

Allegato B

CRISTIANA CIPRIANI

Curriculum Vitae

Place Rome

Date May 31st, 2023

Part I – General Information

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| Full Name | Cristiana Cipriani |
| Spoken Languages | Italian, English, Spanish |

Part II – Education

| Type | Year | Institution | Notes (Degree, Experience,...) |
|------------------------|-----------|---|--|
| University graduation | 2006 | Sapienza University of Rome | Medicine and Surgery; cum laude; dissertation “A prospective study on the personality disorders in patients with primary hyperparathyroidism” |
| Post-graduate studies | | | |
| Specialty | 2012 | Sapienza University of Rome | Internal Medicine; cum laude; dissertation “Vitamin D deficiency: effects of the supplementation on serum bioavailability and clinical outcomes” |
| PhD | 2016 | Sapienza University of Rome | Skeletal Disease; cum laude; “New imaging technology in the evaluation of skeletal and renal complications in patients with parathyroid hormone deficiency and excess” |
| Pre-doctorate training | 2004-2006 | Sapienza University of Rome | Internship in the Unit of Internal Medicine and Metabolic Bone Disease |
| Pre-doctorate training | 2012 | Columbia University, New York, USA | Observership experience |
| Pre-doctorate training | 2014-2015 | Columbia University, New York, USA | Postdoctoral Research Fellowship, Endocrinology Unit |
| Licensure 01 | 2007 | Sapienza University of Rome | Italy Medical Licence |
| Licensure 02 | 2011 | Società Italiana di Ultrasonologia in Medicina e Biologia (SIUMB) | Proficiency Diploma in Clinical Ultrasound |
| Licensure 03 | 2017 | Italian Ministry of Education, | National Scientific Qualification |

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| Universities and Research (MIUR) | to function as Associate Professor in Internal Medicine |
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Part III – Appointments

IIIA – Academic Appointments

| Start | End | Institution | Position |
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| 2019 | 2022 | Sapienza University of Rome | Research Associate (Ricercatore a tempo determinato di tipo A – RTDA) |

IIIB – Other Appointments

| Start | End | Institution | Position |
|------------|--------------|-------------------------------|--|
| 2016 | 2019 | Sapienza University of Rome | Research Fellow (Assegnista di Ricerca di tipo A) |
| April 2021 | October 2022 | “Policlinico Umberto I”, Rome | Attending Physician, Unit of Urgency Medicine and Unit of Internal Medicine and Metabolic Bone Disease |

Part IV – Teaching experience

| Year | Institution | Lecture/Course |
|-----------|-----------------------------|--|
| 2011-2012 | Sapienza University of Rome | First Level Master in “Treatment and prevention of diabetic foot” |
| 2012-2019 | Sapienza University of Rome | Lecturer, Medical Clinical Methodology, course “C” in Medicine and Surgery |
| 2016-2019 | Sapienza University of Rome | Lecturer, Internal Medicine, course “A” in Medicine and Surgery |
| 2019-2022 | Sapienza University of Rome | Teacher, Medical Clinical Methodology, course “C” in Medicine and Surgery |
| 2019-2022 | Sapienza University of Rome | Teacher, Internal Medicine, course “A” in Medicine and Surgery |
| 2019-2022 | Sapienza University of Rome | Teacher, Internal Medicine, course “F” in Nursing |
| 2019-2022 | Sapienza University of Rome | Course Coordinator, Internal Medicine, course “F” in Nursing |
| 2019-2022 | Sapienza University of Rome | Teacher, Specialization in Internal Medicine |
| 2021-2022 | Sapienza University of Rome | Teacher, Specialization in Emergency-Urgency Medicine |

Part V – Memberships and activities in scientific society, Awards and Honors

| Year | Title |
|--------------|--|
| 2007 | Italian Society for Osteoporosis, Mineral Metabolism and Skeletal Disease (SIOMMMS) - membership |
| 2009 | Italian Society of Internal Medicine (SIMI) - membership |
| 2010 | American Society for Bone and Mineral Research (ASBMR) - membership |
| 2011 | Italian Society for Osteoporosis, Mineral Metabolism and Skeletal Disease (SIOMMMS) – Junior Award for the scientific production |
| 2012 | European Calcified Tissue Society (ECTS) - membership |
| 2013 | Italian Society of Internal Medicine (SIMI) – SIMI Educational Award for the research project “Immunomodulatory effects of vitamin D in patients with polymyalgia rheumatica” |
| 2014 | American Society for Bone and Mineral Research (ASBMR) – Travel grant for the oral communication “Clinical presentation of primary hyperparathyroidism: a five-year study” |
| 2015 | Italian Society of Internal Medicine (SIMI) – Best Poster Award for the study “Comparative effect of PTH(1-84) on bone mineral density and trabecular bone score (TBS) in hypoparathyroidism and osteoporosis” |
| 2015 | Italian Federation of Osteoporosis and Skeletal Disease (FEDIOS) – Scholarship for young researcher abroad |
| 2016-2021 | Italian Society for Osteoporosis, Mineral Metabolism and Skeletal Disease (SIOMMMS) – Regional Coordinator (Lazio) |
| 2016-2021 | Italian Society for Osteoporosis, Mineral Metabolism and Skeletal Disease (SIOMMMS) – member of the Editorial Committee |
| 2017 | Italian Society of Endocrinology - membership |
| 2017-2022 | American Society for Bone and Mineral Research (ASBMR) Annual Conference–abstract reviewer |
| 2019 | Sapienza University of Rome “Minerva” Award for scientific research – Honourable Mention |
| 2019-2023 | European Calcified Tissue Society (ECTS) Annual Conference – abstract reviewer |
| 2019-2023 | Endocrine Society Annual Conference – abstract reviewer |
| 2019-present | Italian Society for Osteoporosis, Mineral Metabolism and Skeletal Disease (SIOMMMS) – Member of the Board of Directors |
| 2019-2022 | American Society for Bone and Mineral Research (ASBMR) – member of the Member an Education Committee |
| 2019-2022 | European Calcified Tissue Society (ECTS) – member of the Communication Working Group |
| 2020-2021 | Italian Society for Osteoporosis, Mineral Metabolism and Skeletal Disease (SIOMMMS) –Coordinator of the Educational Committee |
| 2021-present | Italian Society for Osteoporosis, Mineral Metabolism and Skeletal Disease (SIOMMMS) –Coordinator of the Communication, Website and Members Services Committee |
| 2021-present | Italian Society of Internal Medicine – member of the Communication, Multimedia and Information Committee |

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| 2022 | American Society for Bone and Mineral Research (ASBMR) – Travel grant for the oral and plenary poster “Impairment in muscle strength and its determinants in primary hyperparathyroidism: a study in postmenopausal women” |
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Part VI - Funding Information [grants as PI-principal investigator or I-investigator]

| Year | Title | Program | Grant value |
|------|--|---|-------------|
| 2013 | “Skeletal muscle in postmenopausal women with primary hyperparathyroidism: a longitudinal study” | Sapienza University of Rome grant “Avvio alla Ricerca” (PI) | |
| 2013 | “Kidney injury after bisphosphonates infusion” | Sapienza University of Rome grant “Progetti Medi” (I) | |
| 2014 | “Clinical presentation of primary hyperparathyroidism: a longitudinal study” | Sapienza University of Rome grant “Avvio alla Ricerca” (PI) | |
| 2015 | “Comparative effect of PTH(1-84) on bone mineral density and trabecular bone score (TBS) in hypoparathyroidism and osteoporosis” | Sapienza University of Rome grant “Avvio alla Ricerca” (PI) | |
| 2015 | “Prevalence and natural history of normocalcemic primary hyperparathyroidism” | Sapienza University of Rome grant “Progetti Medi” (I) | |
| 2016 | “Acute kidney injury in primary hyperparathyroidism” | Sapienza University of Rome grant “Progetti Medi” (I) | |
| 2017 | “Kidney injury in patients with various Internal Medicine conditions” | Sapienza University of Rome grant “Avvio alla Ricerca” (PI) | |
| 2018 | “Impact of vitamin D supplementation on skeletal and non-skeletal manifestations in patients with primary hyperparathyroidism with or without surgery” | Sapienza University of Rome grant “Progetti Medi” (I) | |
| 2019 | “The effects on the microbiota of postmenopausal women with insufficient vitamin D status following administration of 25.000 IU or 50.000 IU of cholecalciferol per week for 2 months” | Sapienza University of Rome grant “Progetti Medi” (I) | |
| 2020 | “Bone marrow fat in postmenopausal women with post-surgical hypoparathyroidism” | Sapienza University of Rome grant “Progetti Medi” (I) | |
| 2021 | “Dissecting the mechanisms of progressive osteolysis in Gorham-Stout disease” | Health Ministry “Ricerca Finalizzata” – Young Researcher 2019 (I) | |

Part VII – Research Activities

Keywords

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| Primary hyperparathyroidism |
| Hypoparathyroidism |
| Vitamin D |
| Osteoporosis |
| Rare metabolic bone disease |

Brief Description

The clinical research activity is focused on the study of two of the main hormones involved in the regulation of bone metabolism, namely vitamin D and parathyroid hormone, and their interplay with target organs. Skeletal and non-skeletal complications of parathyroid disorders, extra-skeletal actions of vitamin D, and effect of different doses and formulations of vitamin D on various clinical outcomes are amongst the main topics. Particular interest was placed on the application of newer and different technologies to the clinical, biochemical and imaging evaluation of bone, kidneys, and skeletal muscle in the context of parathyroid disease and conditions associated with vitamin D deficiency. Among them, both common (hypercalcemic and normocalcemic primary hyperparathyroidism, osteoporosis, nutritional vitamin D deficiency), and rare metabolic bone disease (hypoparathyroidism, tumor-induced osteomalacia, hypophosphatasia), were the main study subjects. Finally, several research projects focused on the skeletal and non-skeletal (cardiovascular and renal) effects of bone-active drugs, both antiresorptive and anabolic agents.

Part VIII – Summary of Scientific Achievements

| Product type | Number | Data Base | Start | End |
|------------------------|--------|-----------|-------|------------|
| Papers [international] | 138 | Scopus | 2008 | April 2023 |
| Papers [national] | 1 | Scopus | 2009 | 2009 |
| Books [scientific] | 2 | Scopus | 2019 | 2021 |
| Books [teaching] | | | | |

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| Total Impact factor | 863.067 |
| Average Impact factor | 6.16 |
| Total Citations | 2677 |
| Average Citations per Product | 19.12 |
| Hirsch (H) index | 27 |
| Normalized H index* | 1.687 |

*H index divided by the academic seniority.

Part IX– Selected Publications (no more than 12 in the last 8 years)

1. Bone Marrow Adipose Tissue (BMAT) is increased in postmenopausal women with post-surgical hypoparathyroidism. Davide Diacinti, Daniele Diacinti, Antonio Iannaccone, Jessica Pepe, Luciano Colangelo, Luciano Nieddu, Endi Kripa, Martina Orlandi, Viviana De Martino, Salvatore Minisola, Cristiana Cipriani. J Clin Endocrinol Metab. 2023 Feb

28;dgad116. doi: 10.1210/clinem/dgad116. Online ahead of print; journal IF: 6.134; Original paper

2. Impairment in muscle strength and its determinants in primary hyperparathyroidism: A study in postmenopausal women. De Martino, Viviana; Pepe, Jessica; Biamonte, Federica; Colangelo, Luciano; Di Giuseppe, Laura; Nieddu, Luciano; Occhiuto, Marco; Minisola, Salvatore; Cipriani, Cristiana. *Bone* Volume 166 January 2023 Article number 116604; doi: 10.1016/j.bone.2022.116604. Epub 2022 Nov 5; journal IF 4.626; Original paper
 3. Tumor-induced Osteomalacia: A Comprehensive Review. Salvatore Minisola, Seiji Fukumoto, Weibo Xia, Alessandro Corsi, Luciano Colangelo, Alfredo Scillitani, Jessica Pepe, Cristiana Cipriani, Rajesh V Thakker. *Endocr Rev* 2023 Mar 4;44(2):323-353. doi: 10.1210/endrev/bnac02; journal IF 25.261, citations (WOS): 4; Invited review
 4. Quality of Life in Primary Hyperparathyroidism. Cristiana Cipriani, Luisella Cianferotti. *Endocrinol Metab Clin North Am.* 2022 Dec;51(4):837-852. doi: 10.1016/j.ecl.2022.04.007; journal IF 4.748; citations (WOS): 1; citations (WOS): 1; Invited review
 5. Vertebral Fracture Assessment in Postmenopausal Women With Postsurgical Hypoparathyroidism. Cristiana Cipriani, Salvatore Minisola, John P Bilezikian, Davide Diacinti, Luciano Colangelo, Valentina Piazzolla, Maurizio Angelozzi, Luciano Nieddu, Jessica Pepe, Daniele Diacinti. *J Clin Endocrinol Metab.* 2021 Apr 23;106(5):1303-1311. doi: 10.1210/clinem/dgab076; journal IF: 6.134; citations (WOS): 11;; Original paper
 6. Approach to patients with hypophosphataemia. Pablo Florenzano, Cristiana Cipriani*, Kelly L Roszko, Seiji Fukumoto, Michael T Collins, Salvatore Minisola, Jessica Pepe. *Lancet Diabetes Endocrinol.* 2020 Feb;8(2):163-174. doi: 10.1016/S2213-8587(19)30426-7. Epub 2020 Jan 7; journal IF: 32.069; citations (Scopus): 33; Review
- *corresponding author
7. Three generational phenotypes of sporadic primary hyperparathyroidism: evolution defined by technology. Cristiana Cipriani, John P Bilezikian. *Lancet Diabetes Endocrinol.* 2019 Oct;7(10):745-747. doi: 10.1016/S2213-8587(19)30188-3; journal IF: 25.340; citations (Scopus): 12; Note
 8. Comparative Effect of rhPTH(1-84) on Bone Mineral Density and Trabecular Bone Score in Hypoparathyroidism and Postmenopausal Osteoporosis Cristiana Cipriani, Jessica Pepe, Barbara C Silva, Mishaela R Rubin, Natalie E Cusano, Donald J McMahon, Luciano Nieddu, Maurizio Angelozzi, Federica Biamonte, Daniele Diacinti, Didier Hans, Salvatore Minisola, John P Bilezikian. *J Bone Miner Res* 2018 Dec;33(12):2132-2139. doi: 10.1002/jbmr.3554; journal IF: 5.711; citations (Scopus): 16; Original paper

9. Tumour-induced osteomalacia. Salvatore Minisola, Munro Peacock, Seiji Fukumoto, Cristiana Cipriani, Jessica Pepe, Sri Harsha Tella, Michael T Collins. Nat Rev Dis Primers. 2017 Jul 13;3:17044. doi: 10.1038/nrdp.2017.44; journal IF: 16.071; citations (Scopus): 159; Review
10. Explaining geographical variation in the presentation of primary hyperparathyroidism. Minisola S, Pepe J, Scillitani A, Cipriani C. Lancet Diabetes Endocrinol. 2016 4(8):641-643. doi: 10.1016/S2213-8587(16)00076-0; journal IF: 19.742; citations (WOS): 19; Note
11. The diagnosis and management of hypercalcaemia. Salvatore Minisola, Jessica Pepe, Sara Piemonte, Cristiana Cipriani. BMJ. 2015 Jun 2;350:h2723. doi: 10.1136/bmj.h2723; journal IF: 19.697; citations (Scopus): 110; Review
12. Prevalence of kidney stones and vertebral fractures in primary hyperparathyroidism using imaging technology. Cristiana Cipriani, Federica Biamonte, Aline G Costa, Chiyuan Zhang, Piergianni Biondi, Daniele Diacinti, Jessica Pepe, Sara Piemonte, Alfredo Scillitani, Salvatore Minisola, John P Bilezikian. J Clin Endocrinol Metab. 2015 Apr;100(4):1309-15. doi: 10.1210/jc.2014-3708; journal IF: 5.531 citations (Scopus): 98; Original article

Indicators calculated in reference to the 12 selected publications (source Scopus, Web of Science):

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| Total Impact factor | 151.367 |
| Average Impact factor | 12.6 |
| Total Citations | 467 |
| Average Citations per Product | 38.91 |
| Hirsch (H) index | 8 |
| Normalized H index* | 0.5 |

*H index divided by the academic seniority.

Part X– Editorial activity

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| 2009-present | Referee for more than 30 international peer-reviewed journals (about 3 reviews/month), among which: Lancet, Lancet Diabetes & Endocrinology, J American College Cardiology, J of Bone and Mineral Research, J Clinical Endocrinology and Metabolism, European J Clinical Nutrition, Bone, Clinical Endocrinology |
| 2017-present | Italian Society of Endocrinology – member of the Editorial Board of Journal of Endocrinological Investigation |
| 2018-2020 | Endocrine Society- member of the Editorial Board of Journal of Clinical Endocrinology and Metabolism |
| 2020-present | Member of the Editorial Board of Nutrients |
| 2021- | Guest Editor of the special issue “Vitamin D: a global perspective for health”, Nutrients |

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| 2022 | |
| 2023-present | American Society for Bone and Mineral Research (ASBMR) – member of the Editorial Board of Journal of Bone and Mineral Research |

Part XI– Conferences – invited speaker, chair and scientific coordinator; abstract presentation

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| 2011 | Course on lung disease, integrated imaging and lung ultrasound; Manfredonia (FG); speaker |
| 2012 | Theoretical-practical training in the osteoporosis and metabolic bone disease clinic; Rome; speaker |
| 2013 | Theoretical-practical training in the osteoporosis and metabolic bone disease clinic; Rome; speaker |
| 2013 | Use of vitamin D and its metabolites; Rome; speaker |
| 2013 | Update in lung ultrasound; San Giovanni Rotondo (FG); speaker |
| 2014 | 115 th SIMI National Conference: “Skeletal effects of vitamin D”; Rome; speaker |
| 2015 | 11 th National Conference of the Italian Group for the study of bone disease (GISMO): “Polymyalgia rheumatica and vitamin D”; Rome; speaker |
| 2015 | 44 th National Conference of the National Association of Physicians of Religious Institutes and Hospitals (ANMIRS): “Risk factors for osteoporosis-related morbidity and mortality in postmenopausal women: identification and prevention”; Rome; speaker |
| 2015 | Networking in osteoporosis; “Instrumental and biochemical evaluation of skeletal resistance reduction in chronic renal failure”; Rome; speaker |
| 2015 | Osteoporosis 2015: ;Risk factors and Nota 79”; Rome; speaker |
| 2016 | European Calcified Tissue Society Annual Conference; “Update on parathyroid disease” session; Rome; chair |
| 2016 | CME Conference Tsunami diabetes: “Pleiotropic effects of vitamin D”; Cassino (FR); speaker |
| 2016 | 16 th SIOMMMS National Conference: “Antiretroviral drugs”; Rome; speaker |
| 2016 | 16 th SIOMMMS National Conference: poster session; Rome; chair |
| 2016 | CME Conference “Top ten”: “Pathophysiological basis of reduced skeletal resistance in the elderly”; Rome; speaker |
| 2017 | Primary hyperparathyroidism: an evolving disease: Rome; scientific coordinator; speaker: “Primary hyperparathyroidism: epidemiology, diagnosis and classical manifestations” |
| 2017 | 11 th Lazio Molise SIMI Conference: “Paradigms of care and appropriateness in osteoporosis therapy”; Rome; speaker |
| 2017 | Young renal week: “Discussion of clinical cases: indications and contraindications to bone biopsy in different types of bone disease in patients with chronic kidney disease”; Tivoli (RM); speaker |
| 2017 | Catania Bone Symposium: “Bisphosphonates: a long story”; Catania; speaker |
| 2018 | CME Course Bone. Focus on a dynamic organ: “Osteoporosis”; Rome; speaker |
| 2019 | Zoledronate: future perspectives from past experience: “ Clinical cases”; Naples; speaker |
| 2019 | National Conference of the Italian Group of Bone Interdisciplinary Specialists (GIBIS): “Impact of bisphosphonates on mortality”; Naples; speaker |

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| 2019 | News on osteoporosis in 2019: “Differential diagnosis of osteoporosis”; Rome; speaker |
| 2019 | First National Conference on Metabolic Bone Disease in the childhood: “Vitamin D and bone health”; Rome; speaker |
| 2019 | 19 th SIOMMMS National Conference: session “What’s new in laboratory and instrumental diagnostics?”; Bologna; chair |
| 2019 | TALENT: Transition and Adolescence - Endocrine disease management: “Hypovitaminosis D in transition”; Rome; speaker |
| 2020 | 4th International Vitamin D Mediterranean Congress; Rome; scientific coordinator; “hypoparathyroidism: vitamin D or not?”; speaker |
| 2020 | National Conference of the Italian Group of Bone Interdisciplinary Specialists (GIBIS): “Vitamin D and immunity”; online conference; speaker |
| 2020 | American Society for Bone and Mineral Research (ASBMR) Annual Conference: Oral communications; online conference; chair |
| 2020 | 20 th SIOMMMS National Conference: “Hypovitaminosis D in obese patients”; online conference; speaker |
| 2020 | 5 th Osteo-metabolic territorial disease in 2020: “May gastro-resistance to bisphosphonates increase adherence to treatment?”; Rome; speaker |
| 2020 | FAD Course Identification of patient at elevated re-fracture risk: “ Update on the role of bone mineral density (BMD); online course; speaker |
| 2020 | Infusion therapy with zoledronic acid in the treatment of osteoporosis; online conference; speaker |
| 2021 | CME Course BET NET – Bone Expertise Training; “Bone markers: myth or reality?”; “ONJ: useless dilemma?”; Rome; speaker |
| 2021 | 41st National Conference of the Italian Society of Endocrinology; “Skeletal complications in primary hyperparathyroidism”; Rome; speaker |
| 2021 | CME Course Bone disease of internal interest; “Page disease: diagnosis and treatment”; Rome; speaker |
| 2021 | 21 st SIOMMMS National Conference: “Hypoparathyroidism and bone”; roundtable “New strategies for the management of osteoporosis and fragility fractures”; online conference; speaker |
| 2022 | ECTS Rare Bone Diseases webinar; chair |
| 2022 | Italian Society of Nephrologist (SIN) webinar: “Use of oral antidiabetics and thier role in skeletal disease in the general population and in CKD”; ;Clinical cases”; speaker |
| 2022 | CME Course BET NET – Bone Expertise Training; “Indications and limits of one markers”; “Alendronate in the future?”; Rome; speaker |
| 2022 | 6 th territorial meeting on osteo-metabolic disease: “Bisphosphonates: osteoporosis and more”; Rome; speaker |
| 2022 | Educational Course GIBIS Academy: “Practical approach to Metabolic Bone Disease: laboratory”; Rome; speaker |
| 2022 | 30th Medical Tiburtina day: “Osteoporosis and cardiovascular risk”; Tivoli (RM); speaker |
| 2022 | 22 nd SIOMMMS National Conference: “Wnt/beta catenin and vascular caclifications”; Bari; speaker |
| 2022 | National Conference of the Italian Group of Bone Interdisciplinary Specialists (GIBIS): “Acquired hypophosphatemic syndromes”; Rome; speaker |
| 2022 | CME Educational Course Fragilitrain: “Current therapeutic opportunities in treatment |

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| | of bone frailty”; Rome; speaker |
| 2022 | 2022 Pisa meeting on endocrinology and metabolism (IPEM): “Primary hyperparathyroidism: target organs complications”; Pisa; speaker |
| 2022 | ECTS Clinical Training; online event; chair |
| 2022 | 1st International meeting on endocrine-related osteoporosis: “Primary hyperparathyroidism and bone”; Catania; speaker |
| 2022 | Hot topics in osteometabolic disease: “Teriparatide and romosozumab: which anabolic therapy?”; Rome; speaker; session “Particular osteometabolic conditions”; chair |
| 2023 | SIMI GIS4PLUS Webinar: “Hypercalcemia. Differential diagnosis”; speaker |
| 2023 | 1st SIOMMMS Regional (Lazio) Conference: “Markers of bone remodeling”; “ONJ: bone specialist’s opinion”; Rome; speaker |
| 2023 | 6th Conference Osteoporosis in perturbations of mineral metabolism in the general population and in CKD: “Oral hypoglycemic drugs and their impact on bone frailty: how to prevent in the general population and in chronic kidney disease”; Padua; speaker |
| 2009-2022 | Presentation of more than 30 posters and 10 oral communications during national and international conferences |

Part XII– Member of scientific boards; national and international scientific collaborations

| Year | Institution/society | Project/s – topic/s |
|--------------|--|--|
| 2012-2013 | Mayo Clinic Laboratories, Mayo Clinic, Rochester, MN, USA | Long-term bioavailability after a single oral or intramuscular administration of 600,000 IU of ergocalciferol or cholecalciferol |
| 2012-2018 | University of Verona, ASL3-Azienda Sanitaria Genovese, Genoa, University of Foggia, University of Turin, University of Siena, University of Milan, University of Montichiari (BS), University of Parma | Prevalence of osteoporosis and risk factors for fractures in the Italian population: a multicenter study from SIOMMMS |
| 2012-2020 | Henry Ford Hospital, Detroit, MI, USA | Effect of gender and geographic location on primary hyperparathyroidism; the relative influence of vitamin D and PTH |
| 2013-present | "Casa Sollievo della Sofferenza" Hospital, IRCCS, San Giovanni Rotondo, FG, Italy | Impact of vitamin D supplementation on skeletal and non-skeletal manifestations in patients with primary hyperparathyroidism with or without surgery |
| 2014-2018 | College of Physicians and Surgeons, Columbia University, New York, USA | Primary Hyperparathyroidism: bone quality; Hypoparathyroidism; Treatment of Hypoparathyroidism with Parathyroid Hormone |
| 2016-2018 | Lenox Hill Hospital, New York, NY, USA | Management of primary hyperparathyroidism; bone quality in hypoparathyroidism |
| 2016-2021 | University Hospitals and Faculty of Medicine, Geneva, Switzerland | A pilot study on cathepsin K-generated periostin fragment and fractures in postmenopausal women with primary hyperparathyroidism |

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| 2017-present | University of Florence, Italy, University Hospital and University of Zurich, Switzerland | Epidemiology of hypoparathyroidism in Italy; The effect of a daily and weekly administration of calcidiol on 25(OH)D ₃ serum levels and on mineral and metabolic markers in postmenopausal female subjects and in male subjects, both over 55 years of age with inadequate levels of vitamin D |
| 2018-present | “Bambino Gesù”, Children's Hospital, IRCCS, Rome, Italy | Dissecting the mechanisms of progressive osteolysis in Gorham-Stout disease |
| 2020-2022 | International Workshop on Hypoparathyroidism and Primary Hyperparathyroidism | Member of the Task Force # 6: Classical and Non-classical Features of Primary hyperparathyroidism |
| 2022-2023 | Association of Endocrinologists (AME), SIOMMMS | Italian Guidelines on the Management of Sporadic Primary Hyperparathyroidism in Adults (“Sistema Nazionale Linee Guida – ISS”) |
| 2021-present | Italian Society of Internal Medicine (SIMI) | REPOSI Study |

AUTORIZZO IL TRATTAMENTO DEI DATI PERSONALI AI SENSI DEL D.LGS. 196 DEL 30 GIUGNO 2003 E ALL'ART. 13 E DEL REGOLAMENTO UE 2016/679 RELATIVO ALLA PROTEZIONE DELLE PERSONE FISICHE CON RIGUARDO AL TRATTAMENTO DEI DATI PERSONALI

Roma, 31/05/2023