

Short Curriculum Vitae

PERSONAL DATA

Name	MARCELLO FERRUCCIO BAGNASCO
Professional Address	UNIVERSITÀ DEGLI STUDI DI GENOVA, DIPARTIMENTO DI MEDICINA INTERNA E SPECIALITÀ MEDICHE, VIALE BENEDETTO XV, 6 – 16132 GENOVA (ITALY)
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E-mail	bagnasco@unige.it ; marcello.bagnasco@gmail.com ;

Nationality	Italian
Date & Place of birth	GENOVA, ITALY, 26/09/1949
Tax ID Code	BGNMCL49P26D969N

EDUCATION & TRAINING

- | | |
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| • Degree | 1968
High School Diploma (Liceo Andrea D'Oria – Genova, Italy) |
| • Degree | 1974
Medical Doctor (cum laude, Genoa University, Italy) |
| • Degree | 1977
Specialization, Nuclear Medicine (cum laude, Pisa & Genoa Universities, Italy) |
| • Degree | 1980
Specialization, Endocrinology (cum laude, Genoa University, Italy) |
| • Degree | 1984
Specialization, Clinical Immunology & Allergy (Florence University, Italy) |

POSITIONS HELD

Università degli Studi di Genova- Facoltà di Medicina e Chirurgia
(since 2012: Scuola di Scienze Mediche e Farmaceutiche) – Department of Internal

Medicine & Medical Specialties

• Date (from – to)

1/11/2018- to date (retired) Adjunct Professor
2005-10/2018 Full Professor, Internal Medicine
1985-2005 Associate Professor, Internal Medicine
1977-1985 Assistant Professor, Internal Medicine
1975-1977 Assistant Professor, Nuclear Medicine

2014-2019 Chairman, PhD Course "Clinical & Experimental Internal Medicine"
2005-2013 Chairman, PhD Course "Internal Medicine – Autoimmunity & Gastroenterology"

University Hospital "S. Martino", Genova, Italy

2012-2018 Director, Laboratory of Autoimmunity
2003-2012 Director, Radiometabolic Therapy Unit
1998-2003 Director, Clinical Immunology & Allergy Unit

Scientific Societies & Research and Public Health Institutions

2022 Member, Steering Group for Iodoprohylaxis, Italian Health Ministry
2021-2023 President, Italian Thyroid Association
2023- to date Past President, & member of Scientific Committee, Italian Thyroid Association
2008-to date Member & Delegate, Liguria Region, Osservatorio Nazionale per il monitoraggio della Iodoprofilassi (OSNAMI), Istituto Superiore di Sanità, Italy
2014-2018 Member of Steering Board, Italian Thyroid Association
2014-2018 Italian Society of Endocrinology: Delegate, Liguria Region
1997-1998 Italian Society of Endocrinology: Member, Commission for Didactics
1986-1987 Chercheur étranger (Poste Vert) Unité de Cancerologie et Thérapeutique Expérimentale, INSERM, Marseille
1986 Research Fellow, Lab. Immunopathology, Istituto Nazionale per la Ricerca sul Cancro, Genova

SCIENTIFIC ACTIVITY

Co-Author of 179 SCI-indexed publications (up to July 2025)

Main Research Topics :

ENDOCRINOLOGY: Thyroid autoimmunity, laboratory medicine in thyroidology, clinical thyroidology & hyperthyroidism therapy, iodine prophylaxis

NUCLEAR MEDICINE: Radioiodine therapy, in vivo kinetics of radiolabelled allergens

IMMUNOLOGY: Mechanisms of T-cell activation & costimulatory molecules, Allergic Inflammation, Autoantibody assays & autoimmune diseases

Selection of published articles in Thyroidology

[Fifteen Years of Iodine Prophylaxis in Italy: Results of a Nationwide Surveillance \(Period 2015-2019\).](#)

De Angelis S, Medda E, Rotondi D, Masocco M, Minardi V, Contoli B, Possenti V, Sorbo A, D'Amato M, Turco AC, Pastorelli AA, Stacchini P, Cas RD, Bagnasco M, Bonofiglio D, Gasperi M, Meringolo D, Mian C, Moleti M, Vermiglio F, Puxeddu E, Tacaliti A, Tonacchera M, Ulisse S, Dimida A, Rago T, Nazzari E, Schiavo M, Bossert I, Sturniolo G, Corbetta C, Cereda C, Cappelletti L, Camilot M, Teofoli F, Ciatti R, Tarsi E, Perrotti N, Marasco O, Scozzafava G, Righetti F, Andò S, Catalano S, Cristofaro M, Sorrenti G, Censi S, Morelli S, Baldini E, Plutino G, Copparoni R, Alonzo E, Giacomozzi C, Silano M, Olivieri A. *J Clin Endocrinol Metab*. 2024 Jan 18;109(2):e495-e507. doi: 10.1210/clinem/dgad593. PMID: 37820735

[The effect of sodium restriction on iodine prophylaxis: a review.](#)

Nista F, **Bagnasco M**, Gatto F, Albertelli M, Vera L, Boschetti M, Musso N, Ferone D. *J Endocrinol Invest*. 2022 Jun;45(6):1121-1138. doi: 10.1007/s40618-022-01749-y. Epub 2022 Jan 25. PMID: 35079975 Review.

[Iodoprophylaxis and thyroid autoimmunity: an update.](#)

Teti C, Panciroli M, Nazzari E, Pesce G, Mariotti S, Olivieri A, **Bagnasco M**. *Immunol Res*. 2021 Apr;69(2):129-138. doi: 10.1007/s12026-021-09192-6. Epub 2021 Apr 29. PMID: 33914231 Free PMC article. Review

[Obesity and Monitoring Iodine Nutritional Status in Schoolchildren: is Body Mass Index a Factor to Consider?](#)

De Angelis S, **Bagnasco M**, Moleti M, Regalbuto C, Tonacchera M, Vermiglio F, Medda E, Rotondi D, Di Cosmo C, Dimida A, Rago T, Schiavo M, Nazzari E, Bossert I, Sturniolo G, Cesaretti G, Olivieri A. *Thyroid*. 2021 May;31(5):829-840. doi: 10.1089/thy.2020.0189. Epub 2021 Jan 27. PMID: 33256547

[A multicenter study for the evaluation of the reference interval for TSH in Italy \(ELAS TSH Italian Study\).](#)

Clerico A, Trenti T, Aloe R, Dittadi R, Rizzardi S, Migliardi M, Musa R, Dipalo M, Prontera C, Masotti S, Musetti V, Tozzoli R, Padoan A, **Bagnasco M**; Italian Section of the European Ligand Assay Society (ELAS). *Clin Chem Lab Med*. 2018 Dec 19;57(2):259-267. doi: 10.1515/cclm-2018-0541. PMID: 30016276

[Reference intervals for thyrotropin in an area of Northern Italy: the Pordenone thyroid study \(TRIPP\).](#)

Tozzoli R, D'Aurizio F, Metus P, Steffan A, Mazzon C, **Bagnasco M**. *J Endocrinol Invest*. 2018 Aug;41(8):985-994. doi: 10.1007/s40618-018-0825-0. Epub 2018 Jan 16.

[Relationship between circulating anti-thyroglobulin antibodies \(TgAb\) and tumor metabolism in patients with differentiated thyroid cancer \(DTC\): prognostic implications.](#)

Morbelli S, Ferrarazzo G, Pomposelli E, Pupo F, Pesce G, Calamia I, Fiz F, Clapasson A, Bauckneht M, Minuto M, Sambuceti G, Giusti M, **Bagnasco M**. *J Endocrinol Invest*. 2017 Apr;40(4):417-424. doi: 10.1007/s40618-016-0578-6. Epub 2016 Nov 14

[Unexpected Elevated Free Thyroid Hormones in Pregnancy.](#)

Teti C, Nazzari E, Galletti MR, Mandolino MG, Pupo F, Pesce G, Lillo F, **Bagnasco M**, Benvenia S. *Thyroid*. 2016 Nov;26(11):1640-1644. doi: 10.1089/thy.2016.0112. Epub 2016 Sep 14.

[Immunoassay of thyroid peroxidase autoantibodies: diagnostic performance in automated third generation methods. A multicentre evaluation.](#)

D'Aurizio F, Tozzoli R, Villalta D, Pesce G, **Bagnasco M**. *Clin Chem Lab Med*. 2015 Feb;53(3):415-21. doi: 10.1515/cclm-2014-0545

[Clinical efficacy of radioiodine therapy in multinodular toxic goiter, applying an implemented dose calculation algorithm.](#)

Schiavo M, Bagnara MC, Camerieri L, Pomposelli E, Giusti M, Pesce G, Reitano C, Caputo M, **Bagnasco M**. *Endocrine*. 2015 Apr;48(3):902-8. doi: 10.1007/s12020-014-0398-4. Epub 2014 Aug 24.

[Radioiodine therapy of hyperfunctioning thyroid nodules: usefulness of an implemented dose calculation algorithm allowing reduction of radioiodine amount.](#)

Schiavo M, Bagnara MC, Pomposelli E, Altrinetti V, Calamia I, Camerieri L, Giusti M, Pesce G, Reitano C, **Bagnasco M**, Caputo M. *Q J Nucl Med Mol Imaging*. 2013 Sep;57(3):301-7. Epub 2013 Mar 13.

[Long-term outcome after radioiodine therapy with adjuvant rhTSH treatment: comparison between patients with non-toxic and pre-toxic large multinodular goitre.](#)
Giusti M, Caorsi V, Mortara L, Caputo M, Monti E, Schiavo M, Bagnara MC, Minuto F, **Bagnasco M**. *Endocrine*. 2014 Mar;45(2):221-9. doi: 10.1007/s12020-013-9959-1. Epub 2013 Apr 26

[Serum LAIR-2 is increased in autoimmune thyroid diseases.](#)
Simone R, Pesce G, Antola P, Merlo DF, **Bagnasco M**, Saverino D. *PLoS One*. 2013 May 14;8(5):e63282. doi: 10.1371/journal.pone.0063282. Print 2013.

[TSH receptor autoantibody immunoassay in patients with Graves' disease: improvement of diagnostic accuracy over different generations of methods. Systematic review and meta-analysis.](#)
Tozzoli R, Bagnasco M, Giavarina D, Bizzaro N. *Autoimmun Rev*. 2012 Dec;12(2):107-13. doi: 10.1016/j.autrev.2012.07.003. Epub 2012 Jul 7

[A study of the efficacy of radioiodine therapy with individualized dosimetry in Graves' disease: need to retarget the radiation committed dose to the thyroid.](#)
Schiavo M, Bagnara MC, Calamia I, Bossert I, Ceresola E, Massaro F, Giusti M, Pilot A, Pesce G, Caputo M, **Bagnasco M**. *J Endocrinol Invest*. 2011 Mar;34(3):201-5. doi: 10.1007/BF03347067. Epub 2010 Dec 15

[Prevalence of post-partum thyroiditis in Liguria \(Italy\): an observational study.](#)
Filippi U, Brizzolara R, Venuti D, Cesarone A, Maritati VA, Podestà M, Yung WF, Bottaro LC, Orselli A, Chiappori A, Schiavo M, Caputo M, **Bonassi S, Bagnasco M**. *J Endocrinol Invest*. 2008 Dec;31(12):1063-8. doi: 10.1007/BF03345653.

[Soluble CTLA-4 in autoimmune thyroid diseases: relationship with clinical status and possible role in the immune response dysregulation.](#)
Saverino D, Brizzolara R, Simone R, Chiappori A, Milintenda-Floriani F, Pesce G, **Bagnasco M**. *Clin Immunol*. 2007 May;123(2):190-8. doi: 10.1016/j.clim.2007.01.003. Epub 2007 Feb 23

[Analytical and diagnostic accuracy of "second generation" assays for thyrotrophin receptor antibodies with radioactive and chemiluminescent tracers.](#)
Villalta D, Orunesu E, Tozzoli R, Montagna P, Pesce G, Bizzaro N, **Bagnasco M**. *J Clin Pathol*. 2004 Apr;57(4):378-82. doi: 10.1136/jcp.2003.012294.

[Use of an artificial neural network to predict Graves' disease outcome within 2 years of drug withdrawal.](#)
Orunesu E, **Bagnasco M**, Salmaso C, Altrinetti V, Bernasconi D, Del Monte P, Pesce G, Marugo M, Mela GS. *Eur J Clin Invest*. 2004 Mar;34(3):210-7. doi: 10.1111/j.1365-2362.2004.01318.x.

[Costimulatory molecules and autoimmune thyroid diseases.](#)
Salmaso C, Olive D, Pesce G, **Bagnasco M**. *Autoimmunity*. 2002 May;35(3):159-67. doi: 10.1080/08916930290013441

[Retrospective analysis of the association of nodular goiter with primary and secondary hyperparathyroidism.](#)
dell'Erba L, Baldari S, Borsato N, Bruno G, Calò-Gabrieli G, Carletto M, Ciampolillo A, Dondi M, Erba P, Gerundini P, Lastoria S, Marinelli P, Santoro M, Scarano B, Zagni P, **Bagnasco M**, Mariani G. *Eur J Endocrinol*. 2001 Oct;145(4):429-34. doi: 10.1530/eje.0.1450429

[Differential regulation of Fas-mediated apoptosis in both thyrocyte and lymphocyte cellular compartments correlates with opposite phenotypic manifestations of autoimmune thyroid disease.](#)
Giordano C, Richiusa P, **Bagnasco M**, Pizzolanti G, Di Blasi F, Sbriglia MS, Mattina A, Pesce G, Montagna P, Capone F, Misiano G, Scorsone A, Pugliese A, Galluzzo A. *Thyroid*. 2001 Mar;11(3):233-44. doi: 10.1089/105072501750159615.

[Thyrocytes--not innocent bystanders in autoimmune disease.](#)
Giordano C, Richiusa P, **Bagnasco M**, Salmaso C, Pizzolanti G, Galluzzo A. *Nat Immunol*. 2001 Mar;2(3):183. doi: 10.1038/85224.

[Potential involvement of Fas and its ligand in the pathogenesis of Hashimoto's thyroiditis.](#)
Giordano C, Stassi G, De Maria R, Todaro M, Richiusa P, Papoff G, Ruberti G, **Bagnasco M**, Testi R, Galluzzo A. *Science*. 1997 Feb 14;275(5302):960-3. doi: 10.1126/science.275.5302.960

[B7.1 costimulatory molecule is expressed on thyroid follicular cells in Hashimoto's thyroiditis, but not in Graves' disease.](#)
Battifora M, Pesce G, Paolieri F, Fiorino N, Giordano C, Riccio AM, Torre G, Olive

D, **Bagnasco M.** J Clin Endocrinol Metab. 1998 Nov;83(11):4130-9. doi: 10.1210/jcem.83.11.5263
[Follicular thyroid cells of autoimmune thyroiditis may coexpress ICAM-1 \(CD54\) and its natural ligand LFA-1 \(CD11a/CD18\).](#)
 Bagnasco M, Pesce GP, Caretto A, Paolieri F, Pronzato C, Villaggio B, Giordano C, Betterle C, Canonica GW. J Allergy Clin Immunol. 1995 May;95(5 Pt 1):1036-43. doi: 10.1016/s0091-6749(95)70105-2
[Expression of CD56 \(NKH-1\) differentiation antigen in human thyroid epithelium.](#)
 Zeromski J, Bagnasco M, Paolieri F, Dworacki G. Clin Exp Immunol. 1992 Sep;89(3):474-8. doi: 10.1111/j.1365-2249.1992.tb06983.x..
[Expression of intercellular adhesion molecule-1 \(ICAM-1\) on thyroid epithelial cells in Hashimoto's thyroiditis but not in Graves' disease or papillary thyroid cancer.](#)
Bagnasco M, Caretto A, Olive D, Pedini B, Canonica GW, Betterle C. Clin Exp Immunol. 1991 Feb;83(2):309-13. doi: 10.1111/j.1365-2249.1991.tb05633.x.
[Phenotypic and functional analysis at the clonal level of infiltrating T lymphocytes in papillary carcinoma of the thyroid: prevalence of cytolytic T cells with natural killer-like or lymphokine-activated killer activity.](#)
Bagnasco M, Venuti D, Paolieri F, Torre G, Ferrini S, Canonica GW. J Clin Endocrinol Metab. 1989 Oct;69(4):832-6. doi: 10.1210/jcem-69-4-832
[How do T cells mediate autoimmune thyroiditis?](#)
 Kong YC, **Bagnasco M**, Canonica GW. Immunol Today. 1986 Nov;7(11):337-9. doi: 10.1016/0167-5699(86)90140-4
[Human T-lymphocyte subpopulations in Hashimoto's disease.](#)
 Canonica GW, **Bagnasco M**, Moretta L, Cocco R, Ferrini O, Giordano G. J Clin Endocrinol Metab. 1981 Mar;52(3):553-6. doi: 10.1210/jcem-52-3-553.

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