



Guido Cavati

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Address: Via Giovanni Dupré, 27, 53100, Siena, Italy (Home)

WORK EXPERIENCE

20/04/2020 – 31/05/2020 Certaldo, Italy
MEDICAL DOCTOR RSA VILLA AGOSTINA - COVID UNIT

25/01/2021 – CURRENT Siena, Italy
INTERNAL MEDICINE RESIDENT UNIVERISTY OF SIENA

01/11/2024 – CURRENT Siena, Italy
PHD STUDENT IN TRANSLATIONAL AND PRECISION MEDICINE UNIVERSITY OF SIENA

EDUCATION AND TRAINING

20/10/2013 – 26/07/2019 Siena, Italy
MEDICINE AND SURGERY DEGREE Università degli Studi di Siena

LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	C1	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Microsoft office | Social Media | Google drive | Mail | STAT

PUBLICATIONS

CURRENT Scientific Publications

"Bone Fragility in Gastrointestinal Disorders." Int J Mol Sci. 2022 Feb 28;23(5):2713. doi: 10.3390/ijms23052713. Merlotti D, Mingiano C, Valenti R, **Cavati G**, Calabrese M, Pirrotta F, Bianciardi S, Palazzuoli A, Gennari L.

"Update on the pathogenesis and genetics of Paget's disease of bone." Front Cell Dev Biol. 2022 Aug 12;10:932065. doi: 10.3389/fcell.2022.932065. Gennari L, Rendina D, Merlotti D, **Cavati G**, Mingiano C, Cosso R, Materozzi M, Pirrotta F, Abate V, Calabrese M, Falchetti A.

The effects of vegetarian diets on bone health: A literature review." Front Endocrinol (Lausanne). 2022 Aug 5;13:899375. doi: 10.3389/fendo.2022.899375. Falchetti A, **Cavati G**, Valenti R, Mingiano C, Cosso R, Gennari L, Chiodini I, Merlotti D.

"Pulmonary Artery Systolic Pressure and Cava Vein Status in Acute Heart Failure with Preserved Ejection Fraction: Clinical and Prognostic Implications." Diagnostics (Basel). 2023 Feb 12;13(4):692. doi: 10.3390/diagnostics13040692.

Ruocco G, Pirrotta F, Mingiano C, **Cavati G**, Tavera C, Palazzuoli A.

"Drug treatment strategies for paget's disease: relieving pain and preventing progression". Expert Opin Pharmacother. 2023 Apr;24(6):715-727. doi: 10.1080/14656566.2023.2196011. Epub 2023 Mar 28.

Merlotti D, Rendina D, **Cavati G**, Abate V, Falchetti A, Mingiano C, Nuti R, Gennari L.

"Role of Advanced Glycation End-Products and Oxidative Stress in Type-2-Diabetes-Induced Bone Fragility and Implications on Fracture Risk Stratification". Antioxidants (Basel). 2023 Apr 14;12(4):928. doi: 10.3390/antiox12040928. **Cavati G**, Pirrotta F, Merlotti D, Ceccarelli E, Calabrese M, Gennari L, Mingiano C.

"Vitamin D Deficiency in COVID-19 Patients and Role of Calcifediol Supplementation." Nutrients. 2023 Jul 30;15(15):3392. doi: 10.3390/nu15153392.

Mingiano C, Picchioni T, **Cavati G**, Pirrotta F, Calabrese M, Nuti R, Gonnelli S, Fortini A, Frediani B, Gennari L, Merlotti D

"Vitamin D Deficiency and Cardiovascular Mortality: Retrospective Analysis "Siena Osteoporosis" Cohort". Nutrients. 2023 Jul 25;15(15):3303. doi: 10.3390/nu15153303.

Pirrotta F, **Cavati G**, Mingiano C, Merlotti D, Nuti R, Gennari L, Palazzuoli A.

"Dietary Vitamin D Intake in Italian Subjects: Validation of a Frequency Food Questionnaire (FFQ)". Nutrients. 2023 Jun 29;15(13):2969. doi: 10.3390/nu15132969.

Nuti R, Gennari L, **Cavati G**, Pirrotta F, Gonnelli S, Caffarelli C, Tei L, Merlotti D.

"Maxillofacial Bone Involvement in Fibro-Osseous Lesions: Emphasizing the Significance of Differential Diagnosis". J Clin Med. 2024 May 30;13(11):3233. doi: 10.3390/jcm13113233.

Gennaro P, Gennari L, Latini L, **Cavati G**, Vannucchi M, Giovannetti F, Cascino F.

"Analysis of Usual Consumption of Vitamin D Among Aduly Individuals in Italy". Nutrients. 2024 Dec 4;16(23):4194. doi: 10.3390/nu16234194. PMID: 39683587. PMCID: PMC11644698.

Nuti R, Gennari L, **Cavati G**, Caffarelli C, Frediani B, Gonnelli S, Catalano A, Francucci CM, Laurentaci C, Letizia Mauro G, Malavolta N, Mazzantini M, Minisola G, Russo R, Sabatino P, Pinto M, Salomone S, Tei L, Vescini F, Xourafa A, Cartocci A, Lo Conte S, Merlotti D. 2025:

"Bone Disease Associated with Inactivating Aromatase Mutations and its Management". CTI 2025, 116(1), 14

Cavati G, Merlotti D, Cardamone P, Dipasquale G, Gennari L

● CONGRESSES ABSTRACT AND ORAL COMMUNICATION

Congresses Abstract and Oral Communication

- **Special Abstract Winner, SIC 82°Congresso2021: Gaetano Ruocco, Filippo Pirrotta, Andrea Stefanini, Maria Barilli, Guido Cavati, Alberto Palazzuoli, 563 "Different right ventricle maladaptation in patients with HFREF and HFpEF: diagnostic and prognostic implications"**, European Heart Journal Supplements, Volume 23, Issue Supplement_G, December 2021, sub139.036, <https://doi.org/10.1093/eurheartj/ suab139036>. (ESC in Barcelona August 2022)
- **"Calcemic alterations in patient with rib and vertebral fractures" - ORAL COMMUNICATION** at Regional SIOMMMS Congress in Grosseto (June 2022)
- **"Hypovitaminosis D, Secondary Hyperparathyroidism and incident fractures: a 10 years prospective analysis" Guido Cavati, Christian Mingiano, Filippo Pirrotta, Marco Calabrese, Ranuccio Nuti, Stefano Gonnelli, Luigi Gennari, Daniela Merlotti** – Abstract presented as poster at National SIOMMMS Congress in Bari (October 2022). **WINNER POSTER PRESENTATION; ORAL PRESENTATION** at FBMR-EOP Congress in Catania (October 2022)
- **"Validation of a Clinical Algorithm For Fracture Risk Stratification in Type 2 Diabetes" - ORAL POSTER PRESENTATION** at ECTS Congress in Liverpool (April 2023)
- **"PFN1 and ZNF687 gene analysis in patients with severe Paget's disease and/or neoplastic degeneration" - ORAL PRESENTATION** at International Symposium on Paget's disease in Manchester (April 2023)
- "Validazione di un algoritmo clinico per la stratificazione del rischio di frattura nel Diabete meliloto tipo 2" - ORAL COMMUNICATION at XIX GISMO Congress in Rome (October 2023)
- **"Genetics of Paget's Disease of Bone: From genotype to phenotype" Guido Cavati** (SELECTED PROJECT FOR SIOMMMS-IFMRS FELLOW DAY 2023, Young Investigator Projects – **ORAL COMMUNICATION** – XXIII National SIOMMMS Congress In Taormina – October 2023)
- **"Screening delle mutazioni di PFN1 e ZNF697 in pazienti con malattia di Paget severa e/o degenerazione neoplastica" Guido Cavati, Christian Mingiano, Luigia Cinque, Daniela Merlotti, Domenico Rendina, Filippo Pirrotta, Veronica Abate, Anita Vergatti, Barbara Lucani, Vito Guarnieri, Luigi Gennari. (WINNER ORAL COMMUNICATION** – Abstract presented at XXIII National SIOMMMS Congress in Taormina – October 2023)
- OSTEOFOCUS Congress – **Speaker** in Session **"Teriparatide nella pratica clinica"** (February 2024 - Milan)

- Ipofosfatemie iperfosfaturiche e approccio diagnostico terapeutico: dalle evidenze scientifiche alla pratica clinica – (May 2024 – Florence)
- 3° AME Update sul Metabolismo Calcio-Fosforo – (May 2024 – Udine)
- SIMI Sezione Toscana Umbria Congress – **Speaker** in GIS Session **“Fragilità ossea nel diabete tipo 2”** – (June 2024 – Perugia)
- 23° National AME Congress – **Speaker** in Hands-on 9 Session **“Patologia osteo-metabolica: fra casi classici ed insoliti”** (November 2024 – Roma)
- 20° National GISMO Congress – **Speaker** in oral communication session **“Effetti di ipovitaminosi D ed iperparatiroidismo nell’outcome clinico dei pazienti con stroke e ruolo della supplementazione con calcifediolo”** – (November 2024 – Bologna)
- 24° National SIOMMMS Congress – **Speaker** in SIOMMMS-IFMRS Fellow Day Session **“Skeletal Health Assessment in Pregnant and Lactating Women”** – (December 2024 – Padova)

● **AUTHORIZATION**

Authorization

Autorizzo il trattamento dei miei dati personali ai sensi del Dlgs 196 del 30 giugno 2003 e dell’art. 13 GDPR