

**CURRICULUM VITAE**  
**DR. ANNA MARIA FORMENTI**

Position Title Consultant in Endocrinology and Metabolism; Assegnista di ricerca  
Institution and Location University of Vita e Salute San Raffaele, Milan, Italy

**Anna Maria Formenti** **Born in Seriate (BG) 18/05/1985**

June 2010	Medical Degree
January 2016	Stage in Clinical Endocrinology at the Division of Endocrinology, University of Santiago de Compostela (Spain)
April 2016	Secretary Brescia Medical Surgical Society
June 2016	Stage in thyroid ultrasound at Clinica Medica 2 University Rome Sapienza
July 2016	Specialist in Endocrinology and Metabolic Diseases
August 2016	Consultant in Endocrinology, Outpatient Clinic, Spedali Civili of Brescia
September 2016	Research grant for the study of Pituitary-Thyroid axis and Hypoparathyroidism on Bone health, University of Brescia
September 2016	<b>Stage in Bone and Metabolic Diseases at the Division of Endocrinology, Columbia University, New York</b>
September 2016	<b>Grant recipient, Endocrine Fellows Foundation Fellows Forum in Bone and Metabolic Diseases Atlanta</b>
October 2016	<b>INVITED Speaker National Congress of the Italian osteoporosis Society (SIOMMMS)</b>
November 2016	<b>Member Shire Advisory Panel on Hypoparathyroidism</b>
December 2016	<b>Invited Speaker on Rare bone Diseases European Congress of Endocrinology Lisbon</b>

January 2017	<b>Coordinator Group of Young Investigators (YES) of the Italian osteoporosis Society (SIOMMMS)</b>
February 2017	<b>Accepted Oral Communication on Thyroid and Bone European Congress of Endocrinology Lisbon</b>
March 2017	<b>Poster presenter on Ehlers Danlos disease and Bone Endocrine Society Meeting Atlanta</b>
April 2017	<b>Scientific Secretariat Skeletal Endocrinology Meeting Mantova (Italy)</b>
May 2017	<b>Invited Speaker ECE Lisbona</b>
May 2017	<b>Presenter Oral communication ECE Lisbona</b>
May 2017	<b>Moderator, Guided Poster Session ECE Lisbona</b>
June 2017	<b>Invited Speaker, National Congress SIE (Societa' Italiana di Endocrinologia) Rome</b>
June 2017	Presenter Oral Communication National SIE Congress Rome
July 2017	Coordinator CUEM Young Edition
July 2017	Member Scientific Secretariat CUEM
October 2017	<b>Winner Poster Prize Annual Meeting SIOMMMS</b>
February 2018	EYES (European Young Endocrinologists) Ambassador
May 2018	Winner travel grant GH-IGF_I Congress (Seattle, US)
December 2018	Professore a contratto Corso di Laurea Internazionale in Medicina e Chirurgia (IMD Program), Università Vita e Salute San Raffaele-Integrated Course Endocrine and Metabolic Diseases
December 2018	<b>Winner Travel grant ICE Capetown</b>
December 2018	<b>Oral Presentation, ICE Capetown</b>
February 2019	Lecturer in Endocrinology, Faculty of Medicine, University Vita e Salute of San Raffaele, Milan
March 2019	Consultant in Endocrinology, Outpatient Clinic, IRCCS San Raffaele Hospital, Milan

March 2019	GIOSEG Fellowship
May 2019	Assegnista di ricerca in Endocrinology, University Vita e Salute San Raffaele
May 2019	<b>Responsabile Ambulatorio delle Ecografie Tiroidee e Paratiroidee, U.O. Endocrinologia, IRCCS San Raffaele</b>
September 2019	Professore a Contratto in Endocrinology Corso di Laurea in Odontoiatria, University Vita e Salute San Raffaele
October 2019	<b>Lecture on “Pituitary Diseases and Bone”-Pituitary Masterclass</b>
October 2019	<b>Meet the Expert on “Thyroid Diseases and Bone”- National Annual Congress SIOMMMS, Bologna</b>
November 2019	<b>Titolare di insegnamento “Fisiopatologia e clinica delle malattie paratiroidee” e “Osteopatie rare”- Master di II livello in “Osteoporosi e Malattie del Metabolismo Osseo”, University Vita e Salute San Raffaele</b>
November 2019	<b>Associate Editor per la rivista Minerva Endocrinologica- Area Expertise Metabolismo osseo e patologie paratiroidee</b>
October 2020	Segretaria dell’associazione Idea-Associazione vitaminD
January 2021	Deputy nel gruppo PARAT di ESE per ipoparatiroidismo

Dr. Anna Maria Formenti – 2012 – 2021

## Publications

### 2012

1. Morbid obesity in women is associated to a lower prevalence of thyroid nodules. Cappelli C, Pirola I, Mittempergher F, De Martino E, Casella C, Agosti B, Nascimbeni R, **Formenti A**, Rosei EA, Castellano M. *Obes Surg.* 2012 Mar;22(3):460-4.

2. Thyreotropin levels in diabetic patients on metformin treatment. Cappelli C, Rotondi M, Pirola I, Agosti B, **Formenti A**, Zarra E, Valentini U, Leporati P, Chiovato L, Castellano M. *Eur J Endocrinol.* 2012 Aug;167(2):261-5 [Citations 46](#)

3. Real-time elastography: a useful tool for predicting malignancy in thyroid nodules with nondiagnostic cytologic findings. Cappelli C, Pirola I, Gandossi E, Agosti B, Cimino E, Casella C, **Formenti A**, Castellano M. *J Ultrasound Med.* 2012 Nov;31(11):1777-82.

### 2013

4. Oral liquid L-thyroxine (L-t4) may be better absorbed compared to L-T4 tablets following bariatric surgery. Pirola I, **Formenti AM**, Gandossi E, Mittempergher F, Casella C, Agosti B, Cappelli C. *Obes Surg.* 2013 Sep;23(9):1493-6 [Citations 31](#)

5. Oral liquid levothyroxine treatment at breakfast: a mistake? Cappelli C, Pirola I, Gandossi E, **Formenti A**, Castellano M. *Eur J Endocrinol.* 2013 Nov 22;170(1):95-9 [Citations 21](#)

### 2014

6. Ultrasound findings of subacute thyroiditis: a single institution retrospective review. Cappelli C, Pirola I, Gandossi E, **Formenti AM**, Agosti B, Castellano M. *Acta Radiol.* 2014 May;55(4):429-33.

7. Metformin-induced thyrotropin suppression is not associated with cardiac effects. Cappelli C, Rotondi M, Pirola I, Agosti B, **Formenti AM**, De Cata P, Salvetti M, Chiovato L, Castellano M. *Hormones (Athens).* 2014 Apr-Jun;13(2):252-8. [Citations 9](#)

8. Comparison between liquid and tablet levothyroxine formulations in patients treated through enteral feeding tube.

Pirola I, Daffini L, Gandossi E, Lombardi D, **Formenti A**, Castellano M, Cappelli C.  
J Endocrinol Invest. 2014 Jun;37(6):583-7 [Citations 10](#)

## 2015

9. Elastography Evaluation of Benign Thyroid Nodules in Patients Affected by Hashimoto's Thyroiditis.

Cappelli C, Pirola I, Gandossi E, **Formenti A**, Agosti B, Castellano M.  
Int J Endocrinol. 2015;2015:367054

10. Liquid levothyroxine and its potential use.

**Formenti AM**, Daffini L, Pirola I, Gandossi E, Cristiano A, Cappelli C.  
Hormones (Athens). 2015 Apr-Jun;14(2):183-9 [Citations 3](#)

## 2016

11. A Double-Blind Placebo-Controlled Trial of Liquid Thyroxine Ingested at Breakfast: Results of the TICO Study.

Cappelli C, Pirola I, Daffini L, **Formenti A**, Iacobello C, Cristiano A, Gandossi E, Agabiti Rosei E, Castellano M.  
Thyroid. 2016 Feb;26(2):197-202. [Citations 12](#)

12. Treatment of hypothyroidism: all that glitters is gold?

**Formenti AM**, Mazziotti G, Giubbini R, Giustina A.  
Endocrine. 2016 Jun;52(3):411-3. [Citations 8](#)

13. Skeletal Fragility in Endogenous Hypercortisolism.

Mazziotti G, Delgado A, Maffezzoni F, **Formenti A**, Giustina A.  
Front Horm Res. 2016;46:66-73. [Citations 2](#)

14. Current and future medical treatments for patients with acromegaly.

Maffezzoni F, **Formenti AM**, Mazziotti G, Frara S, Giustina A.  
Expert Opin Pharmacother. 2016 Jun 28:1-12. [Citations 6](#)

15. Glucocorticoid-induced osteoporosis: pathophysiological role of GH/IGF-I and PTH/VITAMIN D axes, treatment options and guidelines.

Mazziotti G, **Formenti AM**, Adler RA, Bilezikian JP, Grossman A, Sbardella E, Minisola S, Giustina A.  
Endocrine. 2016 Dec;54(3):603-611. [Citations 5](#)

16. Growth hormone receptor isoforms and fracture risk in adult-onset growth hormone-deficient patients.

Mormando M, Chiloiro S, Bianchi A, Giampietro A, Angelini F, Tartaglione L, Nasto L, Milardi D, **Formenti AM**, Giustina A, De Marinis L.  
Clin Endocrinol (Oxf). 2016 Nov;85(5):717-724.

**2017**

17. HIGH-DOSE AND HIGH-FREQUENCY LANREOTIDE AUTOGEL IN ACROMEGALY: A RANDOMIZED, MULTICENTER STUDY.

Giustina A, Mazziotti G, Cannavò S, Castello R, Arnaldi G, Bugari G, Cozzi R, Ferone D, **Formenti AM**, Gatti E, Grottoli S, Maffei P, Maffezzoni F, Montini M, Terzolo M, Ghigo E. J Clin Endocrinol Metab. 2017 Apr 17. doi: 10.1210/jc.2017-00142.

18. Diabetes in Cushing Disease.

Mazziotti G, **Formenti AM**, Frara S, Maffezzoni F, Doga M, Giustina A. Curr Diab Rep. 2017 May;17(5):32. doi: 10.1007/s11892-017-0860-9. Review

19. Morphometric vertebral fractures in breast cancer patients treated with adjuvant aromatase inhibitor therapy: A cross-sectional study.

Pedersini R, Monteverdi S, Mazziotti G, Amoroso V, Roca E, Maffezzoni F, Vassalli L, Rodella F, **Formenti AM**, Frara S, Maroldi R, Berruti A, Simoncini E, Giustina A. Bone. 2017 Apr;97:147-152.

20. Growth hormone deficiency in treated acromegaly and active Cushing's syndrome.

**Formenti AM**, Maffezzoni F, Doga M, Mazziotti G, Giustina A. Best Pract Res Clin Endocrinol Metab. 2017 Feb;31(1):79-90

21. HIGH PREVALENCE OF RADIOLOGICAL VERTEBRAL FRACTURES IN WOMEN ON TSH SUPPRESSIVE THERAPY FOR THYROID CARCINOMA. Mazziotti G, **Formenti AM**, Frara S, Olivetti R, Banfi G, Memo M, Maroldi R, Giubbini R, Giustina A. J Clin

Endocrinol Metab. 2017 Nov 7. doi: 10.1210/jc.2017-01986.

22. Acromegaly and bone. Maffezzoni F, **Formenti AM**. Minerva Endocrinol. 2017 Sep 7.

doi: 10.23736/S0391-1977.17.02733-X.

23. MANAGEMENT OF ENDOCRINE DISEASE: Risk of overtreatment in patients with adrenal insufficiency: current and emerging aspects.

Mazziotti G, **Formenti AM**, Frara S, Roca E, Mortini P, Berruti A, Giustina A. Eur J Endocrinol. 2017 Nov;177(5):R231-R248. doi: 10.1530/EJE-17-0154. Epub 2017 Jun 5. Review.

## 2018

24. Real-life management and outcome of thyroid carcinoma-related bone metastases: results from a nationwide multicenter experience.

Mazziotti G, **Formenti AM**, Panarotto MB, Arvat E, Chiti A, Cuocolo A, Dottorini ME, Durante C, Agate L, Filetti S, Felicetti F, Filice A, Pace L, Pellegrino T, Rodari M, Salvatori M, Tranfaglia C, Versari A, Viola D, Frara S, Berruti A, Giustina A, Giubbini R.

Endocrine. 2018 Jan;59(1):90-101. doi: 10.1007/s12020-017-1455-6. Epub 2017 Nov 6.

25. Prevalence of morphometric vertebral fractures in "difficult" patients with acromegaly with different biochemical outcomes after multimodal treatment.

Chiloiro S, Mormando M, Bianchi A, Giampietro A, Milardi D, Bima C, Grande G, **Formenti AM**, Mazziotti G, Pontecorvi A, Giustina A, De Marinis L.

Endocrine. 2018 Feb;59(2):449-453. doi: 10.1007/s12020-017-1391-5. Epub 2017 Aug 23.

26. High Prevalence of Radiological Vertebral Fractures in Patients With TSH-Secreting Pituitary Adenoma.

Frara S, Losa M, Doga M, **Formenti AM**, Mortini P, Mazziotti G, Giustina A.

J Endocr Soc. 2018 Jul 27;2(9):1089-1099. doi: 10.1210/js.2018-00091. eCollection 2018 Sep 1.

27. Possible delayed diagnosis and treatment of metastatic differentiated thyroid cancer by adopting the 2015 ATA guidelines.

Albano D, Bertagna F, Bonacina M, Durmo R, Cerudelli E, Gazzilli M, Panarotto MB, **Formenti AM**, Mazziotti G, Giustina A, Giubbini R.

Eur J Endocrinol. 2018 Sep;179(3):143-151. doi: 10.1530/EJE-18-0253. Epub 2018 Jun 13

28. Skeletal fragility: an emerging complication of Ehlers-Danlos syndrome.

**Formenti AM**, Doga M, Frara S, Ritelli M, Colombi M, Banfi G, Giustina A.

Endocrine. 2018 Dec 15. doi: 10.1007/s12020-018-1822-y. [Epub ahead of print]

29. Treatment of hypoparathyroidism.

Tecilazich F, **Formenti AM**, Frara S, Giubbini R, Giustina A.

Best Pract Res Clin Endocrinol Metab. 2018 Dec 6. pii: S1521-690X(18)30132-5. doi: 10.1016/j.beem.2018.12.002. [Epub ahead of print] Review

## 2019

30. Higher Risk of Fragility Fractures in Prostate Cancer Patients Treated with Combined Radium-223 and Abiraterone: Prednisone May Be the Culprit.

Dalla Volta A, **Formenti AM**, Berruti A.

Eur Urol. 2019 Jun;75(6):894-895. doi: 10.1016/j.eururo.2019.01.026. Epub 2019 Jan 31.

31. Expanding the Clinical and Mutational Spectrum of Recessive AEBP1-Related Classical-Like Ehlers-Danlos Syndrome.

Ritelli M, Cinquina V, Venturini M, Pezzaioli L, **Formenti AM**, Chiarelli N, Colombi M.

Genes (Basel). 2019 Feb 12;10(2). pii: E135. doi: 10.3390/genes10020135

32. Risk of vertebral fractures in hypoparathyroidism.

**Formenti AM**, Tecilazich F, Giubbini R, Giustina A *Rev Endocr Metab Disord*. 2019 Sep;20(3):295-302

33- Body mass index predicts resistance to active vitamin D in patients with hypoparathyroidism.

**Formenti AM**, Tecilazich F, Frara S, Giubbini R, De Luca H, Giustina A *Endocrine*. 2019 Dec;66(3):699-700. doi: 10.1007/s12020-019-02105-6. Epub 2019 Oct 26.

34. Association of Fat Body Mass With Vertebral Fractures in Postmenopausal Women With Early Breast Cancer Undergoing Adjuvant Aromatase Inhibitor Therapy.

Pedersini R, Amoroso V, Maffezzoni F, Gallo F, Turla A, Monteverdi S, Ardine M, Ravanelli M, Vassalli L, Rodella F, **Formenti AM**, Dalla Volta A, Simoncini EL, Giustina A, Maroldi R, Berruti A. *JAMA Netw Open*. 2019 Sep 4;2(9):e1911080. doi: 10.1001/jamanetworkopen.2019.11080.

## 2020

35. Giustina A, Adler RA, Binkley N, Bollerslev J, R Bouillon, P R Ebeling, D Feldman, **A M Formenti**, M Lazaretti-Castro, C Marcocci, R Rizzoli, C T Sempos, J P Bilezikian<sup>15</sup> Consensus statement from 2<sup>nd</sup> International Conference on Controversies in Vitamin D. *Rev Endocr Metab Disord*. 2020;21(1):89–116. doi:10.1007/s11154-019-09532-w

36. Hypocalcemia is highly prevalent and predicts hospitalization in patients with COVID-19. Luigi Di Filippo, **Anna Maria Formenti**, Patrizia Rovere-Querini, Michele Carlucci, Caterina Conte, Fabio Ciceri, Alberto Zangrillo, Andrea Giustina. *Endocrine*. 2020 Jun 12 : 1–4.

37. Pituitary Tumors Centers of Excellence.

Frara S, Rodriguez-Carnero G, **Formenti AM**, Martinez-Olmos MA, Giustina A, Casanueva FF.

*Endocrinol Metab Clin North Am*. 2020 Sep;49(3):553-564. doi: 10.1016/j.ecl.2020.05.010. Epub 2020 Jul 15.

38. Role of vitamin D in diabetic retinopathy: Pathophysiological and clinical aspects. Tecilazich F, **Formenti AM**, Giustina A.

*Rev Endocr Metab Disord*. 2020 Oct 7:1-13. doi: 10.1007/s11154-020-09575-4. Online ahead of print.



39. MECHANISMS IN ENDOCRINOLOGY: Vitamin D and COVID-19.

Bilezikian JP, Bikle D, Hewison M, Lazaretti-Castro M, **Formenti AM**, Gupta A, Madhavan MV, Nair N, Babalyan V, Hutchings N, Napoli N, Accili D, Binkley N, Landry DW, Giustina A.

Eur J Endocrinol. 2020 Nov;183(5):R133-R147. doi: 10.1530/EJE-20-0665

40. Controversies in Vitamin D: A Statement From the Third International Conference.

Giustina A, Bouillon R, Binkley N, Sempos C, Adler RA, Bollerslev J, Dawson-Hughes B, Ebeling PR, Feldman D, Heijboer A, Jones G, Kovacs CS, Lazaretti-Castro M, Lips P, Marcocci C, Minisola S, Napoli N, Rizzoli R, Scragg R, White JH, **Formenti AM**, Bilezikian JP.

JBMR Plus. 2020 Nov 10;4(12):e10417. doi: 10.1002/jbm4.10417. eCollection 2020 Dec

41. Are women with osteoporosis treated with denosumab at risk of severe COVID-19?

**Formenti AM**, Pedone E, di Filippo L, Olivieri FM, Giustina A.

Endocrine. 2020 Nov;70(2):203-205. doi: 10.1007/s12020-020-02500-4. Epub 2020 Sep 20.

42. Autofluorescence and Indocyanine Green in Thyroid Surgery: A Systematic Review and Meta-Analysis.

Barbieri D, Indelicato P, Vinciguerra A, Di Marco F, **Formenti AM**, Trimarchi M, Bussi M.

Laryngoscope. 2020 Nov 28. doi: 10.1002/lary.29297. Online ahead of print.

43. Multidisciplinary management of acromegaly: A consensus.

Giustina A, Barkhoudarian G, Beckers A, Ben-Shlomo A, Biermasz N, Biller B, Boguszewski C, Bolanowski M, Bollerslev J, Bonert V, Bronstein MD, Buchfelder M, Casanueva F, Chanson P, Clemmons D, Fleseriu M, **Formenti AM**, Freda P, Gadelha M, Geer E, Gurnell M, Heaney AP, Ho KKY, Ioachimescu AG, Lamberts S, Laws E, Losa M, Maffei P, Mamelak A, Mercado M, Molitch M, Mortini P, Pereira AM, Petersenn S, Post K, Puig-Domingo M, Salvatori R, Samson SL, Shimon I, Strasburger C, Swearingen B, Trainer P, Vance ML, Wass J, Wierman ME, Yuen KCJ, Zatelli MC, Melmed S.

Rev Endocr Metab Disord. 2020 Dec;21(4):667-678. doi: 10.1007/s11154-020-09588-z. Epub 2020 Sep 10

44. The optimal numerosity of the referral population of pituitary tumors centers of excellence (PTCOE): A surgical perspective.

Mortini P, Nocera G, Roncelli F, Losa M, **Formenti AM**, Giustina A.

Rev Endocr Metab Disord. 2020 Dec;21(4):527-536. doi: 10.1007/s11154-020-09564-7

45. Hypocalcemia: the quest for the cause of a major biochemical feature of COVID-19.

di Filippo L, **Formenti AM**, Giustina A.

Endocrine. 2020 Dec;70(3):463-464. doi: 10.1007/s12020-020-02525-9. Epub 2020 Oct 22.

46. The Interaction of Lean Body Mass With Fat Body Mass Is Associated With Vertebral Fracture Prevalence in Women With Early Breast Cancer Undergoing Aromatase Inhibitor Therapy.

Monteverdi S, Pedersini R, Gallo F, Maffezzoni F, Dalla Volta A, Di Mauro P, Turla A, Vassalli L, Ardine M, **Formenti AM**, Simoncini EL, Giustina A, Maroldi R, Amoroso V, Berruti A.

JBMR Plus. 2020 Dec 21;5(2):e10440. doi: 10.1002/jbm4.10440. eCollection 2021 Feb.

## 2021

47. Radiological Thoracic Vertebral Fractures are Highly Prevalent in COVID-19 and Predict Disease Outcomes.

di Filippo L, **Formenti AM**, Doga M, Pedone E, Rovere-Querini P, Giustina A.

J Clin Endocrinol Metab. 2021 Jan 23;106(2):e602-e614. doi: 10.1210/clinem/dgaa738.

48. Patients hospitalized with COVID-19 have low levels of 25-hydroxyvitamin D.

Hutchings N, Babalyan V, Baghdasaryan S, Qefoyan M, Sargsyants N, Aghajanova E, Martirosyan A, Harutyunyan R, Lesnyak O, **Formenti AM**, Giustina A, Bilezikian JP.

Endocrine. 2021 Feb;71(2):267-269. doi: 10.1007/s12020-020-02597-7. Epub 2021 Jan 16.

49. Effects of Medical Treatment of Prostate Cancer on Bone Health.

**Formenti AM**, Dalla Volta A, di Filippo L, Berruti A, Giustina A.

Trends Endocrinol Metab. 2021 Mar;32(3):135-158. doi: 10.1016/j.tem.2020.12.004. Epub 2021 Jan 26.

Milan 02/03/2021

La sottoscritta, dott.ssa Anna Maria Formenti, fornisce autorizzazione al trattamento dati personali ai sensi DLG 196/03 1.4

La sottoscritta è a conoscenza che, ai sensi dell'art. 76 del DPR 445/2000, le dichiarazioni mendaci, la falsità negli atti e l'uso di atti falsi sono puniti ai sensi del codice penale e delle leggi speciali.

De Fuch