

## Curriculum Vitae of Prof. F. Marotta

(summary biography included in "Who's Who in the world" annals since 1988)



Family crest

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Currently : Hon Research professor at Dept of Nutrition & Food Science, Texas W.  
University  
Non-faculty Lecturer, Harvard University, Nutrigenomics & Aging, Boston  
Founder and Sci. Director of ReGenera R&D International for Aging  
Intervention (Milano-Beijing)  
International Advisory Board, Nazarbayev University & Min. of Health,  
Astana, Kazakhstan  
Sci. Director and CMO of Preventive Medical Promotion Foundation,  
Beijing, China  
External Examiner for PhDs at McGill University, Montreal, Canada  
Current ResearchGate score : higher than 97.5% of the net

**Born** in January 15, 1957 in Augusta (SR) Italy

## Education

**1981** Graduation from Medical School, Catania University, Italy with highest marks cum Laude.

**1981-1982** University of Chicago, Visiting Fellow in Hepato-Gastroenterology and Parenteral Nutrition

**1983-1986** University of Cape-Town, Groote Schuur Hospital, Clinical and Research Registrar in Gastroenterology (initial scholarship granted by the Italian Ministry of Education after a nationwide selection)

**1986** Completing the Post-Graduate School in Gastroenterology, University of Catania, Italy with highest marks cum Laude.

**1986-1988** University of Hirosaki, Japan, Dept of Surgery. Ph.D. course granted after a nationwide joint selection from the Italian Ministry of Education and the Japanese Ministry of Education and following a Japanese Language Proficiency course at Tohoku University-Sendai, Japan. At the end of the experimental studies (Superoxide anion generation and role of macrophage oxidative burst in several models of acute pancreatitis) granted a PhD as the only one obtained in the medical field in Japan by an Italian after the post-war period.

**1988-1990** National Cancer Center Hospital, Tokyo, Japan. Fellowship granted (only 1 in Italy) by the Japanese Ministry of Science & Technology. Studies on pancreatic cancer.

**1991-1998** Chief Consultant in Gastroenterology, S. Anna Hospital, Como, Italy

**2007** Full-immersion stage at Goodgene genomic lab., Seoul, S. Korea

**1998-2009** Consultant Hepato-GI Unit, S. Giuseppe Hosp., Milano, Italy

**2009-2013** Consultant Emergency Unit, S. Giuseppe Hosp, Milano, Italy

## AWARDS

**1986** First assegnee (over 2000 participants) in a national context promoted by the Ministry of Education for a post-graduate university grant.

**1989** Honour Medal from Hirosaki University Medical School, Hirosaki, Japan

**1995** Best Young Investigator, Jap. Surgical Soc. Meeting, Nagoya, Japan

**1995** 1<sup>st</sup> national Zyma Prize in Hepatology

**1996** Best Young Investigator (Pancreas), Ital GI Assoc. Meeting, Verona, Italy

**1997** Silver Medal & Honour Mention Shinshu University; Japan

**1997** Best Young Investigator, Asian-Pacific GI Congress, Yokohama, Japan

**1998** Best Oral Presentation (Pancreas), Ital GI Assoc. Meeting, Turin, Italy

**1999** Foreign Investigator Award (the only European), Digestive Disease Week-Japan, Hiroshima

**2000** Travel Grant Award, IASL-APASL, Fukuoka, Japan

**2000** Travel Grant Award - Japan Society of Hepatology, Tokyo, Japan

**2001** Travel Grant Award - Japan Society of Hepatology, Shimonoseki, Japan

**2002** Award at the 19<sup>th</sup> Kumamoto Bioscience International Symposium, Kumamoto, Japan.

**2002** Special Paper Award at 1<sup>st</sup> JSH congress, Yamanashi, Japan

- 2006 National Award Canova Foundation as a Distinguished Researcher in Clinical Intervention in Aging and Quality of Life, Cortina, Italy (co-signed by Nobel Laureate Prof. Montagnier)
- 2010 Scientific Cooperation Award from Eurespes Foundation affiliated to World Association of Genomic Medicine, La Coruna, Spain
- 2009 Genomic Pioneer Award, Ocimum Biosolution & Gene Logic in conjunction with International Human Genome Meeting, Hyderabad, India
- 2014 Thomas Edison Award-2014 in the domain of Diabetes and Health for Inspiration and Knowledge Distribution (shared with young investigators group)

### **APPOINTMENTS:**

Senior Sci. & Clinical staff of Lifestyle Medicine Dept. Chenot Palace, Azerbaijan.  
Consulting Professor, WHO-affiliated Center for Biotechnology, Traditional Medicine Post-Graduate School, Dept. of Anatomy, University of Milano, Italy.

Member of the International Partner's Advisory Board of Center for Life Sciences, Nazarbayev University, Kazakhstan.

Board certified MD in Switzerland, and recognized Gastroenterology Specialty.

Visiting Professor at major Japanese Institutions (Cancer Center-Tokyo, Nagoya University, Aichi Cancer Center, Fujita University, Matsumoto University, National Cancer Center East, Chiba, International Medical Center of Japan, Jikei University-Tokyo, Cancer Center Institute-Kanazawa, Shiga University-Otsu, Toho University, Hiroshima University, Japan Institute Control of Aging, Neurology Dept.-Jichi University etc.).

External Examiner for PhD Candidates (GI and nutrition) at McGill University, Montreal, Canada (2013).

International Judging Committee member for selection of associate professors (GI and nutrition) at the Osaka City University (2013)

Board Certified as Expert in Age-Management Medicine by Cenegenics Medical Institute, Las Vegas, USA

Editor-in-Chief of Clinical Pharmacology & Biotherapeutics, of International Journal of Probiotics & Prebiotics -A Journal of Basic and Clinical Research on Gut Microbiota for Promotion of Health, USA and of J of Genomic Medicine. Executive Editor of Metabolomics and of Gastrointestinal and Dig System.

Consultant-in-charge for Lombardia region of Chronic Pancreatitis Project Group.

Referee and Editorial Board Member of a number of european, asian and Middle-East journals, several of them of outstanding value such as British Med Journal, Biogerontology, GUT, Free Radical Research, American J Clin Nutrition, Br J Nutrition, Antioxidants & Redox Signaling, J Viral Hepatitis, Redox Report, Molecular Biology Rep., J Gastroenterol Hepatol, World J Gastrointestinal Pathophysiology, Hepatobiliary & Pancreatic Diseases International, J Carcinogenesis & Mutagenesis, Archives Med Research, Cancer Prev Res, Ann Hepatol, J Nutrigenetic & Nutrigenomics, World J Hepatol, Chemico-Biological Interactions, J Cancer Res

Therap, Cancer Epidemiol, Eur J Pharmacol, Int J Postgenomics: Drug & Biomarker Develop, J Radiation Biology, Gastroenterology Today, World Journal of Translational Medicine, Chinese J Pancreatol, Current Topics in Nutraceutical Res, J Gastroenterol & Liver Dis, J Gastrointestinal & Dig System, J Ethnopharmacol, Immunity & Ageing, Mediators of Inflamm, World J Translational Medicine, Gastroenterology Insights, J Res Pharmacy Practice, Current Signal Transduction Therapy, Clinical Pharmacology & Biopharmaceutics, Oxidants and Antioxidants in Medical Science, Genetic Engineering and Biotechnology Journal, International Journal of Diabetes: Current Research etc.. Advisor for Eastern Countries of JOP, the first electronic peer-reviewed journal of Pancreatology ([www.joplink.net](http://www.joplink.net)).

Organizing President of the 25<sup>th</sup> Annual meeting of the Italian Association of Pancreatology 2001.

International Consultant of Chinese Society of Pancreatology

Consultant in charge of the Italian counterpart of the Italy-Japan Exchange Research Project in Pancreatology (in progress)

Member of several foundation and research institutes of aging (Am. Soc. Healthy Aging, Los Angeles-Gerontology Res. Group, Japan Biomedical Gerontology, Inst. Nutrition and Health, Middle-East Academy of Age and Aging etc.)

Member of the European Federation of Biotechnology and of the International Society Study of Xenobiotics.

Board member of the Middle-East Network on Aging

Member of the Genetic Association Database of National Institute of Aging, USA

Founding Member of the Scientific Advisory Board of the World Association of Genomic Medicine (Wagem) affiliated to HuGO (Human Genome Organization)

Co-founder of the research group ReGenera dedicated to models of innovative predictive/preventive medicine

Project Reviewer for National Centre of Science and Technology Evaluation, Ministry of Education and Science, Republic of Kazakhstan, Astana (2015-2017).

Research Grant Reviewer for Willy Gepts Research Foundation of the University Hospital Brussels (UZ Brussel)

## **INVITATIONS:**

1996 Selected European Delegate (for Italy) 1<sup>o</sup> Europe-Japan Gastroenterology Congress, Tokyo, Japan

2001 Guest Speaker - Japan Complementary & Alternative Medicine meeting, Osaka, Japan. Received the Honour Medal from Osaka City University Medical school.

2002 Guest Speaker - 3<sup>rd</sup> Egyptian Hepato-Pancreato-Biliary Meeting, Hurghada

2002 Invited Guest Speaker, International Thalassemia Congress, Bangkok, Thailand

2002 Guest Chairperson, Japan Pancreas Society meeting, Sendai, Japan

2002 Guest Invited Speaker at International CAM Symposium, Kanazawa, Japan

2002 Chairperson at the 19<sup>th</sup> Kumamoto Bioscience International Symposium,

Kumamoto, Japan

- 2003 Invited Guest Speaker at VII International Congress on Integrated Bioscience, Mauritius
- 2003 Invited Guest Speaker at the Chinese Pancreatology meeting, Shanghai, China
- 2003 Invited Guest Speaker at the Egyptian Hepato-Pancreato-Biliary meeting, Luxor, Egypt
- 2003 Chairperson at Asia-Oceania Gerontology congress, Tokyo, Japan
- 2003 Invited Speaker at Herb, Spice & Natural Products Conference, Guelph and Montreal, Canada
- 2004 Invited Chairperson at IAP-JPS, July, Sendai, Japan
- 2004 Guest Invited Speaker at APASL (Asia-Pacific Ass. Study Liver)
- 2004 invitation at Saudi Arabia Gastro-Hepatology Congress
- 2004 Chairperson and Award for Selected paper at 3<sup>rd</sup> JSH Single Topic Conference "NASH in Asia-Oceania", Kochi, Japan
- 2004 Session Chairman at "[Aging and hormones](#)" meeting, University of Parma
- 2005 Invited Guest Speaker at the Egyptian Hepato-Pancreato-Biliary meeting, Aswan, Egypt.
- 2005 Speaker at the NHP (Natural Health Prod.) Research. Vancouver, Canada
- 2005 Guest speaker (as Italian delegate) at Giessen Intl. Workshop on Interaction of Exocrine and Endocrine Pancreatic Diseases, Giessen, Germany.
- 2005 Invited Speaker at Age-Management World Conference, Montecarlo, Monaco.
- 2005 Guest speaker at the Shanghai Gastroenterology week, Shanghai, China.
- 2006 Speaker at the NHP (Natural Health Product) Research-Canada. Toronto, Canada
- 2006 Speaker at World Age-Management Conference, Paris on [Epigenomic Nutrition in Age-Management Medicine](#)
- 2006 Guest Speaker at 13<sup>th</sup> International Congress of Society for Free Radical Research, Davos, Swiss.
- 2006 Invited speaker on [Xenobiotics and nutrigenomics in Health & Disease](#) at the International AntiAging Medicine, Florence, Italy
- 2006 Invited speaker at the Internat. Congress on AntiAging Medicine, Milano, Italy
- 2006 Guest speaker at Asian-Pacific Digestive Diseases Week, Manila,
- 2006 Guest speaker at International Age-Management Congress, AISET, Tokyo
- 2006 International Faculty and chairman at the IASL-AFASL, Cairo, Egypt.
- 2006 Speaker on [Nutraceuticals Strategy](#) at the European Congress of AntiAging Medicine, Wien, Austria
- 2006 Guest Speaker "[SNP and tailored nutraceuticals](#)" at Seminars in Seoul, Korea Tokyo (Hirahata Network), Bangkok and Hong Kong.
- 2007 Guest Speaker at the Russian Age-Management Congress, Moscow, Russia
- 2007 Guest Speaker on "[Nutraceuticals and Genomics in Age-Management medicine](#)" at the 1st International Age-Management meeting in Guangzhou, China
- 2007 Selected paper at the Internat. Biomed. Gerontol. Assoc., Greece

- 2007 Guest Speaker (3 lectures on: nutrigenomics, xenobiotics and applicable clinical model of Age-Management medicine) at 1st LINK-AGE / ESAAM Conference on Longevity, Ageing and Its Diseases, Dessau, Germany
- 2007 Guest Speaker at Tokyo International Age-Management congress
- 2007 Invited Speaker on [Chronic Pancreatitis and vitamin depletion](#) at Malaysian Palm Oil Board meeting, Kuala Lumpur, Malaysia
- 2007 Invited Speaker at 4<sup>th</sup> International Congress on Probiotics, Prebiotics & New Food, Rome, Italy
- 2007 Selected Oral Presentation on Red Palm Oil in Chronic Pancreatitis at the Italian Pancreatology Association meeting, Naples, Italy
- 2007 Invited Speaker on [Nutraceuticals and Genomics in Health](#) at the Spanish Antiaging Association meeting, Barcelona, Spain.
- 2008 Invited Speaker on [Nutrition and Genes](#) at Iberia Antiaging meeting, Portugal
- 2008 Speaker at Nutrigenomics congress, Paris
- 2008 Invited Speaker and chairman at New Trend in nutrigenomics, Milano
- 2008 Invited Speaker ("[Genomics and the Metabolic hypothesis of Chronic Pancreatitis](#)") and Chairman at Second Giessen International Workshop on Interactions of Exocrine and Endocrine Pancreatic Diseases, Giessen, Germany
- 2008 Guest speaker at New Trend in Nutrigenomics-Milano 2008
- 2008 Guest speaker at APDW (Asian Pacific Digestive Week), New Delhi, Sept. 2008
- 2008 Guest Speaker on [Nutraceutical and Redox Balance](#) at 1<sup>st</sup> Thalassemia International Conference, Singapore, Oct. 2008
- 2008 Guest Speaker on "[Gene & Nutrition in Health & Disease](#)" at Age-Management Medicine, November 2008, Tokyo
- 2008 Guest Speaker on "[Nutraceutical Modulation of Chronic Liver Disease](#)" and "[Hepatocarcinogenesis: mechanisms and strategy](#)" at Egyptian Forum Liver Disease, November 2008, Cairo.
- 2008 Guest Speaker and Committee Board Member for Italy on Human Nutrition in Genomic Medicine at I Meeting of the World Association of Genomic Medicine, Coruna, Spain, December 2008
- 2009 Chairman, Keynote lecture su "[Human nutrition in Genomic Medicine](#)" and Guest speaker su "[Aging and dysbiosis: Experimental basis and therapeutic perspectives](#)" a Food and Function 2009 - International Scientific Conference on Nutraceuticals and Functional Foods, Zilina, Slovakia
- 2009 Guest Speaker at Postgraduate Course "Digestive Cancer Alliance" supported by European Association of Gastroenterology, International Digestive Cancer Alliance of the 6th Shanghai International Conference of Gastroenterology, June 2009, Shanghai, China.
- 2009 Guest Speaker at the Age-Management Conference London, Sept. London, UK
- 2009 Guest Speaker at the Age-Management Conference, Sept., Warsaw, Poland
- 2009 Guest Speaker at the Germany-Italian antiaging seminar, October, Rome, Italy
- 2009 Guest Speaker at the SEMAL, Spanish Age-Management Conference, Seville,



Oct, Spain

- 2009 Guest Speaker at the Middle-East Association for Medicine of Aging, Nov Lebanon
- 2009 Guest Speaker and tutor of the Polish Age-Management Association, Warsaw, Nov, Poland
- 2009 Co-organizer of the international congress of predictive and preventive medicine in woman health [www.venerepersempre.com](http://www.venerepersempre.com), Milan, Italy.
- 2010 Guest speaker ([Xenobiotic and oxidative stress in Caucasian: is there a special case?](#)) at Age-Management medicine congress, Montecarlo
- 2010 Guest speaker and chairman ([Aging, obesity and microbiome](#)) at the Serbian Age-Management medicine congress, Belgrade.
- 2010 Guest speaker and chairman ([Nutrient & Gene expression, Gut and Systemic balance](#)) at the Portugal Age-Management medicine congress, Cascais.
- 2010 Guest Speaker of Plenary Session and co-director of pre-congress seminar of Polish Age-Management Medicine Association, Warsaw, Sept., Poland
- 2010 Guest Speaker at AMMG congress, Las Vegas, 11-14 Nov. USA
- 2011 Guest Speaker at Brazilian Age-Management Congress, Sao Paulo 2-4 June, Brazil ([Epigenetics in Health & Disease; Intestinal Health: from experimental basis to Clinical Perspectives](#))
- 2011 Guest Speaker and Chairman at 6<sup>th</sup> International congress on Probiotics, Prebiotics & Novel Food, Rome Sept. 11-13.
- 2011 Guest Speaker at X Semal, Spanish Age-Management Association Congress, Madrid, Oct 2-4.
- 2011 President and guest speaker of Food and Function 2011, Kosice 25-27 Oct., Slovakia
- 2012 Chairman and Guest Speaker at the 10<sup>th</sup> International Conference on Functional Foods in the Prevention & Management of Chronic Diseases, March 13-15, S. Barbara, USA
- 2011 Speaker on "[Food supplements in gastroenterology](#)" and Oral Presentations-judging Committee member at the National Malaysian Hepato-Gastroenterology Congress, Malaka, Malaysia.
- 2012 co-Chairman and co-Ideator of the international meeting "LonGeva" ([www.longeva.org](http://www.longeva.org)) gathering top world experts on aging, healthy aging clinical intervention and preventive medicine. Speaker on: "[Microbioma and Chronic Degenerative Diseases](#)". Milano 30Nov/1Dec.
- 2012 Professor for the International Master Program in Preventive, Age-Management and Regenerative Medicine, organized by the Dresden International University. Nice 2-3 April, 2012. Intensive 8h Course on: a) [Gut, microbiome and health](#); b) [Epigenetic modulation by nutrition](#); c) [Food/nutraceutical-Drug & hormonal interactions](#); d) [Affecting crucial metabolic pathways: Novel EB Nutraceuticals in clinical practice](#).
- 2013 Guest speaker at Age-Management Medical Group conference (Hollywood, FL

May 2013) with GI and Interventional Nutrition topic.

- 2013 Chairman and Guest speaker (GI and nutritional topics) at the Polish Age-management congress (October 4-6, Warsaw, Poland).
- 2013 Chairman and Guest speaker (GI and nutritional topics) at International Conference on Personalized Medicine and Global Health (October 16-19, Astana, Kazakhstan).
- 2014 Chairman and guest speaker at the Age-management international conference, April 3-5, Montecarlo.
- 2014 Chairman and Guest speaker at the National Egyptian Geriatric conference (March 26-28, Cairo, Egypt)
- 2014 Chairman and Guest speaker at the 15th International Conference of Functional Food Center at University of Regensburg (May 10-11, Regensburg, Germany).
- 2014 Chairman and Guest speaker at the International Workshop on Nutrigenomics, Pharmacogenomics and novel technologies in preventive medicine, May 23-24, Luxembourg.
- 2014 Chairman and guest speaker at the National Age-management conference, May 27-29, Odessa, Ukraine,
- 2014 Chairman and guest speaker at the Age-management international conference, May 30-June 1, Moscow, Russia.
- 2014 Chairman and guest speaker at the Age-management National conference, 4-6 October, Warsaw, Poland.
- 2014 Chairman and guest speaker at the conference Longevamente lecturing on "microbiota and brain function", Milano, Italy.
- 2014 Guest speaker at the Age-management international conference, 10-12 October, London, UK.
- 2014 Course of 4h on Age-management c/o Polish Academy of Age-management, October, Warsaw, Poland.
- 2014 Chairman and guest speaker at the Age-management international conference, Paris, 24-25 October, France.
- 2014 Course of 4h on Nutrition and Longevity, 14 November, Barcellona, Spain
- 2014 Chairman and guest speaker at the Functional Food Center Conference, 16-20 November, S. Diego, USA
- 2014 Member of Research forum on Stem cells in Health management, Odessa, Ukraine, November, 2014.
- 2015 Guest Speaker with a lecture on "[Gut-Brain Crosstalks: new understanding and interventional avenues](#)" at the Immune-Brain Axis: from molecules to behaviour, March 12-13, Hasselt University, Belgium.
- 2015 Guest Speaker with a lecture on [Gut-Skin Metagenomics: novel knowledge and therapeutic implications](#). March 14-15, Barcelona, Spain.
- 2015 Guest speaker at Korean Food Science & Nutrition association, August 24-26, Pyeongchan, South Korea.
- 2015 Guest speaker on [Gut microbiota manipulation and phytonutrients: a recipe for](#)



- [Brain Nutrition?](#) at Neurology Unit Villa Margherita Conference on Oxidative Stress. September 12, Vicenza, Italy.
- 2015 Guest speaker at Functional Food Center conference at Harvard University, September 15-16, Boston, USA
- 2015 Chairman and guest speaker ([Gut-Liver Detox: myths and practical avenues](#)) at the Age-management National conference, 2-4 October, Warsaw, Poland.
- 2015 Guest speaker at Functional Food Center conference at Kobe University, November 17-18, Kobe, Japan
- 2015 Guest speaker with a lecture on "Nutraceuticals, Nutrigenomics & Longevity" at the National Italian Association of Geriatrics and Gerontology, December 25-28, Naples, Italy.
- 2016 Guest Speaker and Chairman at the Annual International conference of Geriatrics and Gerontology Department, Ain Shams University; "Age Friendly Globe". Cairo, Egypt, 10-11 March 2016.
- 2016 Teaching Seminar at Department of Biomedical Engineering, Faculty of Medicine, McGill University, March 18-19, Montreal, Canada.
- 2016 Guest speaker at the World Antiaging Congress, April 11-14, Montecarlo. Chairman & speaker of the Pre-Congress Teaching Course on ImmunAging.
- 2016 Guest Adjunct professor for the International 2-Week Teaching, Sichuan University, Department of Nutrition, Sichuan July 2-16, China.
- 2016 Guest speaker and session chairman at the Eastern Chapter of International Age Management Congress, September 16-18, Moscow, Russia.
- 2016 Organizing Committee and guest speaker at Functional Food in Health and cancer, Harvard University, 22-23 Sept. Boston, USA
- 2017 Several private companies seminars on HRT, Health-Wellness protocols for medspa associated to clinical centers (London, Dubai, Moscow, Tokyo).
- 2018 April. Guest speaker at Mannatech Nutraceutical Meeting, Dallas, USA October, Osaka University, Guest speaker at Functional Food, Nurigenomics and brain Conference.

## **PUBLICATIONS:**

210 full papers (most of which as leading author, 180 in PubMed), over 450 scientific communications and lectures and few book sections dealing with experimental and clinical gastroenterology, nutraceuticals, oxidative stress, gut ecology and aging. He is

co-inventor of some patents in nutraceuticals and new stem cell medium. He is the co-editor of Sperling-Kupfer book "Il Manifesto della Lunga Vita (The Manifesto of Long Life), a successful media-hit 500-page and over 50-world authorities endorsed book on aging intervention. He is co-author of White Book on Stress, with the patronage of Milano City Hall. Another, multi-authored book edited by Royal Society of Chemistry (Cambridge) on New Antiaging Drugs- approaches to Longevity has been just released. Eight more book chapters ongoing (4 on polypohenols, Biofilm and antibacterial strategies, UTI, oral microbiota, nanotech, others in preparation). He has been the chosen author to deal with the chapter on Microbiota and Aging by the large Elsevier Encyclopedia on Biomedical Gerontology (over 200 chapters) to be released beginning in 2019.