

EUROPEAN CURRICULUM VITAE FORMAT



PERSONAL INFORMATION

Name MASSIMO DE MARTINIS
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Nationality Italian
Date of Birth

Gender M **ORCID:** 0000-0003-4253-1312 **Codice Fiscale:**

PUBLICATIONS

Total number of publications in peer-review journals: **129**
Total Impact Factor (IF) (average IF/paper): **426, ()**
Total number of citations: (Scopus) , (Google Scholar)
H index: **33** (Scopus) **35** (Google Scholar)

FIELD OF INTEREST

Research Activity focused on: the study of the immune system remodeling and chronic inflammatory processes of immunosenescence and relative correlated pathologies; the immunopathogenetic mechanisms of osteoporosis and their clinical-therapeutical implications; allergy in the elderly; gender medicine and immune mediated physiopathological conditions; microbiota, miRNA and the Immune System.

WORK EXPERIENCE

- Dates (from - to) 04/1995 -today
- Name / address employer Università degli Studi L'Aquila
Piazza Santa Margherita n.2
67100 L'Aquila
Italy
- Type of business or sector Research/Higher Education/Medicine
- Occupation or position held 1995-2022: Researcher/Assistant Professor in Internal Medicine, Department of Life, Health and Environmental Sciences.
2022 - : Associate Professor in Applied Medical Sciences and Technologies (SC 06/N1, SSC MED/50) at the Department. of Life, Health and Environmental Sciences.
- Activities & responsibilities Internal Medicine/Allergy and Clinical Immunology Teaching, in several First, Second and Specialization Degree Courses, University of L'Aquila, Italy
Clinical Activity at Internal Medicine Unit/Allergy and Clinical Immunology Unit, "Mazzini Hospital" ASL 04 Teramo, Italy

EDUCATION AND TRAINING

- Dates (from - to) 1991
- Name organisation training University of L'Aquila , Italy
- Principal subjects Medicine
- Title of qualification awarded Degree in Medicine amd Surgery
- Dates (from - to) 1991
- Name organisation training University of L'Aquila, Italy
- Principal subjects Medicine
- Title of qualification awarded *Italian State Board of Medicine*

• Dates (from - to)	1996
• Name organisation training	University of L'Aquila, Italy
• Principal subjects	Internal Medicine
• Title of qualification awarded	Residency in Internal Medicine
Date	31/05/2021
Title of qualification awarded	<i>Italian qualification as full professor in Applied Medical Sciences and Technologies (SC 06/N1, SSC MED50)</i>

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE **ITALIAN**
OTHER LANGUAGES **ENGLISH**

SCIENTIFIC SKILLS
AND COMPETENCES

RELEVANT ROLES AND COMPETENCES
Coordination and administration of people, projects and budgets.

President of the Nursing Degree Course, Teramo pole, University of L'Aquila Italy
Coordinator for residents of the Allergology and Clinical Immunology Specialization School, University of L'Aquila (2007-2019).
Consultant, Deputy Director of the Allergology and Immunology Unit , "Mazzini" Hospital, ASL04 Teramo, Italy.

ASSOCIATE EDITOR: *Frontiers in Medicine/Rheumatology:*

EDITORIAL BOARD MEMBER:

- *Medicina* (ISSN electronic 1010-660X)
- *International Journal of Environmental Research and Public Health* (ISSN 1660-4601; CODEN: IJERGQ; ISSN 1661-7827 for printed edition)
- *International Journal of Molecular Sciences* (ISSN 1422-0067; CODEN: IJMCFK; ISSN 1661-6596 for printed edition).

Reviewer for:

International Journal of Andrology, Immunology and Cell Biology, Immunity and Aging, Allergology International,
Journal of Pathology: Clinical Research, International Journal of Rheumatology, Central European Journal of Immunology, Current Medical Research and Opinion, Dermatologic Therapy, International Journal of Molecular Medicine, Frontiers in Medicine, Health and Quality of Life Outcome, Molecular Therapy: Methods and Clinical Development, International Journal of Endocrinology, Journal of Clinical Medicine, Journal of International Medical Research, Mediators of Inflammation, Medical Science Monitor, Theranostic, Aging, Indian Journal of Cancer, International Journal of Environmental Research and Public Health.

RELEVANT PUBLICATIONS

1. L. Ginaldi, A. De Pasquale, C. Napolitano, L. Vallarola, M. De Martinis, G. Lalli, D. Quaglino. Variazione dei livelli di linfocitosi indotta da esercizio fisico in due casi di proliferazione di "large granular lymphocytes" Haematologica 1993; 78 Suppl. 1: 157-158
2. L. Ginaldi, A. De Pasquale, M. De Martinis, G. Calvisi, G. Coletti, A. Ventura, D. Quaglino Epididymal lymphoma. A case report. Tumori 1993; 79:147-149
3. S. Bompadre, L. Ferrante, L. Leone, M. De Martinis, L. Ginaldi, D. Quaglino. Determination of cefodizime in human plasma by high performance chromatography with column-switching. J. Liq. Chromatogr. 1995; 18 (14): 2895-2909.
4. Recchia F, Rabitti G, Ginaldi L, De Martinis M, Coloni F, Quaglino D. Autologous bone marrow transplantation for uterine sarcoma. Case report and review of the literature. Eur J Cancer 32 (3), 553, 1996.
5. Ginaldi L, Farahat N, Matutes E, De Martinis M, Morilla R, Catovsky D. Differential expression of T cell antigens in normal peripheral blood lymphocytes: a quantitative

- analysis by flow cytometry. *J Clin Pathol* 49, 539, 1996.
6. Ginaldi L, Matutes E, Farahat N, De Martinis M, Morilla R, Catovsky D. Differential expression of CD3 and CD7 in T-cell malignancies: a quantitative study by flow cytometry. *Br J Haematol* 93, 921, 1996.
 7. Quaglino D, Ginaldi L, Furia N, De Martinis M. The effect of age on haemopoiesis. *Aging Clin Exp Res* 8, 1, 1996.
 8. D'Ostilio A, Ginaldi L, Marini L, Di Gennaro A, De Martinis M, Quaglino D. Applicazioni cliniche della citofluorimetria in oncematologia. *Recenti Prog in Med* 88 (4),157, 1997.
 9. Ginaldi L, De Martinis M, D'Ostilio A, Di Gennaro A, Marini L, Profeta V, Quaglino D. Activated naive and memory CD4+ and CD8+ subsets in different stages of HIV infection. *Pathobiology* 65, 91, 1997.
 10. Ginaldi L, De Martinis M, D'Ostilio A, Di Gennaro A, Marini L, Quaglino D. Altered lymphocyte antigen expressions in HIV infection. *Am J Clin Pathol* 108, 585, 1997.
 11. Ginaldi L, De Martinis M, Matutes E, Farahat N, Morilla R, Dyer MJS, Catovsky D. Levels of expression of CD52 in normal and leukemic B and T cells: correlation with in vivo therapeutic responses to Campath-1H. *Leuk Res* 22,185,1998.
 12. Ginaldi L, De Martinis M, Matutes E, Farahat N, Morilla R, Catovsky D. Levels of expression of CD19 and CD20 in chronic B cell leukaemias. *J Clin Pathol* 51,364,1998.
 13. Ginaldi L, De Martinis M, D'Ostilio A, Marini L, Quaglino D. Changes in antigen expressions on B lymphocytes during HIV infection. *Pathobiology* 66,17,1998.
 14. Ginaldi L, De Martinis M, D'Ostilio A, Loreto MF, Quaglino D. The immunophenotypic analysis of chronic lymphoid leukaemias. *Cancer J* 11, 284, 1998.
 15. S. Bompadre, L. Ferrante, M. De Martinis, L. Leone. Determination of meropenem in serum by high-performance liquid chromatography with column switching. *Journal Chromatogr. A* 812, 249,1998.
 16. D. Quaglino, G. Di Leonardo, E. Pasqualoni, A. De Pasquale, M. De Martinis. Caratteristiche biologiche e cliniche delle proliferazioni di linfociti granulari. Revisione della letteratura ed esperienze personali. *Recenti Prog. in Med.* 90, 462, 1999.
 17. Ginaldi L, De Martinis M, D'Ostilio A, Marini L, Loreto MF, Quaglino D. The immune system in the elderly. I. Specific humoral immunity. *Immunol Res* 1999; 20/2:101-108.
 18. Ginaldi L, De Martinis M, D'Ostilio A, Marini L, Loreto MF, Quaglino D. The immune system in the elderly. II. Specific cellular immunity. *Immunol Res* 1999; 20/2:109-115.
 19. Ginaldi L, De Martinis M, D'Ostilio A, Marini L, Loreto MF, Quaglino D. The immune system in the elderly. III. Innate immunity. *Immunol Res* 1999; 20:2:117-126.
 20. Ginaldi L, De Martinis M, D'Ostilio A, Marini L, Loreto MF, Quaglino D. Cell proliferation and apoptosis in the immune system in the elderly. *Immunol Res* 2000; 21/1:31-38.
 21. Ginaldi L, De Martinis M, D'Ostilio A, Marini L, Loreto MF, Quaglino D. Immunological changes in the elderly. *Aging Clin Exp Res* 1999; 11:281-286.
 22. M. De Martinis, M. Modesti, MF Loreto, D. Quaglino, L. Ginaldi. Adhesion molecules on peripheral blood lymphocyte subpopulations in the elderly. *Life Sciences* 2000; 68:139-51
 23. Ginaldi L, De Martinis M, Modesti M, D'Ostilio A, Marini L, Loreto F, Quaglino D. Immunophenotypical changes of T lymphocytes in the elderly. *Gerontology* 2000;46:242-8.
 24. Loreto MF, De Martinis M, Modesti M, Corsi MP, Di Leonardo G, Quaglino D. Alterazioni della coagulazione nei pazienti neoplastici. *Recenti Progressi in Medicina* 2000; 91(10):532-537
 25. Di Leonardo G, Stati M, Ginaldi L, De Martinis M, Quaglino D. I Linfomi extranodali: studio clinico-epidemiologico. *Recenti Progressi in Medicina* 2000; 91(10): 500-506
 26. Ginaldi L, De Martinis M, Modesti M, Loreto MF, Quaglino D. CD50 and CD62L expression on lymphocyte subset in the elderly. *Pathobiology* 2000;68:245-250.
 27. Loreto MF, De Martinis M, Ginaldi L, Corsi MP, Quaglino D. Coagulation and cancer: implications for diagnosis and management. *Pathol Oncol Res* . 2000;6(4):301-12.
 28. Ginaldi L, De Martinis M, D'Ostilio A, Marini L, Loreto F, Modesti M, Quaglino D. Changes in the expression of surface receptors on lymphocyte subsets in the elderly: a quantitative flow cytometric analysis. *Am J Hematol* 2001 Jun;67(2):63-72
 29. L Ginaldi, MF Loreto, MP Corsi, M Modesti, M De Martinis. Immunosenescence and Infectious diseases. *Microbes and Infection* 2001; 3: 851-7
 30. M De Martinis, M Modesti, L Ginaldi. Phenotypic and functional changes of circulating monocytes and polymorphonuclear leucocytes from elderly persons. *Immunol Cell Biol.* 2004 Aug;82(4):415-20.
 31. Ginaldi L, De Martinis M, Monti D, Franceschi C. The immune system in the elderly: activation-induced and damage-induced apoptosis. *Immunol Res.* 2004;30(1):81-94.
 32. Ginaldi L, De Martinis M, Monti D, Franceschi C. Chronic antigenic load and apoptosis in immunosenescence. *Trends Immunol.* 2005 Feb;26(2):79-84.
 33. De Martinis M, Franceschi C, Monti D, Ginaldi L. Inflamm-ageing and lifelong antigenic load

- as major determinants of ageing rate and longevity. *FEBS Lett.* 2005;579:2035
34. Ginaldi L, Di Benedetto MC, De Martinis M. Osteoporosis, inflammation and ageing. *Immun Ageing* 2005 Nov. 4;2(1):14 .
 35. Alberti S, Cevenini E, Ostan R, Capri M, Salvioli S, Bucci L, De Vescovi V, Ginaldi L, De Martinis M, Franceschi C, Monti D. Age-dependent modifications of type 1 and type 2 cytokines within virgin and memory CD4+ T cells in humans. *Mech Ageing Dev* 2006 Jun;127(6):560-6.
 36. Ostan R, Alberti S, Bucci L, Salvioli S, Pasi S, Cevenini E, Capri M, Di Iorio A, Ginaldi L, De Martinis M, Franceschi C, Monti D. Effect of zinc ions on apoptosis in PBMCs from healthy aged subjects. *Biogerontology.* 2006 Oct-Dec;7(5-6):437-47.
 37. De Martinis M, Franceschi C, Monti D, Ginaldi L. Inflammation markers predicting frailty and mortality in the elderly. *Exp Mol Pathol.* 2006 Jun;80(3):219-27.
 38. De Martinis M, Di Benedetto MC, Mengoli LP, Ginaldi L. Senile osteoporosis: is it an immune-mediated disease? *Inflamm Res.* 2006 Oct;55(10):399-404.
 39. Lia Ginaldi, Lucia Paola Mengoli and Massimo De Martinis. Review on immunosenescence. *Reviews in Clinical Gerontology* 2007; 17: 161-169
 40. M. De Martinis, Lucia P. Mengoli, Lia Ginaldi. Osteoporosis – an immune mediated disease? *Drug Discovery Today: Therapeutic Strategies* 2007; 4 (1): 3-9.
 41. De Martinis M, Franceschi C, Monti D, Ginaldi L. Apoptosis remodeling in immunosenescence: implications for strategies to delay ageing. *Curr Med Chem.* 2007;14(13):1389-97.
 42. Campisi G, Chiappelli M, De Martinis M, Franco V, Ginaldi L, Guiglia R, Licastro F, Lio D. Pathophysiology of age-related diseases. *Immun Ageing.* 2009 Sep 8;6:12.
 43. S.Anticoli,M.Arciello,A.Mancinetti, M.De Martinis, L.Ginaldi,L.Luliano,C.Balsano. 7-ketocholesterol and 5,6-secoesterol modulate differently the stress-activated mitogen-activated protein kinase (MAPKs) in liver cells. *J. Cell Physiol.* 2010 Mar;222(3):586-95.
 44. Ciccarelli F, De Martinis M, Ginaldi L. An Update on autoinflammatory diseases. *Curr Med Chem.* 2014;21(3):261-9.
 45. Ciccarelli F, De Martinis M, Ginaldi L. Glucocorticoids In Patients With Rheumatic Diseases: Friends Or Enemies of Bone? *Curr Med Chem.* 2015;22(5):596-603.
 46. Ginaldi L, De Martinis M, Ciccarelli F, Saitta S, Imbesi S, Mannucci C, Gangemi S. Increased levels of interleukin 31 (IL-31) in osteoporosis. *BMC Immunol.* 2015 Oct 8;16:60.
 47. De Martinis M., Ciccarelli F., Sirufo M.M., Ginaldi L. An Overview of Environmental Risk Factors in Systemic Sclerosis. *Exp Rev Clin Immunol.* 2016 Apr;12(4):465-78.
 48. Ciccarelli F, De Martinis M, Sirufo MM, Ginaldi L. Psoriasis Induced by Anti-Tumor Necrosis Factor Alpha Agents: A Comprehensive Review of the Literature. *Acta Dermatovenerol Croat* 2016;24(3):169-174
 49. Ginaldi L, De Martinis M. Osteoimmunology and beyond. *Curr Med Chem.* 2016;23(33):3754-3774
 50. De Martinis M, Sirufo MM, Ginaldi L. Allergy and aging: an old/new emerging health issue. *Aging Dis.* 2017 Apr 1; 8 (2):162-175.
 51. Massimini M, Palmieri C, De Maria R, Romanucci M, Malatesta D, De Martinis M, Maniscalco L, Ciccarelli A, Ginaldi L, Buracco P, Bongiovanni L, Salda LD. 17-AAG and Apoptosis, Autophagy and Mitophagy in Canine Osteosarcoma Cell Lines. *Vet Pathol.* 2017 May;54(3):405-412.
 52. De Martinis M, Sirufo MM, Ginaldi L. Raynaud's phenomenon and nailfold capillaroscopic findings in anorexia nervosa. *Curr Med Res Opin.* 2018; 34(3):547-550. doi: 10.1080/03007995.2017.1417828.
 53. Sirufo M.M., De Martinis M., Ginaldi L. Omalizumab an effective and safe alternative therapy in severe refractory atopic dermatitis. A case report. *Medicine* 2018; 97(24): e10897
 54. De Martinis M, Sirufo MM, Ginaldi L.A “Stadium” Urticaria, Cold Urticaria Is Still a Mostly Unknown Disease, with a Wide Spectrum of Severity Degrees and Few Therapeutic Certainties: Is Omalizumab One of These? Reflections from a Clinical Case Report. *Iran Red Cresc Med J* 2019; 21 (1); e84250
 55. Sirufo MM, Ginaldi L, De Martinis M. Dilated Virchow-Robin spaces on MRI: differential diagnosis ranging from benign to pathological entities. *Neurol India* 2019; 67: 278-9.
 56. Ginaldi L, De Martinis M, Saitta S, Sirufo MM, Mannucci C, Casciaro M, Ciccarelli F, Gangemi S. Interleukin-33 serum levels in postmenopausal women with osteoporosis. *Sci Rep.* 2019; doi: 10.1038/s41598-019-40212-6
 57. Sirufo MM, Ginaldi L, De Martinis M. Raynaud's phenomenon and the nailfold capillaroscopic findings in a guitar player. *QJM: An International Journal of Medicine* 2019 Jul 1;112(7):531-533. doi: 10.1093/qjmed/hcz095.

58. De Martinis M, Sirufo MM, Ginaldi L. Solar urticaria, a disease with many dark sides: is omalizumab the right therapeutic response? Reflections from a clinical case report. *Open Med (Wars)*. 2019 Jun 7; 14: 403-406. doi: 10.1515/med-2019-0042.
59. Sirufo MM, Ginaldi L, De Martinis M. Nailfold capillaroscopic findings in a semi-professional volleyball player. *Clin Hemorheol Microcirc* 2019 2019 Jul 12. doi: 10.3233/CH-190667
60. Sirufo MM, Ginaldi L, De Martinis M. Asthma, urticaria and omalizumab in children: reflections from a clinical case report. *Front Pediatr* 2019; 7:213. doi: 10.3389/fped.2019.00213
61. De Martinis M, Sirufo MM, Ginaldi L. Osteoporosis: current and emerging therapies targeted to immunological checkpoints. *Curr Med Chem* 2019 Jul 30. doi: 10.2174/0929867326666190730113123.
62. De Martinis M, Sirufo MM, Ginaldi L. Food allergy and ageing. *Int J Mol Sci*. 2019 Nov 8;20(22). pii: E5580. doi: 10.3390/ijms20225580
63. Sirufo MM, Ginaldi L, De Martinis M. Nailfold capillaroscopic findings in an orthopedic surgeon: reversible abnormalities after the cessation of radiation exposure. *Radiation Res*. 2020 Mar; 193(3):236-240. doi: 10.1667/RR15435.1.
64. De Martinis M, Sirufo MM, Ginaldi L. Food allergy insights: a changing landscape *Arch. Immunol. Ther. Exp.* 2020, 68, 8. <https://doi.org/10.1007/s00005-020-00574-6>.
65. Irelli A, Sirufo MM, Scipioni T, De Pietro F, Pancotti A, Ginaldi L, De Martinis M. Breast cancer patients receiving denosumab during adjuvant aromatase inhibitors treatment: who are the “inadequate responders” patients to denosumab? *J Buon* 2020; 25(2): 648-54.
66. Irelli A, Sirufo MM, Scipioni T, De Pietro F, Pancotti A, Ginaldi L, De Martinis M. mTOR links tumor immunity and bone metabolism: what clinical implications ? *Int J Mol Sci* 2019 Nov 21;20(23). pii: E5841. doi: 10.3390/ijms20235841
67. Sirufo MM, Suppa M, Ginaldi, De Martinis M. Does Allergy break bones? Osteoporosis and its connection to allergy. *Int J Mol Sci* 2020; 21(3). pii: E712. doi: 10.3390/ijms21030712.
68. De Martinis M, Sirufo MM, Suppa M, Di Silvestre D, Ginaldi L. Sex and gender aspects for patients stratification in allergy prevention and treatment *Int J Mol Sci* 2020, Feb 24;21(4). pii: E1535. doi: 10.3390/ijms21041535.
69. De Martinis M, Sirufo MM, Suppa M, Ginaldi L. IL-33/IL-31 axis in osteoporosis. *Int J Mol Sci* 2020 , 21(4), 1239, doi: 10.3390/ijms21041239.
70. De Martinis M, Sirufo MM, Suppa M, Ginaldi L. New perspectives in food allergy. *Int J Mol sci* 2020, Feb 21;21(4). pii: E1474. doi: 10.3390/ijms21041474.
71. Irelli A, Sirufo MM, Morelli L, D'Ugo C, Ginaldi L, De Martinis M. Neuroendocrine Cancer of the Breast: A Rare Entity. *J Clin Med* 2020; 13;9(5):E1452. doi: 10.3390/jcm9051452.
72. De Martinis M, Ginaldi L, Sirufo MM, Pioggia G, Calapai G, Gangemi S, Mannucci C. Alarmins in osteoporosis, RAGE and IL-33 pathways: A Literature Review. *Medicina* 2020, 56(3), 138; <https://doi.org/10.3390/medicina56030138>.
73. Sirufo MM, Bassino EM, De Pietro F, Ginaldi L., De Martinis M. Microvascular damage in a young female archer assessed by nailfold videocapillaroscopy: a case report. *Int J Env Res Pub Health* 2020; 17(12), 4218; <https://doi.org/10.3390/ijerph17124218>.
74. De Martinis M, Sirufo MM, Nocelli C, Fontanella L., Ginaldi L. Hyperhomocysteinemia is associated with Inflammation, Bone Resorption, B12 and folate Deficiency and MTHFR C677T Polymorphism in Postmenopausal Women with Decreased Bone Mineral Density. *Int J Env Res Pub Health* 2020;17(12):4260. doi: 10.3390/ijerph17124260.
75. Sirufo MM, Ginaldi L, De Martinis M. Predicting cardiovascular involvement in systemic sclerosis for timely and better treatment approach. *Eur J Prev Cardiol* 2020; 2047487320932256. doi: 10.1177/2047487320932256.
76. Sirufo MM, Bassino EM, De Pietro F, Ginaldi L., De Martinis M. Osteoporosis in skin diseases. *Int J Mol Sci*. 2020;21(13):E4749. doi:10.3390/ijms21134749
77. Irelli A, Sirufo MM, D'Ugo C, Ginaldi L, De Martinis M. Sex and Gender Influences on Cancer Immunotherapy Response. *Biomedicines*. 2020;8(7):E232. doi:10.3390/biomedicines8070232
78. Viscido A, Capannolo A, Petroni R, Stefanelli G, Zerboni G, De Martinis M, Necozone S, Penco M, Frieri G, Latella G, Romano S. Association between Corrected QT Interval and C-Reactive Protein in Patients with Inflammatory Bowel Diseases. *Medicina (Kaunas)*. 2020;56(8):E382. doi:10.3390/medicina56080382
79. Irelli A, Sirufo MM, D'Ugo C, Ginaldi L, De Martinis M. Real-life use of denosumab 120 mg every 12 weeks in prolonged treatment over 2 years of patients with breast cancer bone metastases. *J Buon* 2020; 25(4): 1799-1804.
80. Sirufo MM, Ginaldi L, Irelli A, De Martinis M. Effectiveness of restoring vitamin B12 levels in the resolution of a case of erythema nodosum. *Dermatologica Sinica* 2020; 38(4): 244–245.

81. Sirufo MM, Ginaldi L, De Martinis M. Bone health risks associated with finasteride and dutasteride long-term use. *World J Mens Health.* 2020; 38: e63. doi: 10.5534/wjmh.200138.
82. Irelli A, Sirufo MM, Scipioni T, Pietro F, Pancotti A, Ginaldi L, De Martinis M. Denosumab in breast cancer patients receiving aromatase inhibitors: A single-center observational study of effectiveness in adjuvant setting. *Indian J Cancer.* 2021 Jan-Mar;58(1):136-139. doi: 10.4103/ijc.IJC_16_20.
83. De Martinis M, Sirufo MM, Polsinelli M, Placidi G, Di Silvestre D, Ginaldi L. Gender differences in osteoporosis: a single-center observational study. *World J Mens Health.* 2020;38:e62. doi:10.5534/wjmh.200099.
84. De Martinis M, Ginaldi L, Allegra A, Sirufo MM, Pioggia G, Tonacci A, Gangemi S. The Osteoporosis/Microbiota linkage: the role of miRNA. *Int J Mol Sci.* 2020; 21(23): E8887. doi: 10.3390/ijms21238887.
85. De Martinis M, Ginaldi L, Sirufo MM, Bassino EM, De Pietro F, Pioggia G, Gangemi S. IL-33/Vitamin D Crosstalk in Psoriasis-Associated Osteoporosis. *Front Immunol.* 2021 Jan 8;11:604055. doi: 10.3389/fimmu.2020.604055.
86. Sirufo MM, Bassino EM, De Pietro F, Ginaldi L, De Martinis M. Nailfold capillaroscopy: clinical practice in non-rheumatic conditions. *Microvasc Res.* 2020; 111:104122. doi: 10.1016/j.mvr.2020.104122.
87. Sirufo MM, Ginaldi L, De Martinis M. MicroRNAs, bone and microbiota. *Bone.* 2020; 144:115824. doi: 10.1016/j.bone.2020.115824
88. Sirufo MM, Ginaldi L, De Martinis M. Bone health in men: still suffer the gender gap. *Osteoporos Int.* 2021 Mar 2. doi: 10.1007/s00198-021-05843-4.
89. Irelli A, Sirufo MM, Quaglione GR, De Pietro F, Bassino EM, D'Ugo C, Ginaldi L, De Martinis M. Invasive Ductal Breast Cancer with Osteoclast-Like Giant Cells: A Case Report Based on the Gene Expression Profile for Changes in Management. *J Pers Med.* 2021 Feb 23;11(2):156. doi: 10.3390/jpm11020156.
90. Sirufo MM, Ginaldi L, De Martinis M. The IL-33/ST2 axis and vitamin D as a possible emerging therapeutic target in osteoarthritis. *Rheumatology (Oxford).* 2021 Mar 22;keab292. doi: 10.1093/rheumatology/keab292.
91. Sirufo MM, De Pietro F, Bassino EM, Ginaldi L, De Martinis M. Translational Allergy and Omalizumab: The Pioneer. *Indian Journal of Pharmaceutical Education and Research* 2021; 55(1): s259–s264.
92. Sirufo MM, Ginaldi L, De Martinis M. Microbiota-miRNA interactions: opportunities in ankylosing spondylitis. *Autoimmun Rev.* 2021 Jul 15;20(10):102905. doi: 10.1016/j.autrev.2021.102905.
93. Sirufo MM, Ginaldi L, De Martinis M. Peripheral Vascular Abnormalities in Anorexia Nervosa: A Psycho-Neuro-Immune-Metabolic Connection. *Int J Mol Sci.* 2021 May 10;22(9):5043. doi: 10.3390/ijms22095043.
94. Innao V, Allegra A, Ginaldi L, Pioggia G, De Martinis M, Musolino C, Gangemi S. Reviewing the Significance of Vitamin D Substitution in Monoclonal Gammopathies. *Int J Mol Sci.* 2021 May 6;22(9):4922. doi: 10.3390/ijms22094922.
95. Sirufo M, Ginaldi L, De Martinis M. Non-coding RNAs, osteoarthritis and the microbiome: new therapeutic targets? *Arthritis Rheumatol.* 2021 May 13. doi: 10.1002/art.41795.
96. De Martinis M, Allegra A, Sirufo MM, Tonacci A, Pioggia G, Raggiunti M, Ginaldi L, Gangemi S. Vitamin D Deficiency, Osteoporosis and Effect on Autoimmune Diseases and Hematopoiesis: A Review. *Int J Mol Sci.* 2021 Aug 17;22(16):8855. doi: 10.3390/ijms22168855.
97. Sirufo MM, Ginaldi L, De Martinis M. Gut microbiota-microRNA interactions in osteoarthritis. *Gene.* 2021 Nov 30;803:145887. doi: 10.1016/j.gene.2021.145887.
98. Irelli A, Sirufo MM, Scipioni T, Aielli F, Martella F, Ginaldi L, Pancotti A, Martinis M. The VES-13 and G-8 tools as predictors of toxicity associated with aromatase inhibitors in the adjuvant treatment of breast cancer in elderly patients: A single-center study. *Indian J Cancer.* 2021 Jun 25. doi: 10.4103/0019-509X.319470.
99. Sirufo MM, De Pietro F, Bassino EM, Ginaldi L, De Martinis M. Cerebellar ischemic stroke in celiac disease: a rare neurological manifestation revealing the disease: a case report. *Neurology Asia* 2021, 26(3), pp. 591–594.
100. Sirufo, M.M.; Raggiunti, M.; Magnanimi, L.M.; Ginaldi, L.; De Martinis, M. Henoch-Schönlein Purpura Following the First Dose of COVID-19 Viral Vector Vaccine: A Case Report. *Vaccines* 2021, 9, 1078. <https://doi.org/10.3390/vaccines9101078>.
101. Sirufo MM, Catalogna A, Raggiunti M, De Pietro F, Galeoto G, Bassino EM, Ginaldi L, De Martinis M. Capillaroscopic Evidence of Microvascular Damage in Volleyball Players. *Int J Environ Res Public Health.* 2021 Oct 10;18(20):10601. doi: 10.3390/ijerph182010601.

102. Sirufo MM, Catalogna A, De Pietro F, Ginaldi L, De Martinis M. Raynaud's phenomenon in a drummer player: Microvascular disorder and nailfold video capillaroscopic findings. *EXCLI J*. 2021 Oct 28; 20:1526-1531. doi: 10.17179/excli2021-4208.
103. Srivastava RK, Schmidt-Bleek K, Chattopadhyay N, De Martinis M, Mishra PK. Editorial: Recent Advances in Basic and Translational Osteoimmunology. *Front Immunol*. 2021 Nov 18; 12:800508. doi: 10.3389/fimmu.2021.800508.
104. Sirufo MM, Magnanimiti LM, Ginaldi L, De Martinis M. Letter to the Editor: Anorexia nervosa, immunity and autoimmunity. *Autoimmun Rev*. 2022 Jan 8;21(4):103040. doi: 10.1016/j.autrev.2022.103040.
105. Sirufo MM, De Pietro F, Catalogna A, Ginaldi L, De Martinis M. The Microbiota-Bone-Allergy Interplay. *Int J Environ Res Public Health*. 2021 Dec 28;19(1):282. doi: 10.3390/ijerph19010282.
106. Sirufo MM, Bassino EM, De Pietro F, Ginaldi L, De Martinis M. Sex differences in the efficacy of omalizumab in the treatment of chronic spontaneous urticaria. *Int J Immunopathol Pharmacol*. 2021 Jan-Dec; 35:20587384211065870. doi: 10.1177/20587384211065870.
107. Sirufo MM, Magnanimiti LM, Ginaldi L, De Martinis M. Primary Raynaud's Phenomenon, very early and early scleroderma: tips for a timely diagnosis. *Eur J Int Med* 2022; doi.org/10.1016/j.ejim.2022.01.036
108. Sirufo MM, Catalogna A, Raggiunti M, De Pietro F, Ginaldi L, De Martinis M. Cholinergic Urticaria, an Effective and Safe "Off Label" Use of Dupilumab: A Case Report with Literature Review. *Clin Cosmet Investig Dermatol*. 2022 Feb 18; 15:253-260. doi: 10.2147/CCID.S343462.
109. Sirufo MM, De Pietro F, Ginaldi L, De Martinis M. Sex, Allergic Diseases and Omalizumab. *Biomedicines*. 2022 Jan 29;10(2):328. doi: 10.3390/biomedicines10020328.
110. Sirufo MM, Magnanimiti LM, Ginaldi L, De Martinis M. The shadow zone of capillaroscopy in the classification of the Raynaud's phenomenon. *Curr Med Res Opin*. 2022 Feb 28:1-6. doi: 10.1080/03007995.2022.2047538.
111. Sirufo MM, Magnanimiti LM, Ginaldi L, De Martinis M. Recognizing Microcirculatory Disorders in musicians to preserve a good state of health and the best artistic performance. *Med Probl Perform Art*. 2022 Mar;37(1):71. doi: 10.21091/mppa.2022.1010.
112. Sirufo MM, Magnanimiti LM, Ginaldi L, De Martinis M. The true story of the "strong and gentle" Acciano's Giant. *Growth Horm IGF Res*. 2022 Mar 18; 63: 101457. doi: 10.1016/j.ghir.2022.101457.
113. Sirufo MM, Magnanimiti LM, Ginaldi L, De Martinis M. How to ensure better healthcare experiences for transgender people. *Fam Pract*. 2022 May 11: cmac043. doi: 10.1093/fampra/cmac043.
114. Sirufo MM, Magnanimiti LM, Ginaldi L, De Martinis M. The Guillain-Barré syndrome, the IL-33/ST2 axis and Vitamin D. *Eur J Neurol*. 2022 May 5. doi: 10.1111/ene.15379.
115. Sirufo MM, Magnanimiti LM, Ginaldi L, De Martinis M. Surgery for transgender and gender diverse people: The lack of education for health professionals. *Am Surg*. 2022 May 18:31348221101477. doi: 10.1177/00031348221101477.
116. Sirufo MM, Magnanimiti LM, Ginaldi L, De Martinis M. Barriers to inclusive healthcare for transgender people. *Eur J Radiol*. 2022 May 19; 153:110367. doi: 10.1016/j.ejrad.2022.110367.
117. Sirufo MM, Magnanimiti LM, Ginaldi L, De Martinis M. A call for all healthcare professionals to prioritize sex and gender minorities health through innovations in education, research and practice. *Nurs Outlook*. 2022 Jul 4: S0029-6554(22)00092-6. doi: 10.1016/j.outlook.2022.05.007.
118. Sirufo MM, Magnanimiti LM, Ginaldi L, De Martinis M. Strategies to optimise health in transgender individuals. *Emerg Med Australas*. 2022 May 31. doi: 10.1111/1742-6723.14026.
119. Sirufo MM, Magnanimiti LM, Ginaldi L, De Martinis M. A sex and gender specific approach to achieve diagnostic excellence for older patients. *Arch Arch Gerontol Geriatr*. 2022 Jun 16. doi: 10.1016/j.archger.2022.104755.
120. Sirufo MM, Magnanimiti LM, Ginaldi L, De Martinis M. Diabetes, eating disorders, autoimmunity and the COVID-19 pandemic. *Acta Diabetol*. 2022 Jun 24. doi: 10.1007/s00592-022-01912-0.
121. Sirufo MM, Magnanimiti LM, Ginaldi L, De Martinis M. Strategies to reduce health care disparities for sexual and gender minorities. *Curr Probl Cancer*. 2022 Jun 20:100881. doi: 10.1016/j.crrprobcancer.2022.100881.
122. Sirufo MM, Magnanimiti LM, Ginaldi L, De Martinis M. Eating disorders, COVID-19 and autoimmunity. *Pediatr Ann*. 2022 Aug;51(8):e299. doi: 10.3928/19382359-20220706-01.
123. Sirufo MM, Magnanimiti LM, Ginaldi L, De Martinis M. Sex and gender approach for precision rheumatology. *Clin Rheumatol*. 2022 Aug 11. doi: 10.1007/s10067-022-06284-y.

124. Sirufo MM, Magnanimiti LM, Ginaldi L, De Martinis M. Early monitoring of bone health in transgender individuals. *Bone*. 2022 Jul 14; 163:116486. doi: 10.1016/j.bone.2022.116486.
125. Sirufo MM, Magnanimiti LM, Ginaldi L, De Martinis M. COPD and the IL-33/ST2 axis targeted therapy: A role for vitamin D? *Cytokine*. 2022 Aug 8;158:155995. doi: 10.1016/j.cyto.2022.155995.
126. Sirufo MM, Magnanimiti LM, Ginaldi L, De Martinis M. Frailty prevention and management in LGBTQI+ people. *Maturitas* 2022 in press
127. Sirufo MM, Magnanimiti LM, Ginaldi L, De Martinis M. Gender-affirming medical treatment and the barriers to care among transgender people. *J Adol Health* 2022 in press
128. Sirufo MM, Magnanimiti LM, Ginaldi L, De Martinis M. Chronic Obstructive Pulmonary Disease in the LGBTQI+ Population. *Ann Am Thorac Soc*. 2022 Sep 14. doi: 10.1513/AnnalsATS.202207-653LE.
129. Sirufo MM, Magnanimiti LM, Ginaldi L, De Martinis M. Anorexia nervosa and autoimmune comorbidities: A bidirectional route? *CNS Neurosci Ther*. 2022 Sep 16. doi: 10.1111/cns.13953.

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