxor, Egypt February 26, 2007

Novaes AB, Degidi M, Piattelli A

Influence of interimplant distances on papilla formation and crestal resorption, and bone microstructure: results from clinical and experimental studies

Limited Attendance Lecture, Friday March 9, 2007

22nd Annual Meeting of the American Association of Osseointegration, San Antonio, Texas

Piattelli A

Immediate loading of dental implants: myth or reality

Lunch and Learn Session, Saturday March 10, 2007

22nd Annual Meeting of the American Association of Osseointegration, San Antonio, Texas

Piattelli A

Interface between natural bone and bone substitutes

Osteology Monaco, May 10-12, 2007

Pecora G, Piattelli A

Limits in conservative therapy and implants as alternative: from tooth extraction to fresh socket implant with immediate loading

Dead Sea Spring Dental Convention, May 16-19, 2007

Piattelli A, Degidi M

Immediate loading in daily clinical practice

London Implant Dentistry Congress, London, UK, June 1-2, 2007

Perrotti V

Human osteoclast formation and activity on bone substitutes

London Implant Dentistry Congress, London, UK, June 1-2, 2007

Piattelli A

Greffes osseuses intra-buccales. Biomateriaux

3rd International Symposium on Growth Factors, Nice, 9 Juin 2007

Piattelli A, Pecora G, Iezzi G, Shibli JA

Levantamento de Seio e superficie de implantes para pacientes com osteoporose

ILAPEO (Instituto Latino-Americano de Pesquisa e Ensino Odontológico)

Curitiba, Paraná, Brasil

20 de Agosto 2007

Piattelli A, Iezzi G

Maxillary sinus surgery. Implant Surfaces. Immediate loading.

Periodontal Graduate Program School of Dentistry.

University of Riberão Preto, São Paulo, Brasil

August 22, 2007

Piattelli A, Iezzi G

Superfícies de Implantes

UNESP (Universidade Estadual Paulista), Araraquara, Brasil

August 23, 2007

Piattelli A, Iezzi G

Implant Surfaces. Immediate loading of Dental Implants.

Oral Implantology Postgraduate Course

UnG (University of Guarulhos, Guarulhos, São Paulo, Brasil)

August 25, 2007

Piattelli A, Pecora G, Strocchi R, Fiera E

Implants and biomaterials from the research to their clinical applications

Faculdade de Odontologia de Pontifícia Universidade Católica de Minas Gerais

Belo Horizonte, Minas Gerais, Brasil

October 2, 2007

Pecora G, Piattelli A

Avaliacoés clínicas e histológicas de implantes imediatos
Implantar 2007 Congresso Internacional de Implantodontia
Sao Paulo, Brasil
4-6 Outubro 2007

Piattelli A
Dental implant surfaces: past, present and future
Northeastern Society of Periodontology (NESP)
New York, NY
November 16, 2007

Piattelli A
Evolving trends in implant design
Premium Day, Madrid, November 25, 2011

Piattelli A
Implant surfaces and implant-abutment connections
SCOI Congress, Santiago de Compostela, October 26, 2012

Piattelli A
Implant surfaces and connections: a glimpse of the future
Implacil-De Bortoli International Congress
Sao Paulo, Brasil, October 27, 2012

Piattelli A
Bone and biomaterials in hard tissue regeneration
Master Speakers Event, Mainz, Germany, December 7, 2012

Piattelli A
Implant surfaces and connections. Where we are and where we go
Italo-Israelian Bilateral Meeting, Tel Aviv, June 28, 2013

Piattelli A
Implant Dental Surfaces
USPI University, Sao Paulo, Brasil, September 18, 2013

Piattelli A
-Biomaterials in implant dentistry
-Implant surfaces
-Implant loading
-A glimpse of the future
International Course, Stony Brook University, NY, USA
November 2014

Piattelli A
Biomaterials in oral surgery and implant dentistry

SECIB Meeting, Salamanca, November 21, 2014

Piattelli A

Peri-implant bone around immediately loaded implants

Symposium for the implant research group. Role of implant design on immediate loading.
IADR 93rd General Session and Exhibition, Boston, Mass, USA, March 11, 2015

Degidi M, Piattelli A

The quest for the esthetic implant reconstruction

Science collaboration and clinical excellence for 30 years.

30th Annual Meeting of the of the American Academy of Osseointegration (A.O.), San Francisco, CA, USA, March 12, 2015

Mangano C, Piattelli A

Laser sintered implants

University of Guarulhos, Sao Paulo, Brasil, March 23, 2015

Mangano C, Piattelli A

Dental implant surfaces

Branemark Osseointegration Center, Sao Paulo, Brasil, March 23, 2015

Mangano C, Piattelli A

Cirugia osea and tejidos blandos.

Regeneracion osea.

FDI Congress of the Americas, Santiago, Chile, March 26, 2015

Piattelli A

Biomaterials in oral grafting

Colegio de Odontologos

Valencia, May 21, 2015

Piattelli A

Bone response to implant surfaces and different loading conditions. Implant-abutment connections

University of Valencia, May 22, 2015

Piattelli A

Bone regeneration procedures with different types of biomaterials

Titanium Club, Jerusalem, June 19, 2015

AWARDS

Friadent GmbH awards to **Prof. Dr. Adriano Piattelli** and to Dr. Marco Degidi the 3rd Friadent Implant Dentistry award for their outstanding scientific work "Immediate functional and nonfunctional loading of dental implants: clinical and experimental evidence"

Strasbourg March 23-24, 2001

Ralph V. McKinney Annual Award in basic and clinical research for 2003 given to **Dr. Adriano Piattelli**.

This award of \$ 2500.00 is given annually for the most outstanding article published in **IMPLANT DENTISTRY**

At the American Academy of Osseointegration (AAO), San Francisco, March 2004, the best poster award went to **Prof. A. Piattelli** and Coworkers for "Maxillary sinus augmentation with different biomaterials: a comparative histologic and histomorphometric study in man"

At the 4th World Congress of Osseointegration, held in Venice October 14-16, 2004 the third price for the Poster Research went to:

Perrotti V, Neugebauer J, Iezzi G, Scarano A, Fischer J, Zoeller J, **Piattelli A**

Bone defects healing with four different grafting materials: an experimental study in mini-pig

On November 23, 2015 the University of Valencia, in Spain, has awarded to Prof. A. Piattelli an Honorary Degree (Laurea Honoris Causa).