

**EUROPEAN FORMAT
FOR CURRICULUM
VITAE**



PERSONAL INFORMATIONS

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Nationality	Italiana
Data of birth	06/09/1954
Tax Code	TRNMRT54P06C352O

CURRENT CARE ASSIGNMENTS

- Dates From 01/12/2016 to today
- Name and address of the employer "Policlinico Tor Vergata" Foundation - Viale Oxford 81 Roma
University Polyclinic
- Type of company or sector Director of Emergency Department Acceptance Critical Area
- Main tasks and responsibilities
- Dates From 06/08/2008 to today
- Name and address of the employer "Policlinico Tor Vergata" Foundation - Viale Oxford 81 Roma
University Polyclinic
- Type of company or sector Director of the Complex Operative Unit of Orthopaedics and Traumatology B
- Main tasks and responsibilities

PREVIOUS CARE ASSIGNMENTS

- Dates From 01/11/2015 to 30/06/2018
- Name and address of the employer "Policlinico Tor Vergata" Foundation - Viale Oxford 81 Roma
University Polyclinic
- Type of company or sector Interim Director Complex Operative Unit of Thoracic Surgery
- Main tasks and responsibilities
- Dates From 01/11/2014 to 30/06/2018
- Name and address of the employer "Policlinico Tor Vergata" Foundation - Viale Oxford 81 Roma
University Polyclinic
- Type of company or sector Director of the Department of Assisted Surgery
- Main tasks and responsibilities

CURRENT TEACHING ASSIGNMENTS

- Dates From 2016 to today
- Name and address of the employer University of Rome "Tor Vergata" - Faculty of Medicine and Surgery
 - Type of company or sector Disciplinary field MED/33 - Diseases of the Locomotor System
 - Type of employment Director of the School of Specialisation in Orthopaedics and Traumatology

- Dates From 2013 to today
- Name and address of the employer University of Rome "Tor Vergata" - Faculty of Medicine and Surgery
 - Type of company or sector Disciplinary field MED/33 - Diseases of the Locomotor System
 - Type of employment Coordinator of the Degree Course in Diseases of the Locomotor System for the Study Course in Medicine and Surgery

- Dates From 2005 to today
- Name and address of the employer University of Rome "Tor Vergata" - Faculty of Medicine and Surgery
 - Type of company or sector Disciplinary field MED/33 - Diseases of the Locomotor System
 - Type of employment Ordinary Professor

- Dates From 2003 to today
- Name and address of the employer University of Rome "Tor Vergata" - Faculty of Medicine and Surgery
 - Type of company or sector Disciplinary field MED/33 - Diseases of the Locomotor System
 - Type of employment Member of the PhD course in Medical Biotechnology and Translational Medicine

PREVIOUS TEACHING ASSIGNMENTS

- Dates From 1999 to 2018
- Name and address of the employer University of Rome "Tor Vergata" - Faculty of Medicine and Surgery
 - Type of company or sector University
 - Type of employment President of the Degree Course for Orthopaedic Technician

- Dates From 2014 to 2016
- Name and address of the employer University of Rome "Tor Vergata" - Faculty of Medicine and Surgery
 - Type of company or sector Disciplinary field MED/33 - Diseases of the Locomotor System
 - Type of employment Director of the School of Specialisation in Orthopaedics and Traumatology

- Dates From 2004 to 2016
- Name and address of the employer University of Rome "Tor Vergata" - Faculty of Medicine and Surgery
 - Type of company or sector University
 - Type of employment President of the Specialist Degree Course in Rehabilitation Sciences

- Dates From 2002 to 2005
- Name and address of the employer University of Rome "Tor Vergata" - Faculty of Medicine and Surgery
 - Type of company or sector Disciplinary field MED/33 - Diseases of the Locomotor System
 - Type of employment Extraordinary Professor

- Dates From 1999 to 2010
- Name and address of the employer University of Rome "Tor Vergata" - Faculty of Medicine and Surgery
 - Type of company or sector University
 - Type of employment Member of the Academic Senate representing the Faculty of Medicine and Surgery

- Dates From 1995 to 2002
- Name and address of the employer University of Rome "Tor Vergata" - Faculty of Medicine and Surgery
 - Type of company or sector Disciplinary field MED/33 - Diseases of the Locomotor System
 - Type of employment Confirmed Associate Professor
- Dates From 1992 to 1995
- Name and address of the employer University of Rome "Tor Vergata" - Faculty of Medicine and Surgery
 - Type of company or sector Disciplinary field MED/33 - Diseases of the Locomotor System
 - Type of employment Associate Professor
- Dates From 1987 to 1992
- Name and address of the employer University of Rome "Tor Vergata" - Faculty of Medicine and Surgery
 - Type of company or sector Disciplinary field MED/33 - Diseases of the Locomotor System
 - Type of employment Confirmed University Researcher
- Dates From 1984 to 1987
- Name and address of the employer University of Rome "Tor Vergata" - Faculty of Medicine and Surgery
 - Type of company or sector Disciplinary field MED/33 - Diseases of the Locomotor System
 - Type of employment University Researcher

CURRENT TEACHING ASSIGNMENTS

- Dates From 2019 to today
- Name and address of the employer G.U.I.D.A. Society ("Unified and Interdisciplinary Management of Musculoskeletal Pain and Algodystrophy")
 - Type of company or sector Scientific Society
 - Type of employment President
- Dates From February 2018 to today
- Name and address of the employer Ministry of Health - Superior Council of Health
 - Type of company or sector Commission for the implementation of the Model on Minimum Quality Criteria (CMQ) of health centres on the DRGs with the highest health risk, with the highest social impact and frequency for ordinary admissions
 - Type of employment Orthopaedic coordinator
- Dates From October 2017 to today
- Name and address of the employer College of Full Professors of Orthopaedics and Traumatology
 - Type of company or sector University College
 - Type of employment President
- Dates From December 2016 to December 2017
- Name and address of the employer Scientific Project by MYEVENT srl
 - Type of company or sector Scientific Society
 - Type of employment Scientific Responsible V.A.L.I.D.O. ORTHOPEDICS TRAINING PROJECT
- Dates From 2016 to today
- Name and address of the employer G.U.I.D.A. Society ("Unified and Interdisciplinary Management of Musculoskeletal Pain and Algodystrophy")
 - Type of company or sector Scientific Society
 - Type of employment Founding member, advisor and Head of Orthopaedics
- Dates From 2011 to today
- Name and address of the employer "Policlinico Tor Vergata" Foundation
 - Type of company or sector University Polyclinic
 - Type of employment Member of the Ethics Committee

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 - Type of employment

From 2009 to today
 Ortomed Society (Italian Society of Orthopaedics, Medicine and Rare Skeletal Diseases)
 Scientific Society
 Founding Member and Director

From 2008 to today
 Italian Society of Orthopaedics and Traumatology
 Bone fragility Commission Coordinator

From 2008 to today
 Italian Society of Orthopaedics and Traumatology
 Scientific Society
 Coordinator of the Osteoporosis and Bone Fragility Commission

From 2008 to today
 G.I.S.O.O.S. Society ("Italian Study Group in Orthopaedics of Severe Osteoporosis")
 Scientific Society
 Founding Member and President

From 2002 to today
 Italian Society of Orthopaedics and Traumatology
 Scientific Society
 Member of the I.O.F. (International Osteoporosis Foundation)

PREVIOUS INSTITUTIONAL ASSIGNMENTS

- Dates
- Type of employment
- Dates
- Name and address of the employer
 - Type of company or sector
 - Type of employment
- Dates
- Name and address of the employer
 - Type of company or sector
 - Type of employment
- Dates
- Name and address of the employer
 - Type of company or sector
 - Type of employment

From 2017 to 2020
 President of the College of Ordinary Professors MED33/ Diseases of the Locomotive Apparatus

From 2013 to 2015 and From 2015 to 2017
 Rome Provincial Association of Surgeons and Dentists
 Professional Order
 Board member and Coordinator of the Medical-Legal Commission

2015
 Italian Society of Orthopaedics and Traumatology
 100th SIOT National Congress in Rome
 President

2010
 Ministry of Health
 Working Group for the Publication of the Fourth Health Notebook
 Production of the Fourth Health Notebook "Diagnostic and therapeutic appropriateness in the prevention of fragility fractures due to osteoporosis"

EDUCATION AND FORMATION

- Dates
- Name and type of educational or training institution
 - Qualification achieved
 - Level in national classification

2019-2020
 University of Rome "Tor Vergata" - Faculty of Medicine and Surgery
 Master's in health economics and Management
 110/110 with honours

- Dates
- Name and type of educational or training institution
- Qualification achieved
- Level in national classification

1990
University of Rome "Tor Vergata" - Faculty of Medicine and Surgery

Specialist Diploma in Oncology
50/50 with honours

- Date
- Name and type of educational or training institution
- Qualification achieved
- Level in national classification

1982
University of Rome "Tor Vergata" - Faculty of Medicine and Surgery

Diploma of Specialist in Orthopaedics and Traumatology of the Locomotor Apparatus
70/70

- Dates
- Qualification achieved

1980
Qualification to practice as a medical surgeon

- Dates
- Name and type of educational or training institution
- Qualification achieved

1979
"La Sapienza" University of Rome
Degree in Medicine and Surgery

PARTICIPATION IN NATIONAL PUBLIC AND PRIVATE RESEARCH PROJECTS

- Responsible for INAIL-funded research project: "Integrated fracture risk assessment in patients of working age", October 2020-October 2022.
- Responsible for the research project funded by the Italian Space Agency within the OSMA (Osteoporosis and Muscular Atrophy) project: "Osteoporosis, matrix metalloproteinases and bone metabolism in low gravity force conditions and on ground".
- Contact person for the "Bone Quality" programme in the field of osteoporosis, aimed at orthopaedic surgeons and sponsored by "Lilly S.p.a."
- Principal investigator for the PRIN 2015 project: "Complex signatures of circulating miRNAs as novel biomarkers for osteoporosis and fracture risk".
- Principal investigator for the research project: "Multidisciplinary study of the effects of microgravity on bone cells" (S.M.E.M.C.O)
- Member of the research programme "Training and osteoporosis implementation of the meetings of the Expert Meeting on Severe Osteoporosis" promoted by "Lilly S.p.a.", on 30 January 2006 and 15-17 February 2006.

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE

ITALIAN

OTHER LANGUAGES

- Reading skills
- Writing skills
- Ability to speak

FRENCH

GOOD
GOOD
GOOD

- Reading skills
- Writing skills
- Ability to speak

ENGLISH

GOOD
GOOD
GOOD

INTERPERSONAL SKILLS AND COMPETENCES

- Representative of the Italian Society of Orthopaedics and Traumatology (SIOT) at the "Bone and Joint Decade".
- Member - ordinary member of the Accademia Lancisiana since 1996.
- Founding Member of the Fragility Fracture Network (FFN).
- Member of the ESCEO Scientific Advisory Board Scientific (European Society for Clinical and Economic Aspects of Osteoporosis and Osteoarthritis).
- Member of the Editorial Boards of the Italian Journal of Orthopaedics and Traumatology and Clinical Cases in Mineral and Bone Metabolism.
- Orthopaedic consultant to the Corazzieri del Presidente della Repubblica. Free assignment 2007.

ORGANISATIONAL SKILLS AND COMPETENCES

- Ministry of Labour, Health and Social Policy. Osteoporosis working group: Project on prevention, diagnostics and therapy in osteoporosis. Creation of the national register of fragility fractures 2009.
- Ministry of Labour, Health and Social Policy. Working Group for Spine Pathologies (1999-2000).
- Member of the O.C.M.S.P. (Organismo consultivo medico scientifico polispecialistico) of the Comando Generale Arma dei Carabinieri. Free assignment (2008).

TECHNICAL SKILLS AND COMPETENCES

Good knowledge of computers and Office programs.

LICENSE

DRIVING LICENSE B

**PUBLICATIONS IN
INTERNATIONAL IMPACTED AND
INDEXED JOURNALS**

1. Thaller MC, Berlutti F, Selan L, Scazzocchio F, Tarantino U.
Antibiotic susceptibility of slime-producing isolates from orthopedic patients.
J Chemother. 1989 Jul;1(4 Suppl):262-5. No abstract available.
2. Marciani MG, Stefani N, Peroni L, Stefanini F, Tarantino U, Gigli GL, Floris R.
Intracerebral metastasis in Ewing's sarcoma.
Acta Neurol Belg. 1990;90(3):149-56.
3. Maiotti M, Monteleone G, Tarantino U, Fasciglione GF, Marini S, Coletta M.
Correlation between osteoarthritic cartilage damage and levels of proteinases and
proteinase inhibitors in synovial fluid from the knee joint.
Arthroscopy. 2000 Jul-Aug;16(5):522-6.
4. Andreoli A, Monteleone M, Van Loan M, Promenzio L, Tarantino U, De Lorenzo A.
Effects of different sports on bone density and muscle mass in highly trained
athletes.
Med Sci Sports Exerc. 2001 Apr;33(4):507-11.
5. Schillaci O, Spanu A, Scopinaro F, Monteleone F, Masala S, Tarantino U,
Madeddu G, Simonetti G.
Technetium-99m tetrofosminscintigraphy in pediatricosteogenic sarcoma.
Oncol Rep. 2003 May-Jun;10(3):605-8.
6. Marini S, Fasciglione GF, Monteleone G, Maiotti M, Tarantino U, Coletta M.
A correlation between knee cartilage degradation observed by arthroscopy and
synovial proteinases activities.
ClinBiochem. 2003 Jun;36(4):295-304.
7. Mohamed EI, Tarantino U, Promenzio L, De Lorenzo A.
"Predicting bone mineral density of postmenopausal healthy and cirrhotic Italian
women using age and body mass index"
ActaDiabetol. 2003 Oct;40Suppl 1:S23-8.
8. Masala S, Tarantino U, Marinetti A, Aiello N, Fiori R, Sorge RP, Simonetti G.
"DXA vs QCT: in vitro and in vivo studies"
ActaDiabetol. 2003 Oct;40Suppl 1:S86-8.
9. Santeusano G, Bombonati A, Tarantino U, Craboledda P, Marino B, Birbe R,
Ortenzi A, Villaschi S.
Multifocal epithelioidangiosarcoma of bone: a potential pitfall in the differential
diagnosis with metastatic carcinoma.
ApplImmunohistochemMolMorphol. 2003 Dec;11(4):359-63.
10. Casini A, Mohamed EI, Gandin C, Tarantino U, Di Daniele N, De Lorenzo A.
Predicting bone mineral density of postmenopausal healthy and cirrhotic Italian
women using anthropometric variables.
Dig Liver Dis. 2003 Dec;35(12):881-7.
11. Caterini R, Farsetti P, Tarantino U, Potenza V, Ippolito E.
Arthrodesis of the toe joints with an intramedullary cannulated screw for correction
of hammertoe deformity.
Foot Ankle Int. 2004 Apr;25(4):256-61.
12. Lande R, Giacomini E, Serafini B, Rosicarelli B, Sebastiani GD, Minisola G,
Tarantino U, Riccieri V, Valesini G, Coccia EM.
Characterization and recruitment of plasmacytoid dendritic cells in synovial fluid
and tissue of patients with chronic inflammatory arthritis.
J Immunol. 2004 Aug 15;173(4):2815-24.
13. Dreinhöfer KE, Anderson M, Féron JM, Herrera A, Hube R, Johnell O, Lidgren L,
Miles K, Tarantino U, Simpson H, Wallace WA Multinational survey of osteoporotic
fracture management.
Osteoporos Int. 2005 Mar;16 Suppl 2:S44-53.

14. Maiotti M, Massoni C, Tarantino U.
The use of arthroscopic thermal shrinkage to treat chronic lateral ankle instability in young athletes. *Arthroscopy*. 2005 Jun;21(6):751-7.
15. Oliva F, Tarantino U, Maffulli N.
Immunohistochemical localization of calcitonin gene-related peptide and substance P in the rat knee cartilage at birth. *Physiol Res*. 2005;54(5):549-56
16. Tarantino U, Oliva F, Impagliazzo A, Mattei A, Cannata G, Pompili GF, Maffulli N.
A comparative prospective study of dynamic variable angle hip screw and Gamma nail in intertrochanteric hip fractures
DisabilRehabil. 2005 Sep 30-Oct 15;27(18-19):1157-65.
17. Tarantino U.
Osteoporosis: the orthopedic surgeon's point of view
Aging ClinExp Res. 2007 Aug;19(4 Suppl):1-2.
18. Tarantino U, Cannata G, Lecce D, Celi M, Cerocchi I, Iundusi R
Incidence of fragility fractures"
Aging ClinExp Vol. 19,suppl.4,7-11,2007
19. Tarantino U, Cannata G, Cerocchi I Lecce D,Iundusi R, Celi M
Surgical approach to fragility fractures: problems and perspectives
Aging ClinExp Vol. 19,suppl.4:12-21,2007
20. Orlandi A, Oliva F, Taurisano G, Candi E, Di Lascio A, Melino G, Spagnoli LG, Tarantino U
Transglutaminase-2 differently regulates cartilage destruction and osteophyte formation in a surgical model of osteoarthritis.
Amino Acids. 2009 Apr;36(4):755-63.
21. Tarantino U, Oliva F, Taurisano G, Orlandi A, Pietroni V, Candi E, Melino G, Maffulli N
FXIIIa and TGF-beta over-expression produces normal musculo-skeletal phenotype in TG2-/- mice
Amino Acids. 2009 Apr;36(4):679-84. Epub 2008 Jul 2
22. Tarantino U, Cannata G, Gasbarra E, Bondi L, Celi M, Iundusi R
Open medial dislocation of the ankle without fracture
J Bone Joint Surg Br. 2008 Oct;90(10):1382-4
23. Oliva F, Zocchi L, Codispoti A, Candi E, Celi M, Melino G, Maffulli N, Tarantino U
Transglutaminases expression in human supraspinatus tendon ruptures and in mouse tendons
BiochemBiophys Res Commun. 2009 Feb 20;379(4):887-91. Epub 2009 Jan 13
24. Andreoli A, Scalzo G, Masala S, Tarantino U, Guglielmi G
Body composition assessment by dual-energy X-ray absorptiometry (DXA)
Radiol Med. 2009 Mar;114(2):286-300. Epub 2009 Mar 5. Review. English, Italian
25. Tarantino U, Cerocchi I, Celi M, Scialdoni A, Saturnino L, Gasbarra E.
Pharmacological agents and bone healing.
Clin Cases Miner Bone Metab. 2009 May;6(2):144-8.
26. Dauri M, Faria S, Celidonio L, Tarantino U, Fabbi E, Sabato AF
Retroperitoneal haematoma in a patient with continuous psoas compartment block and enoxaparin administration for total knee replacement
Br J Anaesth. 2009 Aug;103(2):309-10.
27. Nuti R, Brandi ML, Isaia G, Tarantino U, Silvestri S, Adami S.
"New perspectives on the definition and the management of severe osteoporosis: the patient with two or more fragility fractures
J. Endocrinol Invest. 2009 Jul 17

28. Piscitelli P, Chitano G, Greco M, Benvenuto M, Sbenaglia E, Coli G, Migliore A, Granata M, Iolascon G, Gimigliano R, Baggiani A, Distante A, Tarantino U, Rizzuti C, Brandi ML.
Pharmaco-economic issues in the treatment of severe osteoporosis.
Clin Cases Miner Bone Metab. 2010 Jan;7(1):61-4.
29. Tarantino U, Celi M, Saturnino L, Scialdoni A, Cerocchi I.
Strontium Ranelate and bone healing: report of two cases.
Clin Cases Miner Bone Metab. 2010 Jan;7(1):65-8.
30. Adami S, Brandi ML, Canonico PL, Minisola G, Minisola S, Tarantino U.
Appropriate use of anabolic treatment for severe osteoporosis.
Clin Cases Miner Bone Metab. 2010 May;7(2):114-22.
31. Gioia M, Fasciglione GF, Monaco S, Iundusi R, Sbardella D, Marini S, Tarantino U, Coletta M.
pH dependence of the enzymatic processing of collagen I by MMP-1 (fibroblast collagenase), MMP-2 (gelatinase A), and MMP-14 ectodomain
J BiolInorgChem 2 June 2010
32. Piscitelli P, Brandi ML, Tarantino U, Baggiani A, Distante A, Muratore M, Grattagliano V, Migliore A, Granata M, Guglielmi G, Gimigliano R, Iolascon G
Incidence and socioeconomic burden of hip fractures in Italy: extension study 2003-2005
Reumatismo. 2010 Apr-Jun;62(2):113-8
33. Piscitelli P, Iolascon G, Greco M, Marinelli A, Gimigliano F, Gimigliano R, Gisonni P, Giordano A, Migliore A, Granata M, Tarantino U, Brandi ML, Baggiani A, Distante A.
The Occurrence of Acute Myocardial Infarction in Italy: a Five-years Analysis of Hospital Discharge Record
Aging ClinExp Res. 2011 Feb;23(1):49-54.
34. Tarantino U, Capone A, Planta M, D'Arienzo M, Letizia Mauro G, Impagliazzo A, Formica A, Pallotta F, Patella V, Spinarelli A, Pazzaglia U, Zarattini G, Roselli M, Montanari G, Sessa G, Privitera M, Verdoia C, Corradini C, Feola M, Padolino A, Saturnino L, Scialdoni A, Rao C, Iolascon G, Brandi ML, Piscitelli P. The incidence of hip, forearm, humeral, ankle, and vertebral fragility fractures in Italy: results from a 3-year multicenter study
Arthritis Res Ther. 2010;12(6):R226. Epub 2010 Dec 29.
35. Tarantino U, Ortolani S, Degli Esposti L, Veronesi C, Buda S, Brandi ML.
Analysis of the costs and consequences of adherence to therapy in hip fracture patients. Results of a longitudinal analysis of.
Clin Cases Miner Bone Metab. 2011 Jan;8(1):57-62.
36. Andreoli A, Bazzocchi A, Celi M, Lauro D, Sorge R, Tarantino U, Guglielmi G.
Relationship between body composition, body mass index and bone mineral density in a large population of normal, osteopenic and osteoporotic women.
Radiol Med. 2011 Oct;116(7):1115-23.
37. Andreoli A, Celi M, Volpe SL, Sorge R, Tarantino U.
Long-term effect of exercise on bone mineral density and body composition in post-menopausal ex-elite athletes: a retrospective study.
Eur J Clin Nutr. 2012 Jan;66(1):69-74.
38. Cavazza A, Marini M, Roda LG, Tarantino U, Valenti A.
Hydrolysis of substance P in the presence of the osteosarcoma cell line SaOS-2: release of free amino acids.
Neurochem Res. 2011 Dec;36(12):2339-45.

39. Nardi A, Tarantino U, Ventura L, Armotti P, Ramazzina E
Biomechanical pathogenesis of fragility fractures in vertebrae and femur.
Aging Clin Exp Res. 2011 Apr;23(2 Suppl):10-2. Review.
40. Cerocchi I, Tarantino U
Report of GOST activities for the year 2009 and projects for the biennium 2010-2011.
Aging Clin Exp Res. 2011 Apr;23(2 Suppl):13-4. Review.
41. Tarantino U, Iundusi R, Cerocchi I, Liuni FM, Feola M, Celi M, Baldi J, Gasbarra E.
Role of the orthopaedic in fragility fracture and in the prevention of a new fracture: SIOT 2009 recommendations.
Aging Clin Exp Res. 2011 Apr;23(2 Suppl):25-7. Review.
42. Iolascon G, Resmini G, Tarantino U.
Inhibition of RANK ligand: a new option for preventing fragility fractures.
Aging Clin Exp Res. 2011 Apr;23(2 Suppl):28-9. Review.
43. Tarantino U, Iundusi R, Lecce D, Tempesta V, Perrone FL, Rao C, Cerocchi I, Gasbarra E
Osteosynthesis of fragility fractures.
Aging Clin Exp Res. 2011 Apr;23(2 Suppl):54-6. Review.
44. Tarantino U, Cerocchi I, Scialdoni A, Saturnino L, Feola M, Celi M, Liuni FM, Iolascon G, Gasbarra E.
Bone healing and osteoporosis
Aging Clin Exp Res. 2011 Apr;23(2 Suppl):62-4. Review.
45. D'Imporzano M, Liuni FM, Tarantino U.
Acetabular fragility fractures in elderly patients.
Aging Clin Exp Res. 2011 Apr;23(2 Suppl):71-3. Review.
46. Tarantino U, Ferlosio A, Arcuri G, Spagnoli LG, Orlandi A.
Transglutaminase 2 as a biomarker of osteoarthritis: an update.
Amino Acids. 2013 Jan;44(1):199-207. Review
47. Masuelli L, Marzocchella L, Focaccetti C, Tresoldi I, Palumbo C, Izzi V, Benvenuto M, Fantini M, Lista F, Tarantino U, Modesti A, Galvano F, Bei R.
Resveratrol and diallyl disulfide enhance curcumin-induced sarcoma cell apoptosis.
Front Biosci (Landmark Ed). 2012 Jan 1;17:498-508.
48. Fasciglione GF, Gioia M, Tsukada H, Liang J, Iundusi R, Tarantino U, Coletta M, Pourmotabbed T, Marini S.
The collagenolytic action of MMP-1 is regulated by the interaction between the catalytic domain and the hinge region.
J Biol Inorg Chem. 2012 Apr;17(4):663-72.
49. Piscitelli P, Brandi ML, Chitano G, Argentiero A, Neglia C, Distante A, Saturnino L, Tarantino U.
Epidemiology of fragility fractures in Italy.
Clin Cases Miner Bone Metab. 2011 May;8(2):29-34.
50. Nardi A, Tarantino U, Ventura L, Armotti P, Resmini G, Cozzi L, Tonini G, Ramazzina E, Rossini M.
Domino Effect: mechanic factors role.
Clin Cases Miner Bone Metab. 2011 May;8(2):38-42.
51. Piscitelli P, Tarantino U, Chitano G, Argentiero A, Neglia C, Agnello N, Saturnino L, Feola M, Celi M, Raho C, Distante A, Brandi ML.
Updated incidence rates of fragility fractures in Italy: extension study 2002-2008.
Clin Cases Miner Bone Metab. 2011 Sep;8(3):54-61.

52. Terracciano C, Celi M, Lecce D, Baldi J, Rastelli E, Lena E, Massa R, Tarantino U.
Differential features of muscle fiber atrophy in osteoporosis and osteoarthritis.
Osteoporos Int. 2013 Mar;24(3):1095-100.
53. Tarantino U, Fanucci E, Iundusi R, Celi M, Altobelli S, Gasbarra E, Simonetti G, Manenti G
Lumbar spine MRI in upright position for diagnosing acute and chronic low back pain: statistical analysis of morphological changes.
J Orthop Traumatol. 2013 Mar;14(1):15-22.
54. Masala S, Tarantino U, Nano G, Iundusi R, Fiori R, Da Ros V, Simonetti G.
Lumbar spinal stenosis minimally invasive treatment with bilateral transpedicular facet augmentation system.
Cardiovasc Intervent Radiol. 2013 Jun;36(3):738-47.
55. Brandi ML, Guglielmi G, Masala S, Minisola S, Ortolani S, Tarantino U, Simonetti G
When the government actively faces the burden of osteoporosis: the Italian experience.
Arch Osteoporos. 2012;7:21-4.
56. Giganti MG, Liuni F, Celi M, Gasbarra E, Zenobi R, Tresoldi I, Modesti A, Bei R, Tarantino U.
Changes in serum levels of TNF-alpha, IL-6, OPG, RANKL and their correlation with radiographic and clinical assessment in fragility fractures and high energy fractures.
J Biol Regul Homeost Agents. 2012 Oct-Dec;26(4):671-80.
57. Iolascon G, Gimigliano F, Malavolta N, Tarantino U, Fornari R, Greco E, Di Pietro G, Gimigliano R, Lenzi A, Resmini G, Migliaccio
Effectiveness of teriparatide treatment on back pain-related functional limitations in individuals affected by severe osteoporosis: a prospective pilot study.
Clin Cases Miner Bone Metab. 2012 Sep;9(3):161-5. Epub 2012 Dec 20.
58. Manenti G, Capuani S, Fanucci E, Assako EP, Masala S, Sorge R, Iundusi R, Tarantino U, Simonetti G.
Diffusion tensor imaging and magnetic resonance spectroscopy assessment of cancellous bone quality in femoral neck of healthy, osteopenic and osteoporotic subjects at 3T: Preliminary experience.
Bone. 2013 Jul;55(1):7-15.
59. Brunetti G, Oranger A, Carbone C, Mori G, Sardone FR, Mori C, Celi M, Faienza MF, Tarantino U, Zallone A, Grano M, Colucci
Osteoblasts display different responsiveness to TRAIL-induced apoptosis during their differentiation process.
Cell Biochem Biophys. 2013;67(3):1127-36. doi: 10.1007/s12013-013-9616-6.
60. Terracciano C, Rastelli E, Morello M, Celi M, Bucci E, Antonini G, Porzio O, Tarantino U, Zenobi R, Massa R
Vitamin D deficiency in myotonic dystrophy type 1.
J Neurol. 2013 Sep;260(9):2330-4.
61. Tarantino U, Gai Via A, Macrì E, Eramo A, Marino V, Marsella LT
Professional liability in orthopaedics and traumatology in Italy.
Clin Orthop Relat Res. 2013 Oct;471(10):3349-57
62. Migliaccio S, Resmini G, Buffa A, Fornari R, Di Pietro G, Cerocchi I, Dormi A, Gimigliano F, Mulè R, Celi M, Frigato M, Lenzi A, Tarantino U, Iolascon G, Malavolta N.
Evaluation of persistence and adherence to teriparatide treatment in patients affected by severe osteoporosis (PATT): a multicenter observational real life study
Clin Cases Miner Bone Metab. 2013 Jan;10(1):56-60.

63. Tarantino U, Saturnino L, Scialdoni A, Feola M, Liuni FM, Tempesta V, Pistillo P
Fracture healing in elderly patients: new challenges for antiosteoporotic drugs.
Aging Clin Exp Res. 2013 Oct;25 Suppl 1:S105-8.
64. Masala S, Calabria E, Nano G, Iundusi R, Greco L, Di Trapano R, Tarantino U, Simonetti G.
Traumatic burst fracture with spinal channel involvement augmentation with bioactive strontium-hydroxyapatite cement.
Case Rep Orthop. 2013;2013:613149.
65. Iolascon G, Resmini G, Tarantino U.
Mechanobiology of bone.
Aging Clin Exp Res. 2013 Oct;25 Suppl 1:S3-7.
66. Iundusi R, Scialdoni A, Arduini M, Battisti D, Piperno A, Gasbarra E, Tarantino U.
Stress fractures in the elderly: different pathogenetic features compared with young patients.
Aging Clin Exp Res. 2013 Oct;25 Suppl 1:S89-91.
67. Resmini G, Tarantino U, Iolascon G.
Vitamin D: role and opportunity to prescribe.
Aging Clin Exp Res. 2013 Oct;25 Suppl 1:S125-7.
68. Gasbarra E, Perrone FL, Celi M, Rao C, Feola M, Cuzzo N, Tarantino U.
Total hip arthroplasty revision in elderly patients.
Aging Clin Exp Res. 2013 Oct;25 Suppl 1:S61-3.
69. Iolascon G, Resmini G, Tarantino U.
"Osteoporotic fragility fractures: medical and surgical approaches" II National Congress of the Italian Orthopedic Group for the Study of Severe Osteoporosis (GISOOS).
Aging Clin Exp Res. 2013 Oct;25 Suppl 1:S1-2
70. Celi M, Rao C, Scialdoni A, Tempesta V, Gasbarra E, Pistillo P, Tarantino U.
Bone mineral density evaluation in osteoporosis: why yes and why not?
Aging Clin Exp Res. 2013 Oct;25 Suppl 1:S47-9.
71. Tarantino U, Celi M, Feola M, Liuni FM, Resmini G, Iolascon G.
A new antiresorptive approach to the treatment of fragility fractures: long-term efficacy and safety of denosumab.
Aging Clin Exp Res. 2013 Oct;25 Suppl 1:S65-9.
72. Cerocchi I, Ghera S, Gasbarra E, Feola M, Tarantino U.
The clinical significance of wrist fracture in osteoporosis.
Aging Clin Exp Res. 2013 Oct;25 Suppl 1:S81-2.
73. Iolascon G, Resmini G, Tarantino U.
Effects of denosumab on cortical and trabecular microarchitecture: evidences from clinical studies.
Aging Clin Exp Res. 2013 Oct;25 Suppl 1:S19-22.
74. Cerocchi I, Ghera S, Gasbarra E, Scialdoni A, Tarantino U.
Fragility fractures: the clinical pathway.
Aging Clin Exp Res. 2013 Oct;25 Suppl 1:S43-5.
75. Manenti G, Capuani S, Fusco A, Fanucci E, Tarantino U, Simonetti G
Osteoporosis detection by 3T diffusion tensor imaging and MRI spectroscopy in women older than 60 years
Aging Clin Exp Res. 2013 Oct;25 Suppl 1:S31-4
76. Capuani S, Piccirilli E, Di Pietro G, Celi M, Tarantino U.
Microstructural differences between osteoporotic and osteoarthritic femoral cancellous bone: an in vitro magnetic resonance micro-imaging investigation.
Aging Clin Exp Res. 2013 Oct;25 Suppl 1:S51-4

77. Tarantino U, Baldi J, Celi M, Rao C, Liuni FM, Iundusi R, Gasbarra E.
Osteoporosis and sarcopenia: the connections.
Aging Clin Exp Res. 2013 Oct;25 Suppl 1:S93-5.
78. Gasbarra E, Celi M, Perrone FL, Iundusi R, Di Primio L, Guglielmi G, Tarantino U
Osseointegration of Fitmore stem in total hip arthroplasty.
J Clin Densitom. 2014 Apr-Jun;17(2):307-13.
79. Masala S, Taglieri A, Chiaravalloti A, Calabria E, Morini M, Iundusi R, Tarantino U, Simonetti G.
Thoraco-lumbar traumatic vertebral fractures augmentation by osteo-conductive and osteo-inductive bone substitute containing strontium-hydroxyapatite: our experience.
Neuroradiology. 2014 Jun;56(6):459-66.
80. Tarantino U, Celi M, Rao C, Feola M, Cerocchi I, Gasbarra E, Ferlosio A, Orlandi A.
Hip osteoarthritis and osteoporosis: clinical and histomorphometric considerations.
Int J Endocrinol. 2014;2014:372021
81. Giganti MG, Tresoldi I, Masuelli L, Modesti A, Grosso G, Liuni FM, Celi M, Rao C, Gasbarra E, Bei R, Tarantino U.
Fracture healing: from basic science to role of nutrition.
Front Biosci (Landmark Ed). 2014 Jun 1;19:1162-75. Review.
82. Piscitelli P, Feola M, Rao C, Celi M, Gasbarra E, Neglia C, Quarta G, Liuni FM, Parri S, Iolascon G, Brandi ML, Distante A, Tarantino U.
Ten years of hip fractures in Italy: For the first time a decreasing trend in elderly women.
World J Orthop. 2014 Jul 18;5(3):386-91.
83. Battisti D, Oliva F, Tarantino U, Nicola M.
Pseudoaneurysm of peroneal artery after ankle arthroscopy.
Muscles Ligaments Tendons J. 2014 Jul 14;4(2):269-72
84. Sbardella D, Tundo GR, Fasciglione GF, Gioia M, Bisicchia S, Gasbarra E, Ippolito E, Tarantino U, Coletta M, Marini S
Role of metalloproteinases in tendon pathophysiology.
Mini Rev Med Chem. 2014;14(12):978-87. Review.
85. Sbardella D, Sciandra F, Gioia M, Marini S, Gori A, Giardina B, Tarantino U, Coletta M, Brancaccio A, Bozzi M.
 α -dystroglycan is a potential target of matrix metalloproteinase MMP-2.
Matrix Biol. 2015 Jan;41:2-7.
86. Iolascon G, Tarantino U.
Rare diseases in orthopedics: algodystrophy and aseptic osteonecrosis.
Clin Cases Miner Bone Metab. 2015 Jan-Apr;12(Suppl 1):2-3. Epub 2016 Apr 7.
87. Tarantino U, Buharaja R, Piccirilli E, Riccardi M, Gasbarra E, Feola M, Iolascon G.
Algodystrophy in major orthopaedic surgery.
Clin Cases Miner Bone Metab. 2015 Jan-Apr;12(Suppl 1):17-20. Review.
88. Manenti G, Altobelli S, Pugliese L, Tarantino U.
The role of imaging in diagnosis and management of femoral head avascular necrosis.
Clin Cases Miner Bone Metab. 2015 Jan-Apr;12(Suppl 1):31-8. Review.
89. Gasbarra E, Perrone FL, Baldi J, Bilotta V, Moretti A, Tarantino U.
Conservative surgery for the treatment of osteonecrosis of the femoral head: current options.
Clin Cases Miner Bone Metab. 2015 Jan-Apr;12(Suppl 1):43-50. Review.

90. Iolascon G, Di Pietro G, Gimigliano F, Mauro GL, Moretti A, Giamattei MT, Ortolani S, Tarantino U, Brandi ML.
Physical exercise and sarcopenia in older people: position paper of the Italian Society of Orthopaedics and Medicine (OrtoMed).
Clin Cases Miner Bone Metab. 2014 Sep;11(3):215-21
91. Tarantino U, Piccirilli E, Fantini M, Baldi J, Gasbarra E, Bei R
Sarcopenia and fragility fractures: molecular and clinical evidence of the bone-muscle interaction. J Bone Joint Surg Am. 2015 Mar 4;97(5):429-37.
92. Capuani S, Manenti G, Iundusi R, Tarantino U.
Focus on diffusion MR investigations of musculoskeletal tissue to improve osteoporosis diagnosis: a brief practical review.
Biomed Res Int. 2015;Epub 2015 Mar 10. Review.
93. Iundusi R, Gasbarra E, D'Arienzo M, Piccioli A, Tarantino U
Augmentation of tibial plateau fractures with an injectable bone substitute: CERAMENT™. Three year follow-up from a prospective study.
BMC Musculoskelet Disord. 2015 May 13;16:115.
94. Scimeca M, Bonanno E, Piccirilli E, Baldi J, Mauriello A, Orlandi A, Tancredi V, Gasbarra E, Tarantino U
Satellite Cells CD44 Positive Drive Muscle Regeneration in Osteoarthritis Patients.
Stem Cells Int. 2015;2015:469459.
95. Alvaro R, Pennini A, Zannetti EB, Cittadini N, Feola M, Rao C, D'Agostino F, Vellone E, Tarantino U
Bone care nurses and the evolution of the nurse's educational function: the Guardian Angel(®) research project.
Clin Cases Miner Bone Metab. 2015 Jan-Apr;12(1):43-6
96. Sbardella D, Tundo GR, Sciandra F, Bozzi M, Gioia M, Ciaccio C, Tarantino U, Brancaccio A, Coletta M, Marini S.
Proteasome Activity Is Affected by Fluctuations in Insulin-Degrading Enzyme Distribution.
PLoS One. 2015 Jul 17;10(7):e0132455.
97. Liuni FM, Rugiero C, Feola M, Rao C, Pistillo P, Terracciano C, Giganti MG, Tarantino U.
Impaired healing of fragility fractures in type 2 diabetes: clinical and radiographic assessments and serum cytokine level
Aging Clin Exp Res. 2015 Oct;27 Suppl 1:S37-44.
98. Tarantino U, Scimeca M, Piccirilli E, Tancredi V, Baldi J, Gasbarra E,
Sarcopenia: a histological and immunohistochemical study on age-related muscle impairment.
Aging Clin Exp Res. 2015 Oct;27 Suppl 1:S51-60.
99. Feola M, Rao C, Tempesta V, Gasbarra E, Tarantino U.
Femoral cortical index: an indicator of poor bone quality in patient with hip fracture.
Aging Clin Exp Res. 2015 Oct;27 Suppl 1:S45-50.113.
100. Arduini M, Saturnino L, Piperno A, Iundusi R, Tarantino U.
Fragility fractures of the pelvis: treatment and preliminary results.
Aging Clin Exp Res. 2015 Oct;27 Suppl 1:S61-7
101. Gasbarra E, Iundusi R, Perrone FL, Saturnino L, Tarantino U.
Densitometric evaluation of bone remodelling around Trabecular Metal Primary stem: a 24-month follow-up.
Aging Clin Exp Res. 2015 Oct;27 Suppl 1:S69-75.

102. Iolascon G, Tarantino U
Clinical and surgical complexity in severe osteoporosis.
Aging Clin Exp Res. 2015 Oct;27 Suppl 1:S1-2.
103. Tundo GR, Sbardella D, Ciaccio C, De Pascali S, Campanella V, Cozza P, Tarantino U, Coletta M, Fanizzi FP, Marini S.
Effect of cisplatin on proteasome activity.
J Inorg Biochem. 2015 Dec;153:253-8.
104. Alvaro R, D'Agostino F, Cittadini N, Zannetti EB, Rao C, Feola M, Vellone E, Pennini A, Tarantino U
Can Educational Interventions Improve Osteoporotic Women's Adherence to Treatment? A Literature Review.
Orthop Nurs. 2015 Nov-Dec;34(6):340-53
105. Liguori C, Mercuri NB, Izzi F, Romigi A, Cordella A, Piccirilli E, Viola S, Costa S, Sbraccia P, Marciani MG, Tarantino U, Placidi F
Obstructive sleep apnoea as a risk factor for osteopenia and osteoporosis in the male population.
Eur Respir J. 2016 Mar;47(3):987-90.
106. Di Pietro G, Capuani S, Manenti G, Vinicola V, Fusco A, Baldi J, Scimeca M, Hagberg G, Bozzali M, Simonetti G, Tarantino U.
Bone Marrow Lipid Profiles from Peripheral Skeleton as Potential Biomarkers for Osteoporosis: A 1H-MR Spectroscopy Study.
Acad Radiol. 2016 Mar;23(3):273-83.
107. Oliva F, Piccirilli E, Berardi AC, Frizziero A, Tarantino U, Maffulli N.
Hormones and tendinopathies: the current evidence.
Br Med Bull. 2016 Mar;117(1):39-58.
108. Oliva F, Piccirilli E, Bossa M, Via AG, Colombo A, Chillemi C, Gasparre G, Pellicciari L, Franceschetti E, Rugiero C, Scialdoni A, Vittadini F, Brancaccio P, Creta D, Buono AD, Garofalo R, Franceschi F, Frizziero A, Mahmoud A, Merolla G, Nicoletti S, Spoliti M, Osti L, Padulo J, Portinaro N, Tajana G, Castagna A, Foti C, Masiero S, Porcellini G, Tarantino U, Maffulli N.
I.S.Mu.L.T - Rotator Cuff Tears Guidelines.
Muscles Ligaments Tendons J. 2016 Feb 13;5(4):227-63
109. Cutarelli A, Marini M, Tancredi V, D'Arcangelo G, Murdocca M, Frank C, Tarantino U.
Adenosine Triphosphate stimulates differentiation and mineralization in human osteoblast-like Saos-2 cells.
Dev Growth Differ. 2016 May;58(4):400-8.
110. Frizziero A, Causero A, Bernasconi S, Papalia R, Longo M, Sessa V, Sadile F, Greco P, Tarantino U, Masiero S, Rovati S, Frangione V. Efficacy of betamethasone valerate medicated plaster on painful chronic elbow tendinopathy: a double-blind, randomized, placebo-controlled trial.
Muscles Ligaments Tendons J. 2016 May 19;6(1):131-9
111. Tarquini C, Mattera R, Mastrangeli F, Agostinelli S, Ferlosio A, Bei R, Orlandi A, Tarantino U.
Comparison of tissue transglutaminase 2 and bone biological markers osteocalcin, osteopontin and sclerostin expression in human osteoporosis and osteoarthritis.
Amino Acids. 2017 Mar;49(3):683-693.
112. Scimeca M, Feola M, Romano L, Rao C, Gasbarra E, Bonanno E, Brandi ML, Tarantino U.
Heavy metals accumulation affects bone microarchitecture in osteoporotic patients.
Environ Toxicol. 2017 Apr;32(4):1333-1342

113. Tarantino U, Baldi J, Scimeca M, Piccirilli E, Piccioli A, Bonanno E, Gasbarra E. The role of sarcopenia with and without fracture. *Injury*. 2016 Oct;47 Suppl 4:S3-S10.
114. Oliva F, Piccirilli E, Berardi AC, Tarantino U, Maffulli N. Influence of Thyroid Hormones on Tendon Homeostasis. *Adv Exp Med Biol*. 2016;920:133-8.
115. Tarantino U, Rao C, Tempesta V, Gasbarra E, Feola M. Hip fractures in the elderly: The role of cortical bone. *Injury*. 2016 Oct;47 Suppl 4:S107-S111.
116. Liguori C, Mercuri NB, Izzi F, Romigi A, Cordella A, Piccirilli E, Viola S, Costa S, Sbraccia P, Marciani MG, Tarantino U, Placidi F. Obstructive sleep apnoea as a risk factor for osteopenia and osteoporosis in the male population. *Eur Respir J*. 2016 Mar;47(3):987-90. Epub 2016 Jan 7.
117. Niolu C, Bianciardi E, Di Lorenzo G, Nicolai S, Celi M, Ribolsi M, Pietropolli A, Ticconi C, Tarantino U, Siracusano A. Insecure attachment style predicts low bone mineral density in postmenopausal women. A pilot study. *Riv Psichiatr*. 2016 Jul-Aug;51(4):143-148
118. Aspenberg P, Malouf J, Tarantino U, García-Hernández PA, Corradini C, Overgaard S, Stepan JJ, Borris L, Lespessailles E, Frihagen F, Papavasiliou K, Petto H, Caeiro JR, Marin F Effects of Teriparatide Compared with Risedronate on Recovery After Pertrochanteric Hip Fracture: Results of a Randomized, Active-Controlled, Double-Blind Clinical Trial at 26 Weeks. *J Bone Joint Surg Am*. 2016 Nov 16;98(22):1868-1878.
119. Liguori C, Izzi F, Mercuri NB, Romigi A, Cordella A, Tarantino U, Placidi F. Vitamin D status of male OSAS patients improved after long-term CPAP treatment mainly in obese subjects. *Sleep Med*. 2017 Jan;29:81-85.
120. Lems WF, Dreinhöfer KE, Bischoff-Ferrari H, Blauth M, Czerwinski E, da Silva J, Herrera A, Hoffmeyer P, Kvien T, Maalouf G, Marsh D, Puget J, Puhl W, Poor G, Rasch L, Roux C, Schüle S, Serio B, Tarantino U, van Geel T, Woolf A, Wyers C, Geusens P. EULAR/EFORT recommendations for management of patients older than 50 years with a fragility fracture and prevention of subsequent fractures. *Ann Rheum Dis*. 2017 May;76(5):802-810
121. Malouf-Sierra J, Tarantino U, García-Hernández PA, Corradini C, Overgaard S, Stepan JJ, Borris L, Lespessailles E, Frihagen F, Papavasiliou K, Petto H, Aspenberg P, Caeiro JR, Marin F Effect of Teriparatide or Risedronate in Elderly Patients With a Recent Pertrochanteric Hip Fracture: Final Results of a 78-Week Randomized Clinical Trial. *J Bone Miner Res*. 2017 May;32(5):1040-1051.
122. Liguori C, Izzi F, Mercuri NB, Tarantino U, Placidi F. Physical activity contradictorily affects bone mineral density in obstructive sleep apnea patients at different ages. *Sleep Med*. 2017 Apr;32:273.
123. Piccirilli E, Oliva F, Murè MA, Mahmoud A, Foti C, Tarantino U, Maffulli N. Viscosupplementation with intra-articular hyaluronic acid for hip disorders. A systematic review and meta-analysis. *Muscles Ligaments Tendons J*. 2016 Dec 21;6(3):293-299.
124. Scimeca M, Piccirilli E, Mastrangeli F, Rao C, Feola M, Orlandi A, Gasbarra E, Bonanno E, Tarantino U. Bone Morphogenetic Proteins and myostatin pathways: key mediator of human sarcopenia. *J, Transl Med*. 2017 Feb 15;15(1):34

125. Bertoli A, Valentini A, Cianfarani MA, Gasbarra E, Tarantino U, Federici M.
Low FT3: a possible marker of frailty in the elderly.
Clin Interv Aging. 2017 Feb 10;12:335-341
126. Manenti G, Iundusi R, Picchi E, Marsico S, D'Onofrio A, Rossi G, Tarantino U, Floris R
Anatomical variation: T1 spina bifida occulta. Radiological findings.
Radiol Case Rep. 2016 Dec 27;12(1):207-209.
127. Barroeta Seijas AB, Simonetti S, Vitale S, Runci D, Quinci AC, Soriani A, Criscuoli M, Filippi I, Naldini A, Sacchetti FM, Tarantino U, Oliva F, Piccirilli E, Santoni A, Di Rosa F.
GM-CSF Inhibits c-Kit and SCF Expression by Bone Marrow-Derived Dendritic Cells.
Front Immunol. 2017 Feb 16;8:147
128. Liguori C, Piccirilli E, Izzi F, Mercuri NB, Tarantino U, Placidi F.
Obstructive sleep apnoea as a risk factor for osteopenia and osteoporosis in the male population: further data and comments
Eur Respir J. 2017 Apr 12;49(4). pii: 1602471
129. Basilici Zannetti E, D'Agostino F, Cittadini N, Feola M, Pennini A, Rao C, Vellone E, Tarantino U, Alvaro R.
Effect of tailored educational intervention to improve self-care maintenance and quality of life in postmenopausal osteoporotic women after a fragility fracture: the Guardian Angel study.
Ig Sanita Pubbl. 2017 Jan-Feb;73(1):65-76.
130. Iolascon G, Gimigliano R, Bianco M, De Sire A, Moretti A, Giusti A, Malavolta N, Migliaccio S, Migliore A, Napoli N, Piscitelli P, Resmini G, Tarantino U, Gimigliano F.
Are Dietary Supplements and Nutraceuticals Effective for Musculoskeletal Health and Cognitive Function? A Scoping Review.
J Nutr Health Aging. 2017;21(5):527-538
131. Colaianni G, Mongelli T, Cuscito C, Pignataro P, Lippo L, Spiro G, Notarnicola A, Severi I, Passeri G, Mori G, Brunetti G, Moretti B, Tarantino U, Colucci SC, Reseland JE, Vettor R, Cinti S, Grano M.
Irisin prevents and restores bone loss and muscle atrophy in hind-limb suspended mice.
Sci Rep. 2017 Jun 6;7(1):2811.
132. Vetrano M, Oliva F, Bisicchia S, Bossa M, De Carli A, Di Lorenzo L, Erroi D, Forte A, Foti C, Frizziero A, Gasparre G, Via AG, Innocenti B, Longo UG, Mahmoud A, Masiero S, Mazza D, Natali S, Notarangelo C, Osti L, Padulo J, Pellicciari L, Perroni F, Piccirilli E, Ramponi C, Salvatore G, Panni AS, Suarez T, Tarantino U, Vittadini F, Vulpiani MC, Ferretti A, Maffulli N.
I.S.Mu.L.T. first-time patellar dislocation guidelines.
Muscles Ligaments Tendons J. 2017 May 10;7(1):1-10.
133. Tarantino U, Feola M, Celi M, Scimeca M.
PTX3: a new mediator of bone metabolism and osteoporosis.
Muscles Ligaments Tendons J. 2017 May 10;7(1):200-201
134. Scimeca M, Salustri A, Bonanno E, Nardozi D, Rao C, Piccirilli E, Feola M, Tancredi V, Rinaldi A, Iolascon G, Orlandi A, Gasbarra E, Maffulli N, Brandi ML, Tarantino U.
Impairment of PTX3 expression in osteoblasts: a key element for osteoporosis.
Cell Death Dis. 2017 Oct 12;8(10):e3125.

135. Tarantino U, Iolascon G, Cianferotti L, Masi L, Marcucci G, Giusti F, Marini F, Parri S, Feola M, Rao C, Piccirilli E, Zanetti EB, Cittadini N, Alvaro R, Moretti A, Calafiore D, Toro G, Gimigliano F, Resmini G, Brandi ML.
Clinical guidelines for the prevention and treatment of osteoporosis: summary statements and recommendations from the Italian Society for Orthopaedics and Traumatology.
J Orthop Traumatol. 2017 Nov;18(Suppl 1):3-36.
136. Michaletti A, Gioia M, Tarantino U, Zolla L.
Effects of microgravity on osteoblast mitochondria: a proteomic and metabolomics profile.
Sci Rep. 2017 Nov 13;7(1):15376.
137. Malafoglia V, Celi M, Muscoli C, Ilari S, Lauro F, Giacchetti LA, Morabito C, Feola M, Tarantino U, Raffaelli W.
Lymphocyte opioid receptors as innovative biomarkers of osteoarthritic pain, for the assessment and risk management of opioid tailored therapy, before hip surgery, to prevent chronic pain and opioid tolerance/addiction development: OpMarkArt (Opioids-Markers-Arthroprosthesis) study protocol for a randomized controlled trial.
Trials. 2017 Dec 19;18(1):605
138. Oliva F, Piccirilli E, Tarantino U, Maffulli N.
Percutaneous release of the plantar fascia. New surgical procedure.
Muscles Ligaments Tendons J. 2017 Sep 18;7(2):338-340
139. Scimeca M, Antonacci C, Toschi N, Giannini E, Bonfiglio R, Buonomo CO, Pistolesi CA, Tarantino U, Bonanno E.
Breast Osteoblast-like Cells: A Reliable Early Marker for Bone Metastases From Breast Cancer.
Clin Breast Cancer. 2017 Dec 5. pii: S1526-8209(17)30209-4.
140. Gioia M, Fasciglione GF, Sbardella D, Sciandra F, Casella M, Camerini S, Crescenzi M, Gori A, Tarantino U, Cozza P, Brancaccio A, Coletta M, Bozzi M.
The enzymatic processing of α -dystroglycan by MMP-2 is controlled by two anchoring sites distinct from the active site.
PLoS One. 2018 Feb 15;13(2):e0192651
141. Scimeca M, Centofanti F, Celi M, Gasbarra E, Novelli G, Botta A, **Tarantino U**. Vitamin D Receptor in Muscle Atrophy of Elderly Patients: A Key Element of Osteoporosis-Sarcopenia Connection. Aging Dis. 2018 Dec 4;9(6):952-964. doi: 10.14336/AD.2018.0215. eCollection 2018 Dec
142. Deletion of the Transcription Factor PGC-1 α in Mice Negatively Regulates Bone Mass. Colaianni G, Lippo L, Sanesi L, Brunetti G, Celi M, Cirulli N, Passeri G, Reseland J, Schipani E, Faienza MF, **Tarantino U**, Colucci S, Grano M. Calcif Tissue Int. 2018 Dec;103(6):638-652. doi: 10.1007/s00223-018-0459-4. Epub 2018 Aug 9.
143. Leg Fracture Associated with Synostosis of Interosseous Membrane During Running in A Soccer Player. Oliva F, Buharaja R, Iundusi R, **Tarantino U**. Transl Med UniSa. 2018 Mar 31;17:1-5. eCollection 2017 Jul.
144. Frailty and nutritional status in older people: the Mini Nutritional Assessment as a screening tool for the identification of frail subjects. Valentini A, Federici M, Cianfarani MA, **Tarantino U**, Bertoli A. Clin Interv Aging. 2018 Jul 13;13:1237-1244. doi: 10.2147/CIA.S164174. eCollection 2018. Erratum in: Clin Interv Aging. 2018 Sep 05;13:1631.
145. FRAX tool in type 2 diabetic subjects: the use of HbA_{1c} in estimating fracture risk. Valentini A, Cianfarani MA, De Meo L, Morabito P, Romanello D, **Tarantino U**, Federici M, Bertoli A. Acta Diabetol. 2018 Oct;55(10):1043-1050. doi: 10.1007/s00592-018-1187-y. Epub 2018 Jul 6.

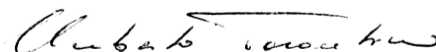
146. Bone Morphogenetic Proteins, Satellite Cells, and Sarcopenia: Perspective in Translational Medicine. **Tarantino U**, Scimeca M. *J Gerontol A Biol Sci Med Sci*. 2018 Nov 10;73(12):1591-1593. doi: 10.1093/gerona/gly079. No abstract available.
147. Decreasing trend of hip fractures incidence in Italy between 2007 and 2014: epidemiological changes due to population aging. **Tarantino U**, Piscitelli P, Feola M, Neglia C, Rao C, Gimigliano F, Iolascon G. *Arch Osteoporos*. 2018 Mar 9;13(1):23. doi: 10.1007/s11657-018-0423-y.
148. Radiological, Histological and Chemical Analysis of Breast Microcalcifications: Diagnostic Value and Biological Significance. Bonfiglio R, Scimeca M, Toschi N, Pistolese CA, Giannini E, Antonacci C, Ciuffa S, Tancredi V, **Tarantino U**, Albonici L, Bonanno E. *J Mammary Gland Biol Neoplasia*. 2018 Jun;23(1-2):89-99. doi: 10.1007/s10911-018-9396-0. Epub 2018 May 9.
149. Simulated microgravity induces a cellular regression of the mature phenotype in *human* primary osteoblasts. Gioia M, Michaletti A, Scimeca M, Marini M, **Tarantino U**, Zolla L, Coletta M. *Cell Death Discov*. 2018 May 10;4:59. doi: 10.1038/s41420-018-0055-4. eCollection 2018.
150. Guidelines for the management of osteoporosis and fragility fractures. Nuti R, Brandi ML, Checchia G, Di Munno O, Dominguez L, Falaschi P, Fiore CE, Iolascon G, Maggi S, Michieli R, Migliaccio S, Minisola S, Rossini M, Sessa G, **Tarantino U**, Toselli A, Isaia GC. *Intern Emerg Med*. 2019 Jan;14(1):85-102. doi: 10.1007/s11739-018-1874-2. Epub 2018 Jun 13.
151. Clusterin silencing restores myoblasts viability and down modulates the inflammatory process in osteoporotic disease. Pucci S, Greggi C, Polidoro C, Piro MC, Celi M, Feola M, Gasbarra E, Iundusi R, Mastrangeli F, Novelli G, Orlandi A, **Tarantino U**. *J Transl Med*. 2019 Apr 10;17(1):118. doi: 10.1186/s12967-019-1868-5.
152. Osteoprotegerin as a biomarker of geriatric frailty syndrome. Valentini A, Cianfarani MA, **Tarantino U**, Di Daniele N, Bertoli A. *Aging (Albany NY)*. 2019 Jul 17;11(14):4900-4909. doi: 10.18632/aging.102083.
153. Incidence and costs of hip fractures in elderly Italian population: first regional-based assessment. Piscitelli P, Feola M, Rao C, Neglia C, Rizzo E, Vigilanza A, Rivezzi M, Faccilongo N, Contò F, Distante A, **Tarantino U**. *Arch Osteoporos*. 2019 Jul 24;14(1):81. doi: 10.1007/s11657-019-0619-9.
154. Short-term efficacy and safety of betamethasone valerate 2.25 mg medicated plaster in patients with chronic lateral epicondylitis: Results of a randomised, double blind, placebo-controlled study. Bernasconi S, Causero A, Giaffreda G, Papalia R, Bonanno G, Sadile F, Frascini G, Fortina M, Frizziero A, Chiarelli N, Salini V, **Tarantino U**, Voglino N, Castagna A, Grassi FA, Rovati S, Frangione V. *Muscles, Ligaments and Tendons Journal*. 2019 Oct-Dec;9(4):590-599. doi: 10.32098/mltj.04.2019.15.
155. Treat-to-target strategy for knee osteoarthritis. International technical expert panel consensus and good clinical practice statements. Migliore A, Gigliucci G, Alekseeva L, Avasthi S, Bannuru R, Chevalier X, Conrozier T, Crimaldi S, Damjanov N, de Campos GC, Diracoglu D, Herrero-Beaumont G, Iolascon G, Ionescu R, Isailovic N, Jerosch J, Lains J, Maheu E, Makri S, Martusevich N, Cerinc MM, Micu M, Pavelka K, Petrella RJ, **Tarantino U**, Raman R. *Ther Adv Musculosket Dis*. 2019 Dec;11:1759720X19893800. doi: 10.1177/1759720X19893800. eCollection 2019.
156. Osteoprotegerin in diabetic osteopathy. Valentini A, Cianfarani MA, Federici M, **Tarantino U**, Bertoli A. *Nutr Metab Cardiovasc Dis*. 2020 Jan 3;30(1):49-55. doi: 10.1016/j.numecd.2019.08.018. Epub 2019 Sep 9.
157. Multidisciplinary integrated approach for older adults with symptomatic osteoarthritis: SIMFER and SI-GUIDA Joint Position Statement. Iolascon G, Ruggiero C, Fiore P, Mauro GL, Moretti B, **Tarantino U**. *Eur J Phys Rehabil Med*. 2020 Feb;56(1):112-119. doi: 10.23736/S1973-9087.19.05837-4. Epub 2019 Nov 18.

158. Identification of Aberrantly-Expressed Long Non-Coding RNAs in Osteoblastic Cells from Osteoporotic Patients. Centofanti F, Santoro M, Marini M, Visconti VV, Rinaldi AM, Celi M, D'Arcangelo G, Novelli G, Orlandi A, Tancredi V, **Tarantino U**, Botta A. *Biomedicines*. 2020 Mar 19;8(3):65. doi: 10.3390/biomedicines8030065.
159. LIGHT/TNFSF14 regulates estrogen deficiency-induced bone loss. Brunetti G, Storlino G, Oranger A, Colaianni G, Faienza MF, Ingravallo G, Di Comite M, Reseland JE, Celi M, **Tarantino U**, Passeri G, Ware CF, Grano M, Colucci S. *J TPathol* 2020 Apr;250(4):440-451. doi: 10.1002/path.5385. Epub 2020 Feb 25.
160. Clusterin exerts a cytoprotective and antioxidant effect in human osteoarthritic cartilage. Tarquini C, Pucci S, Scioli MG, Doldo E, Agostinelli S, D'Amico F, Bielli A, Ferlosio A, Caredda E, **Tarantino U**, Orlandi A. *Aging (Albany NY)*. 2020 Jun 9;12(11):10129-10146. doi: 10.18632/aging.103310. Epub 2020 Jun 9.
161. Obesity, vitamin D status and physical activity: 1,25(OH)2D as a potential marker of vitamin D deficiency in obese subjects. Valentini A, Perrone MA, Cianfarani MA, **Tarantino U**, Massoud R, Merra G, Bernardini S, Morris HA, Bertoli A. *Panminerva Med*. 2020 Jun;62(2):83-92. doi: 0.23736/S0031-0808.20.03770-2.
162. Effects of Simulated Microgravity on Muscle Stem Cells Activity. **Tarantino U**, Cariati I, Marini M, D'Arcangelo G, Tancredi V, Primavera M, Iundusi R, Gasbarra E, Scimeca M. *Cell Physiol Biochem*. 2020 Aug 5;54(4):736-747. doi: 10.33594/000000252.
163. Circulating Long Non-Coding RNA GAS5 Is Overexpressed in Serum from Osteoporotic Patients and Is Associated with Increased Risk of Bone Fragility. Visconti VV, Fittipaldi S, Ciuffi S, Marini F, Isaia G, D'Amelio P, Migliaccio S, Marocci C, Minisola S, Nuti R, Novelli G, Brandi ML, Botta A, **Tarantino U**. *Int J Mol Sci*. 2020 Sep 21;21(18):6930. doi: 10.3390/ijms21186930.
164. Fragility Fractures: What Changes in the Era of the COVID-19? **Tarantino U**, Cariati I, Piccirilli E. *Insights Biomed*. 2020 Sep 30;5(4):16. doi: 10.36648/2572-5610.4.4.80.
165. Irisin Correlates Positively With BMD in a Cohort of older Adult Patients and Downregulates the Senescent Marker p21 in Osteoblasts. Colaianni G, Errede M, Sanesi L, Notarnicola A, Celi M, Zerlotin R, Storlino G, Pignataro P, Oranger A, Pesce V, **Tarantino U**, Moretti B, Grano M. *J Bone Miner Res*. 2020 Oct 14. doi: 10.1002/jbmr.4192.
166. State of Fragility Fractures Management during the COVID-10 Pandemic. **Tarantino U**, Cariati I, Tancredi V, Casamassima D, Piccirilli E, Iundusi R, Gasbarra E. *Int J Environ Res Public Health*. 2020 Oct 22;17(21):7732. doi: 10.3390/ijerph17217732.
167. Genetic variability in noncoding RNAs: involvement of miRNAs and long noncoding RNAs in osteoporosis pathogenesis. Fittipaldi S, Visconti VV, **Tarantino U**, Novelli G, Botta A. *Epigenomics*. 2020 Nov;12(22):2036-2049. doi: 10.2217/epi-2020-0233. Epub 2020 Dec 2.
168. Simulated Microgravity: An efficient model for the study of age-related bone and muscle diseases. **Tarantino U**, Cariati I, Tancredi V, Marini M, Casamassima D, Romano F, Iundusi R, Gasbarra E. *J Transl Sci*. 2020 Nov 4;7:1-7. doi: 10.15761/JTS.1000430.
169. Update incidence and costs of hip fractures in elderly Italian population. Piscitelli P, Neglia C, Feola M, Rizzo E, Argentiero A, Ascolese M, Rivezzi M, Rao C, Miani A, Distante A, Esposito S, Iolascon G, **Tarantino U**. *Aging Clin Exp Res*. 2020 Dec;32(12):2587-2593. doi: 10.1007/s40520-020-01497-0. Epub 2020 Feb 13.
170. Atypical periprosthetic femoral fractures of the hip: characterization of three cases. Toro G, Di Fino C, De Cicco A, Toro G, Paoletta M, Toro A, **Tarantino U**, Iolascon G, Panni AS. *Hip Int*. 2020 Dec;30(2_suppl):77-85. doi: 10.1177/1120700020971726.
171. Differences between muscle from osteoporotic and osteoarthritic subjects: in vitro study by diffusion-tensor MRI and histological findings. Di Pietro G, Scimeca M, Iundusi R, Celi M, Gasbarra E, **Tarantino U**, Capuani S. *Aging Clin Exp Res*. 2020 Dec;32(12):2489-2499. doi: 0.1007/s40520-020-01483-6. Epub 2020 Feb 6.

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Signature
Umberto Tarantino



Roma 01.01.2021

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