

**CURRICULUM VITAE AND LIST OF TITLES AND  
PUBLICATIONS**

*Dr. Massimo Raffaele Mannarino*

Perugia, 27/12/2023

Dr. Massimo Raffaele Mannarino



***Dr. Massimo Raffaele Mannarino***

Born in Paola (CS), on 4 July 1979

**CURRENT POSITION**

Assistant Professor (scientific sector MED/09) since 01 September 2011 at the University of Perugia and Medical Director at the Complex Structure of Internal Medicine of the S. Maria della Misericordia Hospital, Perugia Hospital since 01/01/2012.

Attainment of the National Scientific Qualification for the functions of Associate Professor in the Recruitment Sector 06/B1 - INTERNAL MEDICINE on 13/02/2023.

**PRE-GRADUATE EDUCATION**

- High School Diploma at the Scientific High School "Galileo Galilei" in Paola (CS), in the School Year 1996-1997.

**EDUCATION**

- Winner of the Admission Competition to the Degree Course in Medicine and Surgery at the University of Perugia, Faculty of Medicine and Surgery, in the Academic Year 1997-1998.
- Master's Degree in Medicine and Surgery (Class of Specialist Degrees in Medicine and Surgery) D.M. 28/11/2000, with the academic qualification of Master's Degree, at the University of Perugia, Faculty of Medicine and Surgery, in the Academic Year 2002-2003 with mark: 110/110 laude.
- Experimental Degree Thesis in Medicine and Surgery on the topic: "Metabolic Syndrome and arterial wall stiffness". Supervisor: Prof. Graziana Lupattelli.
- Qualification to practice the profession of Physician-Surgeon in the session relating to the year 2003 (November), at the University of Perugia.

Registered in the Professional Register of Surgeons of the Province of Perugia at No. 6656.

## SPECIALIZATION

- Winner of the Competition for admission to the School of Specialization in Internal Medicine at the University of Perugia, in the Academic Year 1997-1998.
- Specialization Diploma in Internal Medicine (duration 5 years), obtained pursuant to Legislative Decree no. 257/1991 and subsequent Legislative Decree 368/1999, at the University of Perugia, in the Academic Year 2007-2008, with a grade of 50/50 laude.

## Ph.D.

- Ph.D. in "Pathology and Clinic of Arteriosclerosis" at the University of Perugia, from 2008 to 2012.

## KNOWLEDGE OF FOREIGN LANGUAGES

*Self-assessment at European level (\*)*

Comprehension		Spoken		Written
Listening	Reading	Speech Interaction	Spoken Production	

**English**

C1	C2	C1	C1	C1
B2	C1	B1	B1	B2

**French**

(\*) *Common European Framework of Reference (CEF) level*

## TEACHING ACTIVITY

- Lecturer in "Internal Medicine" - module: "Clinical and Instrumental Semeiotics" of the School of Specialization in "Internal Medicine" - Perugia; Year: V (CFU 2) from the academic year 2012-13, to the academic year 2019-20. from 01-10-2011 to today
  - Lecturer in Internal Medicine Module "Lipid Turnover Diseases" at the School of Specialization in Hematology - year IV - of the University of Perugia (1 CFU) from the academic year 2011-12, to the academic year 2019-20. from 01-10-2011 to today
  - Lecturer in "Internal Medicine" - module: "Internal Medicine" at the School of Specialization in "Internal Medicine" - Perugia; Year: I-II (CFU 9) from the academic year 2011-12, to the academic year 2019-20. from 01-10-2011 to today
  - Lecturer in "Internal Medicine" - module: "Medical Therapy" at the School of Specialization in "Internal Medicine" - Perugia; Year: IV (15 CFU) from the academic year 2011-12, to the academic year 2019-20. from 01-10-2011 to today
  - Teaching of Internal Medicine - Modules 2, 3, 5 of the Degree Course - Single Cycle CU01 - Medicine and Surgery - Perugia - channel A - Year: 5-6 - from the academic year 2011/2012, to the academic year 2019-20. from 01-10-2011 to today
  - Lecturer in "Internal Medicine" - module: "Internal Medicine" of the School of Specialization in "Hygiene and Preventive Medicine" - Perugia Year: 2-3 (CFU 1) from the academic year, to the academic year 2019-20 from 01-10-2012 to date
  - Lecturer in charge of the course of "Internal Medicine" of the Bachelor's Degree Course in Exercise and Sports Sciences - Department of Experimental Medicine - University of Perugia as adjunct professor (40 hours of theoretical lessons - 5 credits) in the academic year 2014-15, 2015-16, 2016-17, 2017-18, 2018-19, 2019-20, 2020-21. from 01-10-2014 to today
  - Lecturer in charge of the course of "Interdisciplinary Medical Sciences" module "Internal Medicine" of the Master's Degree Course LM98 - Rehabilitation Sciences of Health Professions - Department of Surgical and Biomedical Sciences - University of Perugia as adjunct professor (9 hours of theoretical lessons CFU 1) in the academic year 2016-17. from 2016-10-01 to 2017-07-01
  - Lecturer at the II level Master in Palliative Care of the University of Perugia from May 2023 to date on the topic "End-of-life management in an internal medicine department and the depotentiation of therapy in the chronic terminal patient".
- Member of the Board of Professors of the Ph.D. in "Pathology and Clinic of Arteriosclerosis" at the University of Perugia from 01-09-2011 to 31-12-2013

- Teaching activity in the PhD in "Pathology and Clinic of Arteriosclerosis" at the University of Perugia. from 01-09-2011 to 31-12-2013
- Teaching activity in the PhD in "Clinical and Molecular Medicine" of the University of Perugia. from 01-01-2014 to today
- Member of the Teaching Board of the PhD in "Clinical and Molecular Medicine" of the University of Perugia. from 01-01-2014 to today
  
- Teaching support activities in the Master's Degree Course in Sciences and Techniques of Preventive and Adaptive Motor Activities, 76S, teaching of "Preventive and compensatory motor activity": n. 12 hours, in the academic year 2008/2009 at the University of Perugia.
- Tutorial teaching activity for students of the Degree Course in Medicine and Surgery of the University of Perugia, from 2003 to date.
- Tutorial teaching activity aimed at students of the Master's Degree Course in Sciences and Techniques of Preventive and Adaptive Motor Activities (76S) of the University of Perugia, from 2006 to date.
- Instructor at the Advanced Medical Simulation Center of the University of Perugia.

#### **OTHER ACTIVITIES**

- President of the Umbria Section of the Italian Society for the Study of Arteriosclerosis from 2022 to date.
  
- Member of the Italian Society of Internal Medicine.

## **RESEARCH ACTIVITIES**

Dr. Massimo Raffaele Mannarino's scientific interest has been mainly focused on Internal Medicine, with particular reference to the study of the pathophysiology of arteriosclerosis, and its clinical and pre-clinical manifestations, to the study of dyslipidemias and traditional and emerging cardio-vascular risk factors.

His main lines of research include:

- (a) early identification and treatment of vascular and endothelial damage in arterial hypertension and dyslipidemia; in particular the study of arterial wall stiffness and the evaluation of endothelial dysfunction. The results of these studies have made it possible to clarify the relationship between arterial stiffness, endothelial dysfunction, as pre-clinical indicators of atherosclerotic vascular damage, and the main cardiovascular risk factors, such as dyslipidemia, arterial hypertension, obesity and metabolic syndrome;
- (b) the cellular pathophysiology of atherosclerosis and in particular the study of the mechanisms of endothelial cell damage and repair, with particular reference to the mechanisms of apoptotic fragmentation and formation of endothelial microparticles and those of repair by circulating progenitors of endothelial cells. The results in this line of research have highlighted the significance of endothelial microparticles as an expression of the damage endured by endothelial cells exposed to the action of cardiovascular risk factors, such as dyslipidemia and hypertension. These studies have also contributed to demonstrate the deleterious effect of the main cardiovascular risk factors on the repair mechanisms of endothelial damage, as documented by the inefficient mobilization of bone marrow endothelial progenitors and the limited survival in circulation of already mobilized progenitors.
- (c) the study of the body distribution of adipose tissue and in particular of the influence of visceral adiposity on the development of atherosclerotic vascular damage. The results of

these studies have shown that the accumulation of visceral adipose tissue, measured by an accurate and non-invasive technique, such as ultrasonography, allows to identify patients with a more unfavorable metabolic profile and with a more compromised vascular function, characterized by endothelial dysfunction and stiffening of large arteries.

- (d) the study of patients with COVID-19, with particular reference to the relationships between a wide range of biological parameters and prognosis. These studies explored the impact of the virus on indicators such as HACOR score, TSH levels, iron balance, vitamin D levels and endothelial function, seeking to identify correlations with disease severity, risk of complications such as thrombosis and dyslipidemias, to better understand risk factors and improve clinical management of COVID-19 patients.
- (e) participation as co-investigator in numerous international clinical trials and multi-centric studies (PROMISE, DIALOGUE, ETERNAL, TREND in MS, etc.).

He has published a book entitled "Hypercholesterolemia and hypertriglyceridemia: mixed or combined dyslipidemia?". Edited by: Mannarino E, Pirro M, Mannarino MR. Springer Scientific Editions 2016.

The research activity is also evidenced by the numerous scientific works, almost all published in international journals with Impact Factor, as follows:

### LIST OF PUBLICATIONS

		<b>Articles in extenso published in indexed journals</b>
1	2023	Mannarino, Massimo R, Bianconi, Vanessa, Scalisi, Giulia, Franceschini, Luca, Manni, Giorgia, Cucci, Alessia, Bagaglia, Francesco, Mencarelli, Giulia, Giglioni, Francesco, Ricciuti, Doriana, Figorilli, Filippo, Pieroni, Benedetta, Cosentini, Elena, Padiglioni, Eleonora, Colangelo, Cecilia, Fuchs, Dietmar, Puccetti, Paolo, Follenzi, Antonia, Pirro, Matteo, Gargaro, Marco, Fallarino, Francesca (2023). A tryptophan metabolite prevents depletion of circulating endothelial progenitor cells in systemic low-grade inflammation. FRONTIERS IN IMMUNOLOGY, Vol. 14, ISSN: 1664-3224, doi: 10.3389/fimmu.2023.964660  <i>Coming from the UNIPG Institutional Archive with code 11391/1548722</i>
2	2023	Lorenzo Loffredo, Pasquale Pignatelli, Matteo Pirro, Giancarlo Ceccarelli, Alessandra Oliva, Enrico Maggio, Francesca Cancelli, Damiano D'Ardes, Maria Amitrano, Anna Maria Zicari, Laura Bianca Cinicola, Gloria Taliani, Roberto Cangemi, Miriam Lichtner, Marco Falcone, Federica Orlando, Francesco Pugliese, Mario Venditti, Claudio Maria Mastroianni, Francesco Violi, Fausto D'Agostino, Felice Eugenio Agrò, Alessia Mattei, Loredana Tibullo, Maria Grazia Nunziata, Valeria Iorio, Natalia Iuliano, Sara Mangiacapra, Mariangela Raimondo, Mariangela Atteno, Claudio Ferri, Davide Grassi, Giovambattista Desideri, Stefano Abballe, Serena Dell'Isola, Monica Rocco, Daniela Alampi, Cosmo Del Borgo, Vanessa Bianconi, Massimo Raffaele Mannarino, Filippo Figorilli, Alessia Fallarino, Ilaria Maria Palumbo, Arianna Pannunzio, Arianna Magna, Chiara Bagnato, Alba Rosa Alfano (2023). Association between PaO <sub>2</sub> /FiO <sub>2</sub> ratio and thrombotic events in COVID-19 patients. INTERNAL AND EMERGENCY MEDICINE, p. 1-7, ISSN: 1970-9366, doi: 10.1007/s11739-023-03196-w  <i>Coming from the UNIPG Institutional Archive with code 11391/1539413</i>
3	2023	Bianconi, Vanessa, Mannarino, Massimo R, Cosentini, Elena, Figorilli, Filippo, Colangelo, Cecilia, Cellini, Giulia, Braca, Marco, Lombardini, Rita, Paltriccia, Rita, Sahebkar, Amirhossein, Pirro, Matteo (2023). The impact of statin therapy on hospital prognosis and endothelial function of patients at high to very high cardiovascular risk hospitalized for COVID-19. JOURNAL OF MEDICAL VIROLOGY, Vol. 95, ISSN: 1096-9071, doi: 10.1002/jmv.28678  <i>Coming from the UNIPG Institutional Archive with code 11391/1545673</i>
4	2022	Figorilli, Filippo, Mannarino, Massimo R, Bianconi, Vanessa, Pirro, Matteo (2022). Cholesterol-lowering therapy in patients at low to moderate cardiovascular risk. HYPERTENSION AND CARDIOVASCULAR PREVENTION, vol. 29, p. 327-336, ISSN: 1120-9879, doi: 10.1007/s40292-022-00529-2  <i>Coming from the UNIPG Institutional Archive with code 11391/1532493</i>
5	2022	Vahedian-Azimi, Amir, Mannarino, Massimo, Shojaie, Sajad, Rahimibashar, Farshid, Esmaili Gouvarchin Galeh, Hadi, Banach, Maciej, Bianconi, Vanessa, Pirro, Matteo, Sahebkar, Amirhossein (2022). Effect of statins on the prevalence and mortality of influenza virus infection: a systematic review and meta-analysis. ARCHIVES OF MEDICAL SCIENCE, vol. 18, p. 1-44, ISSN: 1734-1922, doi: 10.5114/aoms/149633  <i>Coming from the UNIPG Institutional Archives with code 11391/1524408</i>
6	2022	Gorini, Alessandra, Giuliani, Mattia, Fiabane, Elena, Bonomi, Alice, Gabanelli, Paola, Pierobon, Antonia, Moretta, Pasquale, Pagliarulo, Giovanna, Spaccavento, Simona, Vaudo, Gaetano, Pirro, Matteo, Mannarino, Massimo R, Milani, Laura, Caruso, Maria Paola, Baiardi, Paola, Dalla Vecchia, Laura Adelaide, La Rovere, Maria Teresa, Pistarini, Caterina, Baldassarre, Damiano (2022). Prevalence of psychopathological symptoms and their determinants in four categories of healthcare workers during the second year of the COVID-

		19 pandemic. INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH, Vol. 19, ISSN: 1660-4601, doi: 10.3390/ijerph192013712  <i>Coming from the UNIPG Institutional Archive with code 11391/1548741</i>
7	2022	Violi, Francesco, Pignatelli, Pasquale, Vestri, Anna Rita, Spagnoli, Alessandra, Cipollone, Francesco, Ceccarelli, Giancarlo, Oliva, Alessandra, Amitrano, Maria, Pirro, Matteo, Taliani, Gloria, Cangemi, Roberto, Lichtner, Miriam, Pugliese, Francesco, Falcone, Marco, D'Ardes, Damiano, Venditti, Mario, Mastroianni, Claudio Maria, Loffredo, Lorenzo, D'Agostino, Fausto, Agrò, Felice Eugenio, Mattei, Alessia, Tibullo, Loredana, Nunziata, Maria Grazia, Iorio, Valeria, Iuliano, Natalia, Mangiacapra, Sara, Raimondo, Mariangela, Atteno, Mariangela, Ferri, Claudio, Grassi, Davide, Desideri, Giovambattista, Abballe, Stefano, Dell'Isola, Serena, Rocco, Monica, Alampi, Daniela, Del Borgo, Cosmo, Bianconi, Vanessa, Mannarino, Massimo Raffaele, Figorilli, Filippo, Maggio, Enrico, Fino, Pasquale. (2022). The ADA (Age-D-Dimer-Albumin) Score to Predict Thrombosis in SARS-CoV-2. THROMBOSIS AND HAEMOSTASIS, vol. 122, p. 1567-1572, ISSN: 0340-6245, doi: 10.1055/a-1788-7592  <i>Coming from the UNIPG Institutional Archive with code 11391/1537941</i>
8	2022	Jamialahmadi, Tannaz, Baratzadeh, Fatemeh, Reiner, Željko, Mannarino, Massimo R, Cardenia, Vladimiro, Simental-Mendía, Luis E, Pirro, Matteo, Watts, Gerald F, Sahebkar, Amirhossein (2022). The Effects of Statin Therapy on Oxidized LDL and Its Antibodies: A Systematic Review and Meta-Analysis. OXIDATIVE MEDICINE AND CELLULAR LONGEVITY, Vol. 2022, ISSN: 1942-0994, doi: 10.1155/2022/7850659  <i>Coming from the UNIPG Institutional Archive with code 11391/1531834</i>
9	2022	Mannarino, Massimo Raffaele, Bianconi, Vanessa, Cosentini, Elena, Figorilli, Filippo, Natali, Costanza, Cellini, Giulia, Colangelo, Cecilia, Giglioni, Francesco, Braca, Marco, Pirro, Matteo (2022). The HACOR Score Predicts Worse in-Hospital Prognosis in Patients Hospitalized with COVID-19. JOURNAL OF CLINICAL MEDICINE, Vol. 11, ISSN: 2077-0383, doi: 10.3390/jcm11123509  <i>Coming from the UNIPG Institutional Archive with code 11391/1531833</i>
10	2022	Bianconi V., Schiaroli E., Mannarino M. R., Sahebkar A., Paciosi F., Benedetti S., Marini E., Pirro M., Francisci D. (2022). The association between neutrophil/lymphocyte ratio and endothelial dysfunction in people living with HIV on stable antiretroviral therapy. EXPERT REVIEW OF ANTI-INFECTIVE THERAPY, Vol. 20, p. 113-120, ISSN: 1478-7210, doi: 10.1080/14787210.2021.1933438  <i>Coming from the UNIPG Institutional Archive with code 11391/1494808</i>
11	2022	Bianconi V., Mannarino M. R., Figorilli F., Cosentini E., Batori G., Marini E., Banach M., Sahebkar A., Pirro M. (2022). The detrimental impact of high ferritin-to-iron ratio on hospital prognosis of patients with COVID-19. EXPERT REVIEW OF MOLECULAR DIAGNOSTICS, p. 1-10, ISSN: 1473-7159, doi: 10.1080/14737159.2022.2052047  <i>Coming from the UNIPG Institutional Archive with code 11391/1517660</i>
12	2022	Mannarino, Massimo Raffaele, Bianconi, Vanessa, Cosentini, Elena, Figorilli, Filippo, Colangelo, Cecilia, Giglioni, Francesco, Lombardini, Rita, Paltriccia, Rita, Pirro, Matteo (2022). Thyroid-stimulating hormone predicts reduction of total cholesterol and low-density lipoprotein cholesterol during the acute phase of COVID-19. JOURNAL OF CLINICAL MEDICINE, Vol. 11, ISSN: 2077-0383, doi: 10.3390/jcm11123347  <i>Coming from the UNIPG Institutional Archive with code 11391/1526258</i>
13	2021	Sahebkar, Amirhossein, Kiaie, Nasim, Gorabi, Armita Mahdavi, Mannarino, Massimo R, Bainaconi, Vanessa, Jamialahmadi, Tannaz, Pirro, Matteo, Banach, Maciej (2021). A comprehensive review of the lipid and pleiotropic effects of pitavastatin. ADVANCES IN LIPID RESEARCH, Vol. 84, ISSN: 0163-7827, doi: 10.1016/j.plipres.2021.101127  <i>Coming from the UNIPG Institutional Archive with code 11391/1496501</i>
14	2021	Mannarino M. R., Pirro M., Gigante B., Savonen K., Kurl S., Giral P., Smit A., Veglia F., Tremoli E., Baldassarre D. (2021). Association Between Uric Acid, Carotid Intima-Media Thickness and Cardiovascular Events: Prospective Results of the Improvement Study.

		JOURNAL OF THE AMERICAN HEART ASSOCIATION. CARDIOVASCULAR AND CEREBROVASCULAR DISEASES, Vol. 10, ISSN: 2047-9980, doi: 10.1161/JAHA.120.020419  <i>Coming from the UNIPG Institutional Archive with code 11391/1496481</i>
15	2021	Ganjali S., Keshavarz R., Hosseini S., Mansouri A., Mannarino M. R., Pirro M., Jamialahmadi T., Sahebkar A. (2021). Assessment of oxidative stress status in familial hypercholesterolemia. JOURNAL OF CLINICAL MEDICINE, Vol. 10, ISSN: 2077-0383, doi: 10.3390/jcm10245867  <i>Coming from the UNIPG Institutional Archive with code 11391/1518153</i>
16	2021	Laguzzi F., Maitusong B., Strawbridge R. J., Baldassarre D., Veglia F., Humphries S. E., Rauramaa R., Kurl S., Smit A. J., Giral P., Silveira A., Tremoli E., Hamsten A., de Faire U., Gigante B., Leander K., Sirtori C. R., Calabresi L., Amato M., Frigerio B., Ravani A., Sansaro D., Tedesco C., Coggi D., Capra N., Bonomi A., Eriksson P., Cooper J., Acharya J., Savonen K., Huttunen K., Rauramaa E., Penttila I. M., Torronen J., van Gessel A. I., van Roon A. M., Nicolai A., Mulder D. J., Kontush A., Carrie A., Gallo A., Karppi J., Nurmi T., Nyssonen K., Tuomainen T. P., Tuomainen J., Kauhanen J., Sennblad B., Pirro M., Vaudo G., Siepi D., Lupattelli G., Mannarino M. R., Bianconi V. (2021). Intake of foods high in saturated fats in relation to subclinical atherosclerosis and potential modulating effects from single genetic variants. SCIENTIFIC REPORTS, vol. 11, ISSN: 2045-2322, doi: 10.1038/s41598-021-86324-w  <i>Coming from the UNIPG Institutional Archive with code 11391/1518154</i>
17	2021	Bianconi V., Mannarino M. R., Figorilli F., Schiaroli E., Cosentini E., Batori G., Marini E., Sahebkar A., Grignani F., Gidari A., Francisci D., Pirro M. (2021). Low brachial artery flow-mediated dilation predicts a worse prognosis in hospitalized patients with covid-19. JOURNAL OF CLINICAL MEDICINE, Vol. 10, ISSN: 2077-0383, doi: 10.3390/jcm10225456  <i>Coming from the UNIPG Institutional Archive with code 11391/1505737</i>
18	2021	Mannarino M. R., Bianconi V., Gigante B., Strawbridge R. J., Savonen K., Kurl S., Giral P., Smit A., Eriksson P., Tremoli E., Veglia F., Baldassarre D., Pirro M. (2021). Neutrophil to lymphocyte ratio is not related to carotid atherosclerosis progression and cardiovascular events in primary prevention of cardiovascular disease: results from the IMPROVE study. BIOFACTORS, vol. 48, p. 100-110, ISSN: 0951-6433, doi: 10.1002/biof.1801  <i>Coming from the UNIPG Institutional Archive with code 11391/1517579</i>
19	2021	Bianconi V., Mannarino M. R., Figorilli F., Cosentini E., Batori G., Marini E., Lombardini R., Gargaro M., Fallarino F., Scarponi A. M., Sahebkar A., Pirro M. (2021). Prevalence of vitamin D deficiency and its prognostic impact on hospitalized patients with COVID-19. NUTRITION, vol. 91-92, ISSN: 0899-9007, doi: 10.1016/j.nut.2021.111408  <i>Coming from the UNIPG Institutional Archive with code 11391/1496686</i>
20	2021	Stingeni, Luca, Francisci, Daniela, Bianchi, Leonardo, Hansel, Katharina, Tramontana, Marta, Di Candilo, Francesco, Mannarino, Massimo Raffaele, Pirro, Matteo (2021). Serious adverse drug reaction in SARS-CoV-2 infection: ceftriaxone-induced and patch-test-confirmed AGEP. CONTACT DERMATITIS, vol. 85, p. 366-368, ISSN: 0105-1873, doi: 10.1111/cod.13857  <i>Coming from the UNIPG Institutional Archive with code 11391/1492140</i>
21	2021	Colombo G. I., Bianconi V., Bonomi A., Simonelli S., Amato M., Frigerio B., Ravani A., Vitali C., Sansaro D., Coggi D., Mannarino M. R., Savonen K. P., Kurl S., Gigante B., Smit A. J., Giral P., Tremoli E., Calabresi L., Veglia F., Pirro M., Baldassarre D. (2021). The association between HDL-c and subclinical atherosclerosis depends on plasma CETP concentration: insights from the improvement study. BIOMEDICINES, vol. 9, ISSN: 2227-9059, doi: 10.3390/biomedicines9030286  <i>Coming from the UNIPG Institutional Archive with code 11391/1526421</i>
22	2020	Bianconi, Vanessa, Mannarino, Massimo R, Pirro, Matteo (2020). Editorial: "Tea Consumption and the Risk of Atherosclerotic Cardiovascular Disease and All-Cause

		Mortality: The China-PAR Project". EUROPEAN JOURNAL OF PREVENTIVE CARDIOLOGY, ISSN: 2047-4873, DOI: 10.1177/2047487319899206  <i>Coming from the UNIPG Institutional Archive with code 11391/1456483</i>
23	2020	Bianconi V., Schiaroli E., Pirro M., Cardaci S., Busti C., Mannarino M. R., Baldelli F., Francisci D. (2020). Effects of antiretroviral therapy on proprotein convertase subtilisin/kexin 9: focus on lipids, inflammation and immunovirological parameters. HIV MEDICINE, ISSN: 1464-2662, doi: 10.1111/hiv.12884  <i>Coming from the UNIPG Institutional Archive with code 11391/1472220</i>
24	2020	Bianconi, Vanessa, Bronzo, Paola, Banach, Maciej, Sahebkar, Amirhossein, Mannarino, Massimo R, Pirro, Matteo (2020). Particulate pollution and the COVID-19 epidemic: the results of the Italian regions and provinces. ARCHIVES OF MEDICAL SCIENCE, vol. 16, p. 985-992-992, ISSN: 1734-1922, doi: 10.5114/aoms.2020.95336  <i>Coming from the UNIPG Institutional Archive with code 11391/1479367</i>
25	2020	Bianconi V., Mannarino M. R., Bronzo P., Marini E., Pirro M. (2020). Temporal changes in the gender distribution of the proportion of COVID-19 incidence in Italy. HELIYON, vol. 6, ISSN: 2405-8440, doi: 10.1016/j.heliyon.2020.e05304  <i>Coming from the UNIPG Institutional Archive with code 11391/1479363</i>
26	2019	Mannarino M. R., Bianconi V., Pirro M. (2019). Comment on "The possible role of nutraceuticals in the prevention of cardiovascular diseases". ARTERIAL HYPERTENSION AND CARDIOVASCULAR PREVENTION, vol. 26, p. 259-261, ISSN: 1120-9879, doi: 10.1007/s40292-019-00317-5  <i>Coming from the UNIPG Institutional Archives with code 11391/1456478</i>
27	2019	Pirro M., Mannarino M. R. (2019). Editorial Comment: Atherosclerosis and Immunity: A Perspective. TRENDS IN CARDIOVASCULAR MEDICINE, vol. 29, p. 372-373, ISSN: 1050-1738, doi: 10.1016/j.tcm.2018.11.005  <i>Coming from the UNIPG Institutional Archive with code 11391/1456485</i>
28	2019	Francisci, Daniela, Pirro, Matteo, Schiaroli, Elisabetta, Mannarino, Massimo R, Cipriani, Sabrina, Bianconi, Vanessa, Alunno, Alessia, Bagaglia, Francesco, Bistoni, Onelia, Falcinelli, Emanuela, Bury, Loredana, Gerli, Roberto, Mannarino, Elmo, De Caterina, Raffaele, Baldelli, Franco (2019). Maraviroc Intensification Modulates Atherosclerotic Progression in HIV-Suppressed Patients at High Cardiovascular Risk. A Randomized, Crossover Pilot Study. OPEN FORUM INFECTIOUS DISEASES, vol. 6, p. 1-7, ISSN: 2328-8957, doi: 10.1093/ofid/ofz112  <i>Coming from the UNIPG Institutional Archive with code 11391/1449352</i>
29	2019	Pirro, Matteo, Francisci, Daniela, Bianconi, Vanessa, Schiaroli, Elisabetta, Mannarino, Massimo R, Barsotti, Francesco, Spinuzzi, Andrea, Bagaglia, Francesco, Sahebkar, Amirhossein, Baldelli, Franco (2019). NUtraceutical Treatment for Hypercholesterolemia in HIV-Infected Patients: The NU-TRY (HIV) Randomized Cross-Over Trial ATHEROSCLEROSIS, vol. 280, p. 51-57-57, ISSN: 0021-9150, doi: 10.1016/j.atherosclerosis.2018.11.026  <i>Coming from the UNIPG Institutional Archive with code 11391/1445321</i>
30	2018	Bianconi, Vanessa, Fallarino, Francesca, Mannarino, Massimo Raffaele, Bagaglia, Francesco, Kararoudi, Meisam Naeimi, Aragona, Caterina Oriana, Romani, Rita, Pirro, Matteo (2018). Autologous cell therapy for vascular regeneration: the role of proangiogenic cells. CURRENT MEDICINAL CHEMISTRY, Vol. 25, p. 4518-4534, ISSN: 0929-8673, doi: 10.2174/0929867324666171012111603  <i>Coming from the UNIPG Institutional Archive with code 11391/1439123</i>
31	2018	BIANCONI, VANESSA, Mannarino, Massimo Raffaele, Sahebkar, Amirhossein, COSENTINO, TERESA, Pirro, Matteo (2018). Cholesterol-lowering nutraceuticals that affect vascular function and cardiovascular disease risk. CURRENT CARDIOLOGY REPORTS, Vol. 20, ISSN: 1523-3782, doi: 10.1007/s11886-018-0994-7

		<i>Coming from the UNIPG Institutional Archive with code 11391/1439068</i>
32	2018	Pirro, Matteo, Bianconi, Vanessa, Schiaroli, Elisabetta, Francisci, Daniela, Mannarino, Massimo R., Bagaglia, Francesco, Sahebkar, Amirhossein, Merriman, Tony, Baldelli, Franco (2018). Elevated serum uric acid levels are associated with endothelial dysfunction in HIV patients receiving highly active antiretroviral therapy. <i>ATHEROSCLEROSIS</i> , vol. 272, p. 101-107, ISSN: 0021-9150, doi: 10.1016/j.atherosclerosis.2018.03.031  <i>Coming from the UNIPG Institutional Archive with code 11391/1435469</i>
33	2018	Mannarino MR, Sahebkar A, Bianconi V, Serban MC, Banach M, Pirro M. (2018). PCSK9 and neurocognitive function: should it still be a problem after the results of FOURIER and EBBINGHAUS?. <i>JOURNAL OF CLINICAL LIPIDOLOGY</i> , vol. 12, p. 1123-1132, ISSN: 1933-2874, doi: 10.1016/j.jacl.2018.05.012  <i>Coming from the UNIPG Institutional Archive with code 11391/1438864</i>
34	2017	PIRRO, Matteo, Vetrani, C., BIANCHI, Clara, MANNARINO, MASSIMO RAFFAELE, BERNINI, FEDERICO, Rivellese, A. A. (2017). Joint position statement on "Nutraceuticals for the treatment of hypercholesterolemia" by the Italian Society of Diabetology (SID) and the Italian Society for the Study of Arteriosclerosis (SISA). <i>NMCD. METABOLISM OF NUTRITION AND CARDIOVASCULAR DISEASES</i> , vol. 27, p. 2-17, ISSN: 0939-4753, doi: 10.1016/j.numecd.2016.11.122  <i>Coming from the UNIPG Institutional Archive with code 11391/1415088</i>
35	2017	PIRRO, Matteo, BIANCONI, VANESSA, PACIULLO, FRANCESCO, MANNARINO, MASSIMO RAFFAELE, BAGAGLIA, FRANCESCO, Sahebkar, Amirhossein (2017). Lipoprotein(a) and inflammation: a dangerous duo that leads to loss of endothelial integrity. <i>PHARMACOLOGICAL RESEARCH</i> , vol. 119, p. 178-187, ISSN: 1043-6618, doi: 10.1016/j.phrs.2017.02.001  <i>Coming from the UNIPG Institutional Archive with code 11391/1415084</i>
36	2017	PACIULLO, FRANCESCO, FALLARINO, Francesca, BIANCONI, VANESSA, MANNARINO, MASSIMO RAFFAELE, Sahebkar, Amirhossein, PIRRO, Matteo (2017). PCSK9 at the intersection of cholesterol metabolism and immune function during infections. <i>JOURNAL OF CELL PHYSIOLOGY</i> , vol. 232, p. 2330-2338, ISSN: 0021-9541, doi: 10.1002/jcp.25767  <i>Coming from the UNIPG Institutional Archive with code 11391/1415086</i>
37	2017	PIRRO, Matteo, MANNARINO, MASSIMO RAFFAELE, BIANCONI, VANESSA, DE VUONO, STEFANO, Sahebkar, A, BAGAGLIA, FRANCESCO, FRANCESCHINI, LUCA, Scarponi, AM, MANNARINO, Elmo, Merriman, T. (2017). Uric acid and bone mineral density in postmenopausal osteoporotic women: the link lies in fat. <i>OSTEOPOROSIS INTERNATIONAL</i> , vol. 28, p. 973-981, ISSN: 0937-941X, doi: 10.1007/s00198-016-3792-3  <i>Coming from the UNIPG Institutional Archive with code 11391/1391156</i>
38	2016	PIRRO, Matteo, MANNARINO, MASSIMO RAFFAELE, MINISTRINI, STEFANO, FALLARINO, Francesca, LUPATTELLI, Graziana, BIANCONI, VANESSA, BAGAGLIA, FRANCESCO, MANNARINO, Elmo (2016). Effects of a Nutraceutical Combination on Lipids, Inflammation, and Endothelial Integrity in Patients With Subclinical Inflammation: A Randomized Clinical Trial. <i>SCIENTIFIC REPORTS</i> , vol. 6, ISSN: 2045-2322, doi: 10.1038/srep23587  <i>Coming from the UNIPG Institutional Archive with code 11391/1376130</i>
39	2016	GENTILI, ALESSANDRA, DAVIDDI, GIULIA, DE VUONO, STEFANO, RICCI, MARIA ANASTASIA, DI FILIPPO, FRANCESCO, ALAEDDIN, ABDALKADER, MANNARINO, MASSIMO RAFFAELE, Boni, Marcello, VAUDO, Gaetano, LUPATTELLI, Graziana (2016). Non-alcoholic fatty liver disease fibrosis score and preclinical vascular damage in morbidly obese patients. <i>DIGESTIVE AND LIVER DISEASE</i> , vol. 48, p. 904-908, ISSN: 1590-8658, doi: 10.1016/j.dld.2016.04.004  <i>Coming from the UNIPG Institutional Archive with code 11391/1402441</i>
40	2016	PIRRO, Matteo, CAGINI, Lucio, MANNARINO, MASSIMO RAFFAELE, Andolfi, M,

		Potenza, R, PACIULLO, FRANCESCO, BIANCONI, VANESSA, FRANGIONE, MARIA ROSARIA, BAGAGLIA, FRANCESCO, PUMA, Francesco, MANNARINO, Elmo (2016). Reduced survival in patients with early-stage non-small cell lung cancer is associated with high levels of pleural endothelial progenitor cells. EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY, Vol. 50, p. 1053-1059, ISSN: 1010-7940, doi: 10.1093/ejcts/ezw197  <i>Coming from the UNIPG Institutional Archive with code 11391/1391162</i>
41	2016	PIRRO, Matteo, MANNARINO, MASSIMO RAFFAELE, BIANCONI, VANESSA, Simental Mendía, LE, BAGAGLIA, FRANCESCO, MANNARINO, Elmo, Sahebkar, A. (2016). The Effects of a Nutraceutical Combination on Plasma Lipids and Glucose: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. PHARMACOLOGICAL RESEARCH, vol. 110, p. 76-88, ISSN: 1043-6618, doi: 10.1016/j.phrs.2016.04.021  <i>Coming from the UNIPG Institutional Archive with code 11391/1391163</i>
42	2016	PIRRO, Matteo, MANNARINO, MASSIMO RAFFAELE, FRANCISCI, Daniela, SCHIAROLI, ELISABETTA, BIANCONI, VANESSA, BAGAGLIA, FRANCESCO, Sahebkar, A, MANNARINO, Elmo, BALDELLI, Franco (2016). Urinary albumin-to-creatinine ratio is associated with endothelial dysfunction in HIV-infected patients receiving antiretroviral therapy. SCIENTIFIC REPORTS, vol. 6, ISSN: 2045-2322, doi: 10.1038/srep28741  <i>Coming from the UNIPG Institutional Archive with code 11391/1391161</i>
43	2015	MANNARINO, MASSIMO RAFFAELE, DI FILIPPO, FRANCESCO, Scarponi, Anna Maria (2015). An unusual emphysema. EUROPEAN JOURNAL OF INTERNAL MEDICINE, vol. 26, p. e45-e46, ISSN: 0953-6205, doi: 10.1016/j.ejim.2015.04.021  <i>Coming from the UNIPG Institutional Archive with code 11391/1362549</i>
44	2015	PIRRO, Matteo, STINGENI, LUCA, VAUDO, Gaetano, MANNARINO, MASSIMO RAFFAELE, Ministrini S, Vonella M, HANSEL, KATHARINA, Bagaglia F, ALAEDDIN, ABDALKADER, LISI, Paolo, MANNARINO, Elmo (2015). Systemic inflammation and imbalance between endothelial damage and repair in patients with psoriasis are associated with preclinical atherosclerosis. EUROPEAN JOURNAL OF PREVENTIVE CARDIOLOGY, Vol. 22, p. 1027-1035, ISSN: 2047-4873, doi: 10.1177/2047487314538858  <i>Coming from the UNIPG Institutional Archive with code 11391/1229290</i>
45	2014	DE VUONO, STEFANO, RICCI, MARIA ANASTASIA, MANNARINO, MASSIMO RAFFAELE, LUPATTELLI, Graziana (2014). Dyslipidemia and chronic kidney disease: focus on pathogenesis and treatment. CLINICAL LIPIDOLOGY, vol. 9, p. 673-681, ISSN: 1758-4299, doi: 10.2217/clp.14.45  <i>Coming from the UNIPG Institutional Archive with code 11391/1353220</i>
46	2014	MANNARINO, MASSIMO RAFFAELE, Ministrini S, PIRRO, Matteo (2014). Nutraceuticals for the treatment of hypercholesterolemia. EUROPEAN JOURNAL OF INTERNAL MEDICINE, vol. 25, p. 592-599, ISSN: 0953-6205, doi: 10.1016/j.ejim.2014.06.008  <i>Coming from the UNIPG Institutional Archive with code 11391/1230897</i>
47	2013	PIRRO, Matteo, CAGINI, Lucio, PACIULLO, FRANCESCO, PECORIELLO, ROBERTA, MANNARINO, MASSIMO RAFFAELE, BAGAGLIA, FRANCESCO, CAPOZZI, ROSANNA, PUMA, Francesco, MANNARINO, Elmo (2013). Basal and Post-Surgical Endothelial Progenitor Cell Levels in Patients With Early-Stage Non-Small Cell Lung Cancer: Impact on Cancer Recurrence and Survival. EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY, Vol. 44, p. E245-E252, ISSN: 1010-7940, doi: 10.1093/ejcts/ezt382  <i>Coming from the UNIPG Institutional Archive with code 11391/1154493</i>
48	2013	LUPATTELLI, Graziana, Vuono SD, Boni M, Helou R, MANNARINO, MASSIMO RAFFAELE, Roscini AR, ALAEDDIN, ABDALKADER, PIRRO, Matteo, VAUDO, Gaetano (2013). Insulin resistance, not BMI, is the main determinant of early vascular

		impairment in morbidly obese patients. JOURNAL OF ATHEROSCLEROSIS AND THROMBOSIS, Vol. 20, p. 924-933, ISSN: 1340-3478  <i>Coming from the UNIPG Institutional Archive with code 11391/1154492</i>
49	2013	PIRRO, Matteo, LUPATTELLI, Graziana, Rosaria Del Giorno, SCHILLACI, Giuseppe, BERISHA, SOKOL, MANNARINO, MASSIMO RAFFAELE, BAGAGLIA, FRANCESCO, MELIS, FRANCESCO, MANNARINO, Elmo (2013). The nutraceutical combination (red yeast rice, berberine, and policosanols) improves aortic stiffness in low- to moderate-risk hypercholesterolemic patients. PHARMANUTRITION, vol. 1, p. 73-77, ISSN: 2213-4344, doi: 10.1016/j.phanu.2013.02.003  <i>Coming from the UNIPG Institutional Archive with code 11391/1154501</i>
50	2013	PIRRO, Matteo, VAUDO, Gaetano, LUPATTELLI, Graziana, PASQUALINI, Leonella, MANNARINO, MASSIMO RAFFAELE, SCHILLACI, Giuseppe, ALAEDDIN, ABDALKADER, Paciullo F, FALLARINO, Francesca, Bagaglia F, MANNARINO, Elmo (2013). C-reactive protein and HDL cholesterol levels in patients at intermediate cardiovascular risk: impact on carotid intima-media thickness. LIFE SCIENCES, ISSN: 0024-3205  <i>Coming from the UNIPG Institutional Archive with code 11391/1232703</i>
51	2012	PIRRO, Matteo, BARTOLONI BOCCI, Elena, DI FILIPPO, FRANCESCO, SCHILLACI, Giuseppe, MANNARINO, MASSIMO RAFFAELE, BAGAGLIA, FRANCESCO, GERLI, Roberto, MANNARINO, Elmo (2012). Imbalance between endothelial damage and repair in patients with polymyalgia rheumatica: improvement with corticosteroid treatment. JOURNAL OF INTERNAL MEDICINE, Vol. 272, p. 177-184, ISSN: 0954-6820  <i>Coming from the UNIPG Institutional Archive with code 11391/573297</i>
52	2012	LUPATTELLI, Graziana, PIRRO, Matteo, SIEPI, Donatella, MANNARINO, MASSIMO RAFFAELE, ROSCINI AR, VAUDO, Gaetano, PASQUALINI, Leonella, SCHILLACI, Giuseppe, MANNARINO, Elmo (2012). Non-cholesterol sterols in different forms of primary hyperlipemias. NMCD. NUTRITION METABOLISM AND CARDIOVASCULAR DISEASES, vol. 22, p. 231-236, ISSN: 0939-4753  <i>Coming from the UNIPG Institutional Archive with code 11391/168443</i>
53	2012	MANNARINO, MASSIMO RAFFAELE, di Filippo F, PIRRO, Matteo (2012). Obstructive sleep apnea syndrome. EUROPEAN JOURNAL OF INTERNAL MEDICINE, Vol. 23, ISSN: 0953-6205, doi: 10.1016/j.ejim.2012.05.013  <i>Coming from the UNIPG Institutional Archive with code 11391/957382</i>
54	2012	Paciullo F, MANNARINO, MASSIMO RAFFAELE, PIRRO, Matteo (2012). C-reactive protein and cardiovascular risk: usefulness and limitations. JOURNAL OF ARTERIOSCLEROSIS, ISSN: 0017-0224  <i>Coming from the UNIPG Institutional Archive with code 11391/1038586</i>
55	2012	LUPATTELLI, Graziana, PIRRO, Matteo, MANNARINO, MASSIMO RAFFAELE, SIEPI, Donatella, Anna R. Roscini, SCHILLACI, Giuseppe, MANNARINO, Elmo (2012). Visceral fat is positively correlated with cholesterol synthesis in dyslipidemic patients. EUROPEAN JOURNAL OF CLINICAL INVESTIGATION, vol. 42, p. 164-170, ISSN: 0014-2972, doi: 10.1111/j.1365-2362.2011.02572.x  <i>Coming from the UNIPG Institutional Archive with code 11391/1039060</i>
56	2011	PIRRO, Matteo, DEL GIORNO, Rosaria, LUPATTELLI, Graziana, MANNARINO, MASSIMO RAFFAELE, Roscini AR, Covelli D, SCHILLACI, Giuseppe, PASQUALINI, Leonella, BAGAGLIA, FRANCESCO, SIEPI, Donatella, MANNARINO, Elmo (2011). Cardiovascular risk factors and achievement of recommended lipid targets among patients referred to a tertiary care lipid clinic. EUROPEAN JOURNAL OF INTERNAL MEDICINE, Vol. 22, p. 412-417, ISSN: 0953-6205, doi: 10.1016/j.ejim.2011.04.007  <i>Coming from the UNIPG Institutional Archive with code 11391/1232716</i>
57	2011	PIRRO, Matteo, SCHILLACI, Giuseppe, MANNARINO, MASSIMO RAFFAELE, Scarponi AM, Manfredelli MR, Callarelli L, Leli C, Fabbriani G, Helou RS, BAGAGLIA,

		FRANCESCO, MANNARINO, Elmo (2011). Circulating immature osteoprogenitor cells and arterial stiffening in postmenopausal osteoporosis. <i>NMCD. METABOLISM OF NUTRITION AND CARDIOVASCULAR DISEASES</i> , Vol. 21, p. 636-642, ISSN: 0939-4753, doi: 10.1016/j.numecd.2010.01.015  <i>Coming from the UNIPG Institutional Archive with code 11391/572101</i>
58	2010	SCHILLACI, Giuseppe, SARCHIELLI, Paola, CORBELLI, ILENIA, PUCCI, GIACOMO, SETTIMI, LAURA, MANNARINO, MASSIMO RAFFAELE, CALABRESI, PAOLO, MANNARINO, Elmo (2010). Aortic stiffness and pulse wave reflection in young subjects with migraine: a case-control study. <i>NEUROLOGY</i> , vol. 75, p. 960-966, ISSN: 0028-3878, doi: 10.1212/WNL.0b013e3181f25ecd.  <i>Coming from the UNIPG Institutional Archive with code 11391/830298</i>
59	2010	PIRRO, Matteo, Fabbri G, Leli C, Callarelli L, Manfredelli MR, Fioroni C, MANNARINO, MASSIMO RAFFAELE, Scarponi AM, MANNARINO, Elmo (2010). High weight or body mass index increases the risk of vertebral fractures in postmenopausal osteoporotic women. <i>JOURNAL OF BONE AND MINERAL METABOLISM</i> , vol. 28, p. 88-93, ISSN: 0914-8779, doi: 10.1007/s00774-009-0108-0  <i>Coming from the UNIPG Institutional Archive with code 11391/572502</i>
60	2009	SCHILLACI, Giuseppe, PUCCI, GIACOMO, MANNARINO, MASSIMO RAFFAELE, PIRRO, Matteo, Parati G. (2009). Determinants of the ambulatory arterial stiffness index regression line.. <i>HYPERTENSION</i> , vol. 53, ISSN: 0194-911X  <i>Coming from the UNIPG Institutional Archive with code 11391/40169</i>
61	2009	PIRRO, Matteo, SCHILLACI, Giuseppe, Romagno PF, MANNARINO, MASSIMO RAFFAELE, BAGAGLIA, FRANCESCO, Razzi R, PASQUALINI, Leonella, VAUDO, Gaetano, MANNARINO, Elmo (2009). Influence of short-term rosuvastatin therapy on endothelial progenitor cells and endothelial function. <i>JOURNAL OF PHARMACOLOGY AND CARDIOVASCULAR THERAPY</i> , vol. 14, ISSN: 1074-2484, doi: 10.1177/1074248408331021  <i>Coming from the UNIPG Institutional Archive with code 11391/572504</i>
62	2008	SCHILLACI, Giuseppe, De Socio G., PUCCI, GIACOMO, MANNARINO, MASSIMO RAFFAELE, Helou J., PIRRO, Matteo, MANNARINO, Elmo (2008). Aortic stiffness in untreated adult patients with human immunodeficiency virus infection. <i>HYPERTENSION</i> , vol. 52, p. 308-313, ISSN: 0194-911X  <i>Coming from the UNIPG Institutional Archive with code 11391/152466</i>
63	2008	PIRRO, Matteo, BAGAGLIA, FRANCESCO, Paoletti L., Razzi F., MANNARINO, MASSIMO RAFFAELE (2008). Endothelial progenitor cell dysfunction associated with hypercholesterolemia. <i>THERAPEUTIC ADVANCES IN CARDIOVASCULAR DISEASES</i> , Vol. 2(5):329-39., ISSN: 1753-9447, doi: 10.1177/1753944708094769  <i>Coming from the UNIPG Institutional Archive with code 11391/40230</i>
64	2008	PIRRO, Matteo, SCHILLACI, Giuseppe, BAGAGLIA, FRANCESCO, Menecali C., Paltriccia R., MANNARINO, MASSIMO RAFFAELE, Capanni M., VELARDI, Andrea, MANNARINO, Elmo (2008). Microparticles derived from endothelial progenitor cells in patients at different cardiovascular risk. <i>ATHEROSCLEROSIS</i> , vol. 197, p. 757-767, ISSN: 0021-9150, doi: 10.1016/j.atherosclerosis.2007.07.012  <i>Coming from the UNIPG Institutional Archive with code 11391/152513</i>
65	2007	SCHILLACI, Giuseppe, MANNARINO, MASSIMO RAFFAELE, PUCCI, GIACOMO, PIRRO, Matteo, Helou J, Savarese G, VAUDO, Gaetano, MANNARINO, Elmo (2007). Age-specific relationship of aortic pulse wave velocity to left ventricular geometry and function in hypertension. <i>HYPERTENSION</i> , vol. 49, p. 317-321, ISSN: 0194-911X, doi: 10.1161/01.HYP.0000255790.98391.9b  <i>Coming from the UNIPG Institutional Archive with code 11391/1038522</i>
66	2007	SCHILLACI, Giuseppe, Parati G., PIRRO, Matteo, PUCCI, GIACOMO, MANNARINO, MASSIMO RAFFAELE, Sperandini L., MANNARINO, Elmo (2007). The ambulatory

		arterial stiffness index is not a specific marker of reduced arterial compliance. HYPERTENSION, vol. 49, p. 986-991, ISSN: 0194-911X, doi: 10.1161/HYPERTENSIONAHA.106.082248  <i>Coming from the UNIPG Institutional Archive with code 11391/152497</i>
67	2007	PIRRO, Matteo, SCHILLACI, Giuseppe, MANNARINO, MASSIMO RAFFAELE, Gianluca Savarese, VAUDO, Gaetano, SIEPI, Donatella, Rita Paltriccina, MANNARINO, Elmo (2007). Effects of rosuvastatin on 3-nitrotyrosine and aortic stiffness in hypercholesterolemia. NMCD. METABOLISM OF NUTRITION AND CARDIOVASCULAR DISEASES, vol. 17, p. 436-441, ISSN: 1590-3729  <i>Coming from the UNIPG Institutional Archive with code 11391/103065</i>
68	2007	VAUDO, Gaetano, MARCHESI, Simona, SIEPI, Donatella, Brozzetti M., MANNARINO, MASSIMO RAFFAELE, PIRRO, Matteo, SCHILLACI, Giuseppe, CIUFFETTI, Giovanni, LUPATTELLI, Graziana, MANNARINO, Elmo (2007). Metabolic syndrome and preclinical atherosclerosis: focus on femoral arteries.. METABOLISM, CLINICAL AND EXPERIMENTAL, vol. 56(4), p. 541-546, ISSN: 0026-0495  <i>Coming from the UNIPG Institutional Archive with code 11391/151339</i>
69	2007	SCHILLACI, Giuseppe, PIRRO, Matteo, PUCCI, GIACOMO, Ronti T., VAUDO, Gaetano, MANNARINO, MASSIMO RAFFAELE, Porcellati C., MANNARINO, Elmo (2007). Prognostic value of elevated white blood cell count in hypertension. AMERICAN JOURNAL OF HYPERTENSION, Vol. 20, p. 364-369, ISSN: 0895-7061, doi: 10.1016/j.amjhyper.2006.10.007  <i>Coming from the UNIPG Institutional Archive with code 11391/152450</i>
70	2007	PIRRO, Matteo, SCHILLACI, Giuseppe, Menecali C., BAGAGLIA, FRANCESCO, Paltriccina R., VAUDO, Gaetano, MANNARINO, MASSIMO RAFFAELE, MANNARINO, Elmo (2007). Reduction in the number of circulating endothelial progenitors and HOXA9 expression in CD34+ cells of hypertensive patients. JOURNAL OF HYPERTENSION, Vol. 25(10), p. 2093-2099, ISSN: 0263-6352  <i>Coming from the UNIPG Institutional Archive with code 11391/152474</i>
71	2007	SCHILLACI, Giuseppe, Parati, G, PIRRO, Matteo, PUCCI, GIACOMO, MANNARINO, MASSIMO RAFFAELE, SPERANDINI, LAURA, MANNARINO, Elmo (2007). Response to: Dipping deeper into the ambulatory arterial stiffness index. HYPERTENSION, vol. 50, ISSN: 0194-911X  <i>Coming from the UNIPG Institutional Archive with code 11391/1391179</i>
72	2006	SCHILLACI, Giuseppe, PIRRO, Matteo, PUCCI, GIACOMO, MANNARINO, MASSIMO RAFFAELE, GEMELLI F, SIEPI, Donatella, VAUDO, Gaetano, MANNARINO, Elmo (2006). Different impact of metabolic syndrome on left ventricular structure and function in hypertensive men and women. HYPERTENSION, vol. 47, p. 881-886, ISSN: 0194-911X, doi: 10.1161/01.HYP.0000216778.83626.39  <i>Coming from the UNIPG Institutional Archive with code 11391/103060</i>
73	2006	PIRRO, Matteo, SCHILLACI, Giuseppe, Paltriccina, Rita, BAGAGLIA, FRANCESCO, Menecali, Cinzia, MANNARINO, MASSIMO RAFFAELE, Capanni, Marusca, VELARDI, Andrea, MANNARINO, Elmo (2006). Increased ratio of CD31+/CD42- microparticles to endothelial progenitors as a novel marker of atherosclerosis in hypercholesterolemia. ARTERIOSCLEROSIS, THROMBOSIS AND VASCULAR BIOLOGY, Vol. 26, p. 2530-2535, ISSN: 1079-5642, doi: 10.1161/01.ATV.0000243941.72375.15  <i>Coming from the UNIPG Institutional Archive with code 11391/1355624</i>
74	2006	SCHILLACI, Giuseppe, PIRRO, Matteo, MANNARINO, MASSIMO RAFFAELE, PUCCI, GIACOMO, Savarese G, Franklin SS, MANNARINO, Elmo (2006). Relationship between renal function within the normal range and central and peripheral arterial stiffness in hypertension. HYPERTENSION, vol. 48, p. 616-621, ISSN: 0194-911X  <i>Coming from the UNIPG Institutional Archive with code 11391/174719</i>
75	2005	Marchesi S., LUPATTELLI, Graziana, LOMBARDINI, Rita, SENSINI, Alessandra, SIEPI,

		Donatella, MANNARINO, MASSIMO RAFFAELE, VAUDO, Gaetano, MANNARINO, Elmo (2005). Acute inflammatory state during influenza infection and endothelial function. <i>ATHEROSCLEROSIS</i> , vol. 178(2), p. 345-350, ISSN: 0021-9150  <i>Coming from the UNIPG Institutional Archive with code 11391/152277</i>
76	2005	Pisciotta L., VAUDO, Gaetano, LUPATTELLI, Graziana, SIEPI, Donatella, MANNARINO, MASSIMO RAFFAELE, Moleri E., Bellocchio A., Cantafora A., Tarugi P., Calandra S., Bertolini S. (2005). Combined monogenic hypercholesterolemia and hypoalphalipoproteinemia caused by mutations in LDL-R and LCAT genes. <i>ATHEROSCLEROSIS</i> , vol. 182, p. 153-159, ISSN: 0021-9150  <i>Coming from the UNIPG Institutional Archive with code 11391/152426</i>
77	2005	SCHILLACI, Giuseppe, De Socio G., PIRRO, Matteo, Savarese G., MANNARINO, MASSIMO RAFFAELE, BALDELLI, Franco, STAGNI, Giuliano, MANNARINO, Elmo (2005). Impact of protease inhibitor treatment on aortic stiffness in adult patients with human immunodeficiency virus infection. <i>ARTERIOSCLEROSIS, THROMBOSIS AND VASCULAR BIOLOGY</i> , vol. 25/2005, p. 2381-2385, ISSN: 1079-5642  <i>Coming from the UNIPG Institutional Archive with code 11391/152468</i>
78	2005	SCHILLACI, Giuseppe, PIRRO, Matteo, VAUDO, Gaetano, MANNARINO, MASSIMO RAFFAELE, SAVARESE G, PUCCI, GIACOMO, FRANKLIN SS, MANNARINO, Elmo (2005). Metabolic syndrome is associated with aortic stiffness in untreated essential hypertension. <i>HYPERTENSION</i> , vol. 45, p. 1078-1082, ISSN: 0194-911X, doi: 10.1161/01.HYP.0000165313.84007.7d  <i>Coming from the UNIPG Institutional Archive with code 11391/102791</i>
79	2005	SCHILLACI, Giuseppe, MANNARINO, MASSIMO RAFFAELE, PIRRO, Matteo (2005). Treatment of hypertensive non-dippers: additional benefit from reducing nocturnal blood pressure?. <i>DRUGS AND CARDIOVASCULAR THERAPY</i> , vol. 19(3), p. 169-171, ISSN: 0920-3206  <i>Coming from the UNIPG Institutional Archive with code 11391/152437</i>
80	2004	PIRRO, Matteo, SCHILLACI, Giuseppe, Savarese G., Gemelli F., MANNARINO, MASSIMO RAFFAELE, SIEPI, Donatella, BAGAGLIA, FRANCESCO, MANNARINO, Elmo (2004). Alleviation of inflammation with short-term dietary intervention is associated with a reduction in arterial stiffness in individuals with hypercholesterolemia. <i>EUROPEAN JOURNAL OF CARDIOVASCULAR PREVENTION AND REHABILITATION</i> , vol. 11(6), p. 497-502, ISSN: 1741-8267  <i>Coming from the UNIPG Institutional Archive with code 11391/152503</i>
		<b>Abstracts published in indexed journals</b>
81	2019	Bianconi V., Schiaroli E., Francisci D., Mannarino M. R., Bagaglia F., Baldelli F., Pirro M. (2019). Effects of antiretroviral therapy on lipid and immunovirological profile: Focus on proprotein convertase subtilisin/kexin 9. <i>ATHEROSCLEROSIS</i> , vol. 275, p. e107-e108, ISSN: 0021-9150, doi: 10.1016/j.atherosclerosis.2018.06.298  <i>Coming from the UNIPG Institutional Archive with code 11391/1437725</i>
82	2018	Bianconi V., Schiaroli E., Francisci D., Mannarino M. R., BARSOTTI, FRANCESCO, SPINOZZI, ANDREA, Bagaglia F., Baldelli F., Pirro M. (2018). A nutraceutical combination targeting dyslipidemia and subclinical inflammation in HIV patients on stable antiretroviral therapy. <i>ATHEROSCLEROSIS</i> , vol. 275, p. e208, ISSN: 0021-9150, doi: 10.1016/j.atherosclerosis.2018.06.646  <i>Coming from the UNIPG Institutional Archive with code 11391/1437724</i>
83	2014	A. Gentili, G. Daviddi, M. Scavizzi, S. De Vuono, M. A. Ricci, F. Di Filippo, ALAEDDIN, ABDALKADER, MANNARINO, MASSIMO RAFFAELE, VAUDO, Gaetano, LUPATTELLI, Graziana (2014). RELATIONSHIP BETWEEN NAFLD FIBROSIS SCORE AND EARLY VASCULAR DAMAGE IN PATIENTS WITH HIGH-GRADE OBESITY. <i>ITALIAN JOURNAL OF ARTERIOSCLEROSIS</i> , p. 87-88, ISSN: 2240-4821  <i>Coming from the UNIPG Institutional Archive with code 11391/1328120</i>

84	2013	DI FILIPPO, FRANCESCO, MANNARINO, MASSIMO RAFFAELE, DE VUONO, STEFANO, SCAVIZZI, MATTEO, RICCI, MARIA ANASTASIA, LUPATTELLI, Graziana (2013). Gamma-glutamyltransferase and arterial wall stiffness in the very obese. ITALIAN JOURNAL OF ARTERIOSCLEROSIS, vol. 4, ISSN: 2240-4821  <i>Coming from the UNIPG Institutional Archive with code 11391/127072</i>
85	2013	SCAVIZZI, MATTEO, DE VUONO, STEFANO, PIRRO, Matteo, M. Boni, A. R. Roscini, MANNARINO, MASSIMO RAFFAELE, E. Carrara, A. Monni, SIEPI, Donatella, LUPATTELLI, Graziana (2013). Changes in cholesterol absorption and synthesis after bariatric surgery. ITALIAN JOURNAL OF ARTERIOSCLEROSIS, vol. 4, p. 114-115, ISSN: 2240-4821  <i>Coming from the UNIPG Institutional Archive with code 11391/127075</i>
86	2013	RICCI, MARIA ANASTASIA, DE VUONO, STEFANO, SCAVIZZI, MATTEO, MANNARINO, MASSIMO RAFFAELE, DI FILIPPO, FRANCESCO, L. Rotelli, D. Damiani, M. Boni, LUPATTELLI, Graziana (2013). Predictors of vascular damage in the very obese undergoing bariatric surgery. ITALIAN JOURNAL OF ARTERIOSCLEROSIS, vol. 4, ISSN: 2240-4821  <i>Coming from the UNIPG Institutional Archive with code 11391/127074</i>
87	2012	LUPATTELLI, Graziana, SCAVIZZI, MATTEO, DE VUONO, STEFANO, RICCI, MARIA ANASTASIA, F. Melis, MANNARINO, MASSIMO RAFFAELE, SIEPI, Donatella, PIRRO, Matteo (2012). Absorbed cholesterol and HDL-C levels during the "acute phase response". ITALIAN JOURNAL OF ARTERIOSCLEROSIS, vol. 4, p. 61-62, ISSN: 2240-4821  <i>Coming from the UNIPG Institutional Archive with code 11391/127076</i>
88	2012	LUPATTELLI, Graziana, P. Rondelli, F. Paciullo, PASQUALINI, Leonella, MANNARINO, MASSIMO RAFFAELE, A. Nobili, P. M. Mannucci, REBOLDI, Gianpaolo, on behalf of the REPOSI Investigators (2012). Heart failure and chronic kidney disease in hospitalized elderly patients: the REPOSI study. INTERNAL AND EMERGENCY MEDICINE, vol. 7, p. S309-S359, ISSN: 1828-0447  <i>Coming from the UNIPG Institutional Archive with code 11391/1270699</i>
89	2012	LUPATTELLI, Graziana, DE VUONO, STEFANO, M. Boni, MANNARINO, MASSIMO RAFFAELE, SCAVIZZI, MATTEO, RICCI, MARIA ANASTASIA, P. G. Mariani, A. R. Roscini, ALAEDDIN, ABDALKADER, PIRRO, Matteo, VAUDO, Gaetano (2012). In morbid obesity a lower HOMA-index identifies metabolically healthy subjects with no early vascular impairment. ITALIAN JOURNAL OF ARTERIOSCLEROSIS, vol. 4, ISSN: 2240-4821  <i>Coming from the UNIPG Institutional Archive with code 11391/1270707</i>
90	2012	MANNARINO, MASSIMO RAFFAELE, PIRRO, Matteo, DI FILIPPO, FRANCESCO, R. Helou, MINISTRINI, STEFANO, MANNARINO, Elmo (2012). Influence of hepatic steatosis on pre-clinical atherosclerosis. ITALIAN JOURNAL OF ARTERIOSCLEROSIS, vol. 4, ISSN: 2240-4821  <i>Coming from the UNIPG Institutional Archive with code 11391/1270710</i>
91	2012	MANNARINO, MASSIMO RAFFAELE, PIRRO, Matteo, R. Helou, S. Ministrini, PUCCI, GIACOMO, SCHILLACI, Giuseppe, MANNARINO, Elmo (2012). Hepatic steatosis is an independent predictor of arterial stiffness. INTERNAL AND EMERGENCY MEDICINE, vol. 7, p. S309-S359, ISSN: 1828-0447  <i>Coming from the UNIPG Institutional Archive with code 11391/1270698</i>
92	2012	PIRRO, Matteo, VAUDO, Gaetano, LUPATTELLI, Graziana, PASQUALINI, Leonella, ALAEDDIN, ABDALKADER, MANNARINO, MASSIMO RAFFAELE, F. Paciullo, BAGAGLIA, FRANCESCO, MANNARINO, Elmo (2012). ON-TREATMENT C-REACTIVE PROTEIN AND HDL CHOLESTEROL LEVELS: ASSOCIATION WITH CAROTID INTIMA-MEDIA THICKNESS.. ITALIAN JOURNAL OF ARTERIOSCLEROSIS, vol. 4, ISSN: 2240-4821

		<i>Coming from the UNIPG Institutional Archive with code 11391/1328115</i>
93	2011	DE VUONO, STEFANO, LUPATTELLI, Graziana, Pisciotta L, SIEPI, Donatella, Bellocchio A, Melis F, MANNARINO, MASSIMO RAFFAELE, Bertolini S, MANNARINO, Elmo (2011). A silent mutation of npc111 modulates cholesterol absorption in primary hyperlipemias.. ITALIAN JOURNAL OF ARTERIOSCLEROSIS, vol. 3, ISSN: 2240-4821  <i>Coming from the UNIPG Institutional Archive with code 11391/127078</i>
94	2011	Del Giorno R, Moreno Velasquez I, Frumento P, Vikström M, Leander K, PIRRO, Matteo, MANNARINO, MASSIMO RAFFAELE, MANNARINO, Elmo, de Faire U, Gigante B. (2011). Genetic variants of AMP-activated protein kinase and the risk of myocardial infarction in the Stockholm Heart Epidemiology Program. JOURNAL OF ARTERIOSCLEROSIS, ISSN: 0017-0224  <i>Coming from the UNIPG Institutional Archive with code 11391/1038913</i>
95	2011	DI FILIPPO, FRANCESCO, PIRRO, Matteo, Manfredelli MR, MANNARINO, MASSIMO RAFFAELE, Helou RS, SCHILLACI, Giuseppe, Scarponi AM, MANNARINO, Elmo (2011). Influence of Vitamin D 25-OH and Parathyroid Hormone Levels on Arterial Stiffness in Postmenopausal Women With Vitamin D Insufficiency or Deficiency. ITALIAN JOURNAL OF ARTERIOSCLEROSIS, Vol. 3, ISSN: 2240-4821  <i>Coming from the UNIPG Institutional Archive with code 11391/127079</i>
96	2011	Paciullo F, PIRRO, Matteo, Del Giorno R, MANNARINO, MASSIMO RAFFAELE, Berisha S, Helou RS, LUPATTELLI, Graziana, BAGAGLIA, FRANCESCO, MELIS, FRANCESCO, MANNARINO, Elmo (2011). Nutraceutical combination (red yeast rice, berberine and policosanols) improves aortic pulse wave velocity in low-moderate risk hypercholesterolemic patients. JOURNAL OF ARTERIOSCLEROSIS, ISSN: 0017-0224  <i>Coming from the UNIPG Institutional Archive with code 11391/1038906</i>
97	2011	MANNARINO, MASSIMO RAFFAELE, Di Filippo F, Del Giorno R, Fattori C, Mariani PG, Colella R, Pedicino A, PIRRO, Matteo, LUPATTELLI, Graziana, PASQUALINI, Leonella (2011). Predictors of cardiovascular mortality and cardiovascular prevention in patients admitted to an internal medicine ward.. JOURNAL OF ARTERIOSCLEROSIS, ISSN: 0017-0224  <i>Coming from the UNIPG Institutional Archive with code 11391/1038909</i>
98	2010	Schillaci, G, PUCCI, GIACOMO, Hijazi, R, Settmi, L, MANNARINO, MASSIMO RAFFAELE, PIRRO, Matteo, MANNARINO, Elmo (2010). Aortic stiffness is increased in polymyalgia rheumatica and improves after steroid treatment. JOURNAL OF HYPERTENSION, vol. 28, p. 518, ISSN: 1473-5598  <i>Coming from the UNIPG Institutional Archive with code 11391/1391319</i>
99	2010	PIRRO, Matteo, Manfredelli MR, Di Filippo F, Scarponi AM, Helou RS, MANNARINO, MASSIMO RAFFAELE, Scalera GB, Gentile E, MANNARINO, Elmo (2010). Circulating osteoblasts contribute to aortic calcifications and stiffness in women with postmenopausal osteoporosis. JOURNAL OF ARTERIOSCLEROSIS, ISSN: 0017-0224  <i>Coming from the UNIPG Institutional Archive with code 11391/1038916</i>
100	2010	Lupattelli, G, PIRRO, Matteo, Siepi, D, MANNARINO, MASSIMO RAFFAELE, Roscini, AR, Vaudo, G, Schillaci, G, MANNARINO, Elmo (2010). Non-cholesterol sterols in common hypercholesterolemia and familial combined hyperlipemia. ATHEROSCLEROSIS SUPPLEMENTS, vol. 11, p. 63-64, ISSN: 1567-5688  <i>Coming from the UNIPG Institutional Archive with code 11391/1391318</i>
101	2010	MANNARINO, MASSIMO RAFFAELE, Roscini AR, PIRRO, Matteo, SIEPI, Donatella, Covelli D, Helou RS, LUPATTELLI, Graziana (2010). Relationship between visceral adiposity and cholesterol synthesis in dyslipidemic patients. JOURNAL OF ARTERIOSCLEROSIS, ISSN: 0017-0224  <i>Coming from the UNIPG Institutional Archive with code 11391/1038918</i>
102	2009	PIRRO, Matteo, MANNARINO, MASSIMO RAFFAELE, MANFREDELLI, MARIA

		<p>ROSARIA, Scarponi A.M. (2009). Effect of thyroid function on the number of circulating osteoblastic progenitors and bone mineral stiffness in menopausal women. CLINICAL CASES IN MINERAL AND BONE METABOLISM, ISSN: 1724-8914</p> <p>Coming from the UNIPG Institutional Archive with code 11391/1038923</p>
103	2009	<p>Schillaci, G, PUCCI, GIACOMO, Corbelli, I, Sarchielli, P, MANNARINO, MASSIMO RAFFAELE, PIRRO, Matteo, Calabresi, P, MANNARINO, Elmo (2009). Increased aortic stiffness in young people with migraine. DIFFUSION, vol. 120, p. 1068, ISSN: 0009-7322</p> <p>Coming from the UNIPG Institutional Archive with code 11391/1391317</p>
104	2009	<p>Pucci, G, Schillaci, G, Corbelli, I, Sarchielli, P, MANNARINO, MASSIMO RAFFAELE, PIRRO, Matteo, Settimi, S, Calabresi, P, MANNARINO, Elmo (2009). Increased aortic stiffness in young people with migraine. NMCD. NUTRITION METABOLISM AND CARDIOVASCULAR DISEASE, vol. 19(1), p. 24-25, ISSN: 0939-4753</p> <p>Coming from the UNIPG Institutional Archive with code 11391/1391311</p>
105	2009	<p>MANNARINO, MASSIMO RAFFAELE, PIRRO, Matteo, Helou, R, Schillaci, G, Covelli, D, MANNARINO, Elmo (2009). Influence of visceral and subcutaneous fat on carotid intima-media thickness in dyslipidemic patients. ATHEROSCLEROSIS SUPPLEMENTS, VOL. 10(2), p. 1254, ISSN: 1567-5688</p> <p>Coming from the UNIPG Institutional Archive with code 11391/1391301</p>
106	2009	<p>Schillaci, G, PUCCI, GIACOMO, MANNARINO, MASSIMO RAFFAELE, PIRRO, Matteo, Pasqualini, L, Vaudo, G, MANNARINO, Elmo (2009). Is brachial artery diameter an early index of organ damage in hypertension?. CIRCULATION, vol. 120, p. 1006-1007, ISSN: 0009-7322</p> <p>Coming from the UNIPG Institutional Archive with code 11391/1391314</p>
107	2009	<p>Pucci, G, PIRRO, Matteo, MANNARINO, MASSIMO RAFFAELE, Hijazi, D, Pasqualini, L, Schillaci, G, MANNARINO, Elmo (2009). Is glomerular hyperfiltration related to metabolic syndrome in untreated essential hypertension?. NMCD. NUTRITION METABOLISM AND CARDIOVASCULAR DISEASE, Vol. 19(1), p. 25, ISSN: 0939-4753</p> <p>Coming from the UNIPG Institutional Archive with code 11391/1391313</p>
108	2009	<p>MANNARINO, MASSIMO RAFFAELE, PIRRO, Matteo, Helou, R, Covelli, D, Pucci, G, Schillaci, G, MANNARINO, Elmo (2009). Hepatic steatosis: an independent predictor of arterial stiffness in dyslipidemic patients. NMCD. NUTRITION METABOLISM AND CARDIOVASCULAR DISEASE, vol. 19(1), p. 15-16, ISSN: 0939-4753</p> <p>Coming from the UNIPG Institutional Archive with code 11391/1391306</p>
109	2009	<p>Lupattelli, G, PIRRO, Matteo, Siepi, D, MANNARINO, MASSIMO RAFFAELE, Roscini, AR, Vaudo, G, Schillaci, G, MANNARINO, Elmo (2009). Non-cholesterol sterols in different forms of primary hyperlipemia. NMCD. METABOLISM OF NUTRITION AND CARDIOVASCULAR DISEASES, Vol. 19(1), p. 14, ISSN: 0939-4753</p> <p>Coming from the UNIPG Institutional Archive with code 11391/1391303</p>
110	2009	<p>PIRRO, Matteo, Del Giorno, R, Mannarino, Massimo Raffaele, Covelli, D, Schillaci, G, MANNARINO, Elmo (2009). Prevalence of major cardiovascular risk factors and distance from LDL cholesterol target among dyslipidemic subjects at different cardiovascular risk. NMCD. NUTRITION METABOLISM AND CARDIOVASCULAR DISEASE, Vol. 19(1), p. 22, ISSN: 0939-4753</p> <p>Coming from the UNIPG Institutional Archive with code 11391/1391310</p>
111	2009	<p>MANNARINO, MASSIMO RAFFAELE, Helou R, Manfredelli M, Scarponi AM, PIRRO, Matteo (2009). Role of circulating osteoblastic progenitors in aortic wall stiffening in women with postmenopausal osteoporosis. CLINICAL CASES IN MINERAL AND BONE METABOLISM, ISSN: 1724-8914</p> <p>Coming from the UNIPG Institutional Archive with code 11391/1038924</p>
112	2008	<p>Schillaci, G, PUCCI, GIACOMO, MANNARINO, MASSIMO RAFFAELE, Fabbriani, G, Avenia, N, Monacelli, M, Scarponi, AM, PIRRO, Matteo, MANNARINO, Elmo (2008).</p>

		Aortic Stiffness: A Reversible Marker of Cardiovascular Risk in Primary Hyperparathyroidism?. DIFFUSION, vol. 118, p. 732, ISSN: 0009-7322  Coming from the UNIPG Institutional Archive with code 11391/1391296
113	2008	Pucci, G, MANNARINO, MASSIMO RAFFAELE, Sperandini, L, Helou, J, Savarese, G, PIRRO, Matteo, Schillaci, G, MANNARINO, Elmo (2008). Aortic stiffness in untreated adult patients with human immunodeficiency virus infection. ATHEROSCLEROSIS SUPPLEMENTS, VOL. 9(1), p. 184, ISSN: 1567-5688  Coming from the UNIPG Institutional Archive with code 11391/1391279
114	2008	Pucci, G, MANNARINO, MASSIMO RAFFAELE, Avenia, N, Monacelli, M, Fabbriani, G, PIRRO, Matteo, Scarponi, AM, Schillaci, G, MANNARINO, Elmo (2008). Aortic Stiffness: A Reversible Marker of Cardiovascular Risk in Primary Hyperparathyroidism?. ATHEROSCLEROSIS SUPPLEMENTS, VOL. 9(1), p. 149, ISSN: 1567-5688  Coming from the UNIPG Institutional Archive with code 11391/1391280
115	2008	PIRRO, Matteo, MANNARINO, MASSIMO RAFFAELE, Helou R, FABBRICIANI, GIANLUIGI, Leli C, CALLARELLI, LAURA, Manfredelli MR, Scarponi AM, MANNARINO, Elmo (2008). Circulating osteogenic cells as one of the main determinants of arterial stiffening in post-menopausal osteoporosis. NMCD. NUTRITION METABOLISM AND CARDIOVASCULAR DISEASE, Vol. 18, ISSN: 0939-4753  Coming from the UNIPG Institutional Archive with code 11391/914751
116	2008	PASQUALINI, Leonella, PIRRO, Matteo, BAGAGLIA, FRANCESCO, SIEPI, Donatella, GAGGIOLI, STEFANO, Kouadio BPR, Paoletti L, Razzi R, Innocente S, MANNARINO, MASSIMO RAFFAELE (2008). Effects of exercise on circulating endothelial progenitor cells in patients with intermittent claudication. NMCD. NUTRITION METABOLISM AND CARDIOVASCULAR DISEASE, ISSN: 0939-4753  Coming from the UNIPG Institutional Archive with code 11391/148784
117	2008	PIRRO, Matteo, Vaudo, G, Alaeddin, A, BAGAGLIA, FRANCESCO, Paoletti, L, Razzi, R, MANNARINO, MASSIMO RAFFAELE, Schillaci, G, MANNARINO, Elmo (2008). Effects of low-grade systemic inflammation on endothelial microparticle levels in subjects at increased cardiovascular risk. EUROPEAN JOURNAL OF INTERNAL MEDICINE, Vol. 19, p. 8, ISSN: 0953-6205  Coming from the UNIPG Institutional Archive with code 11391/1391278
118	2008	PIRRO, Matteo, Vaudo, G, Alaeddin, A, BAGAGLIA, FRANCESCO, Paoletti, L, Razzi, R, MANNARINO, MASSIMO RAFFAELE, Schillaci, G, MANNARINO, Elmo (2008). Effects of low-grade systemic inflammation on endothelial microparticle levels in subjects at increased cardiovascular risk. ATHEROSCLEROSIS SUPPLEMENTS, VOL. 9(1), p. 163-164, ISSN: 1567-5688  Coming from the UNIPG Institutional Archive with code 11391/1391415
119	2008	MANNARINO, MASSIMO RAFFAELE, Helou, R, Covelli, D, Pucci, G, Schillaci, G, PIRRO, Matteo (2008). Influence of visceral fat on metabolic profile and early vascular damage in dyslipidemic patients. NMCD. NUTRITION METABOLISM AND CARDIOVASCULAR DISEASE, Vol. 18(1), p. 50, ISSN: 0939-4753  Coming from the UNIPG Institutional Archive with code 11391/1391288
120	2008	Pucci, G, Mannarino, Massimo Raffaele, Pirro, Matteo, Helou, J, Pasqualini, L, Innocente, I, Schillaci, G. (2008). Is brachial artery diameter an early index of organ damage in hypertension?. NMCD. NUTRITION METABOLISM AND CARDIOVASCULAR DISEASE, Vol. 18(1), p. 56, ISSN: 0939-4753  Coming from the UNIPG Institutional Archive with code 11391/1391285
121	2008	Pucci, G, PIRRO, Matteo, MANNARINO, MASSIMO RAFFAELE, Hijazi, R, Helou, R, Schillaci, G. (2008). Serum cholesterol concentration is inversely related to left ventricular systolic and diastolic function in young hypertensive patients. NMCD. NUTRITION METABOLISM AND CARDIOVASCULAR DISEASE, Vol. 18(1), p. 56, ISSN: 0939-4753

		Coming from the UNIPG Institutional Archive with code 11391/1391284
122	2008	Pucci, G, Mannarino, Massimo Raffaele, Pirro, Matteo, Helou, J, Schillaci, G. (2008). Short-term blood pressure variability is an independent determinant of great artery stiffness. NMCD. NUTRITION METABOLISM AND CARDIOVASCULAR DISEASE, Vol. 18(1), p. 56, ISSN: 0939-4753  Coming from the UNIPG Institutional Archive with code 11391/1391287
123	2008	MANNARINO, MASSIMO RAFFAELE, PIRRO, Matteo, Helou, J, Vaudo, G, BAGAGLIA, FRANCESCO, Angeli, M, Schillaci, G, MANNARINO, Elmo (2008). The effect of age on the ratio of endothelial progenitor cells to left ventricular mass in normotensive subjects. NMCD. METABOLISM OF NUTRITION AND CARDIOVASCULAR DISEASES, Vol. 18(1), p. 14, ISSN: 0939-4753  Coming from the UNIPG Institutional Archive with code 11391/1391283
124	2008	FABBRICIANI, GIANLUIGI, PIRRO, Matteo, MANNARINO, MASSIMO RAFFAELE, Leli C, CALLARELLI, LAURA, Scarponi AM, MANNARINO, Elmo (2008). Visceral fat helps increase bone mineral density in postmenopausal osteoporosis. OSTEOPOROSIS INTERNATIONAL, vol. 19, ISSN: 0937-941X  Coming from the UNIPG Institutional Archive with code 11391/914750
125	2008	Scarponi AM, PIRRO, Matteo, FABBRICIANI, GIANLUIGI, MANNARINO, MASSIMO RAFFAELE, Leli C, CALLARELLI, LAURA, MANFREDELLI, MARIA ROSARIA, Brozzetti M, MANNARINO, Elmo (2008). Visceral fat increases bone mineral density and the risk of vertebral fractures in postmenopausal osteoporosis. CLINICAL CASES OF MINERAL AND BONE METABOLISM, ISSN: 1724-8914  Coming from the UNIPG Institutional Archive with code 11391/1038640
126	2007	Pucci G, PASQUALINI, Leonella, MANNARINO, MASSIMO RAFFAELE, PIRRO, Matteo, Coscia F, MANNARINO, Elmo, Schillaci G. (2007). Aerobic exercise reduces aortic stiffness in untreated patients with mild essential hypertension. ARTERIAL HYPERTENSION AND CARDIOVASCULAR PREVENTION, ISSN: 1120-9879  Coming from the UNIPG Institutional Archive with code 11391/1038889
127	2007	Pucci, G, MANNARINO, MASSIMO RAFFAELE, Sperandini, L, Helou, J, Savarese, G, PIRRO, Matteo, Schillaci, G, MANNARINO, Elmo (2007). Aortic stiffness in untreated adult patients with human immunodeficiency virus infection. NMCD. NUTRITION METABOLISM AND CARDIOVASCULAR DISEASE, Vol. 18(1), p. 19, ISSN: 0939-4753  Coming from the UNIPG Institutional Archive with code 11391/1391272
128	2007	Pucci, G, MANNARINO, MASSIMO RAFFAELE, Avenia, N, Monacelli, M, Fabbriciani, G, PIRRO, Matteo, Scarponi, A, Schillaci, G, MANNARINO, Elmo (2007). Aortic Stiffness: A Reversible Marker of Cardiovascular Risk in Primary Hyperparathyroidism?. NMCD. METABOLISM OF NUTRITION AND CARDIOVASCULAR DISEASES, vol. 18(1), p. 20, ISSN: 0939-4753  Coming from the UNIPG Institutional Archive with code 11391/1391275
129	2007	PIRRO, Matteo, VAUDO, Gaetano, ALAEDDIN, ABDALKADER, Bagaglia F, Paoletti L, Razzi R, MANNARINO, MASSIMO RAFFAELE, Schillaci G, MANNARINO, Elmo (2007). Effects of low-grade systemic inflammation on endothelial microparticle levels in subjects at increased cardiovascular risk. EUROPEAN JOURNAL OF INTERNAL MEDICINE, ISSN: 0953-6205  Coming from the UNIPG Institutional Archive with code 11391/1038897
130	2007	PIRRO, Matteo, Vaudo, G, MANNARINO, MASSIMO RAFFAELE, BAGAGLIA, FRANCESCO, Angeli, M, Razzi, R, Schillaci, G, MANNARINO, Elmo (2007). Effects of low-grade systemic inflammation on endothelial progenitor cell survival in subjects at increased cardiovascular risk. NMCD. NUTRITION METABOLISM AND CARDIOVASCULAR DISEASES, vol. 18(1), p. 18, ISSN: 0939-4753  Coming from the UNIPG Institutional Archive with code 11391/1391270
131	2007	MANNARINO, MASSIMO RAFFAELE, PIRRO, Matteo, BAGAGLIA, FRANCESCO,

		Menecali, C, Paltriccia, R, Schillaci, G, MANNARINO, Elmo (2007). Endothelial progenitor cells and endothelial-derived microparticles in hypertriglyceridemia: the effect of metabolic syndrome. <i>ATHEROSCLEROSIS SUPPLEMENTS</i> , VOL. 8(1), p. 6, ISSN: 1567-5688  Coming from the UNIPG Institutional Archive with code 11391/1391264
132	2007	MANNARINO, MASSIMO RAFFAELE, PIRRO, Matteo, Romagno PF, Bagaglia F, MANNARINO, Elmo (2007). Influence of short-term rosuvastatin therapy on endothelial progenitor cells and endothelial function. <i>JOURNAL OF CLINICAL LIPIDOLOGY</i> , ISSN: 1933-2874  Coming from the UNIPG Institutional Archive with code 11391/1038886
133	2007	Lupattelli, G, Schillaci, G, Siepi, D, Pucci, G, Mannarino, Massimo Raffaele, Helou, J, PIRRO, Matteo, MANNARINO, Elmo (2007). Inverse relationship between serum adiponectin and left ventricular mass in hypertensive women. <i>ATHEROSCLEROSIS SUPPLEMENTS</i> , VOL. 8(1), p. 159, ISSN: 1567-5688  Coming from the UNIPG Institutional Archive with code 11391/1391269
134	2007	Schillaci, G, PIRRO, Matteo, Pucci, G, MANNARINO, MASSIMO RAFFAELE, Gemelli, F, Lupattelli, G, MANNARINO, Elmo (2007). Inverse relationship between serum cholesterol concentration and left ventricular function in young hypertensive patients. <i>ATHEROSCLEROSIS SUPPLEMENTS</i> , VOL. 8(1), p. 149, ISSN: 1567-5688  Coming from the UNIPG Institutional Archive with code 11391/1391267
135	2007	Schillaci G, PIRRO, Matteo, Pucci G, MANNARINO, MASSIMO RAFFAELE, Sperandini L, VAUDO, Gaetano, MANNARINO, Elmo (2007). Joint Effects of In-Office and Off-Site Blood Pressure on Aortic Stiffness. <i>ARTERIAL HYPERTENSION AND CARDIOVASCULAR PREVENTION</i> , ISSN: 1120-9879  Coming from the UNIPG Institutional Archive with code 11391/1038894
136	2007	PIRRO, Matteo, Bagaglia F, MANNARINO, MASSIMO RAFFAELE, Schillaci G, MANNARINO, Elmo (2007). The relationship between endothelial progenitor cells, their apoptotic microparticles, and Framingham risk. <i>JOURNAL OF CLINICAL LIPIDOLOGY</i> , ISSN: 1933-2874  Coming from the UNIPG Institutional Archives with code 11391/1038887
137	2007	PIRRO, Matteo, BAGAGLIA, FRANCESCO, C. Menecali, MANNARINO, MASSIMO RAFFAELE, VAUDO, Gaetano, G. Schillaci, MANNARINO, Elmo (2007). WO6-OR-4 THE RELATIONSHIP BETWEEN ENDOTHELIAL PROGENITOR CELLS, THEIR APOPTOTIC MICROPARTICLES, AND FRAMINGHAM RISK. <i>ATHEROSCLEROSIS SUPPLEMENTS</i> , VOL. 8, ISSN: 1567-5688, doi: 10.1016/S1567-5688(07)70968-6  Coming from the UNIPG Institutional Archive with code 11391/1154876
138	2006	Pucci, G, MANNARINO, MASSIMO RAFFAELE, Lupattelli, G, Helou, J, Savarese, G, PIRRO, Matteo, Schillaci, G, MANNARINO, Elmo (2006). Height-based adjustment improves the correlation of waist circumference with subclinical organ damage in hypertensive men. <i>NMCD. METABOLISM OF NUTRITION AND CARDIOVASCULAR DISEASES</i> , vol. 16(1), p. 16, ISSN: 0939-4753  Coming from the UNIPG Institutional Archive with code 11391/1391255
139	2006	MANNARINO, MASSIMO RAFFAELE, G. Schillaci, M. Pirro, G. Pucci, G. Savarese, VAUDO, Gaetano, PASQUALINI, Leonella, E. Mannarino (2006). Age-specific relationship between aortic pulse wave velocity and left ventricular geometry and function in hypertension. <i>ATHEROSCLEROSIS SUPPLEMENTS</i> , VOL. 7, ISSN: 1567-5688, doi: 10.1016/S1567-5688(06)81088-3  Coming from the UNIPG Institutional Archive with code 11391/571697
140	2006	PIRRO, Matteo, Menecali, C, BAGAGLIA, FRANCESCO, MANNARINO, MASSIMO RAFFAELE, Siepi, D, Schillaci, G, MANNARINO, Elmo (2006). The expression of HOXA9 and FLK1 in CD34+ peripheral cells of hypertensive patients correlates with the number of circulating endothelial progenitor cells. <i>DIFFUSION</i> , vol. 114, p. 130, ISSN: 0009-7322

		Coming from the UNIPG Institutional Archive with code 11391/1391259
141	2006	PIRRO, Matteo, Menecali, C, BAGAGLIA, FRANCESCO, MANNARINO, MASSIMO RAFFAELE, Schillaci, G, MANNARINO, Elmo (2006). The expression of HOXA9 and FLK1 in CD34+ peripheral cells of hypertensive patients correlates with the number of circulating endothelial progenitor cells. <i>ATHEROSCLEROSIS</i> , vol. 7(3), p. 23, ISSN: 1879-1484
		Coming from the UNIPG Institutional Archive with code 11391/1391248
142	2006	BAGAGLIA, FRANCESCO, PIRRO, Matteo, Pasqualini, L, Menecali, C, Razzi, R, MANNARINO, MASSIMO RAFFAELE, Schillaci, G, MANNARINO, Elmo (2006). Formation of mature endothelial microparticles and loss of endothelial progenitor cells following lower extremity ischemia in patients with peripheral arterial disease. <i>NMCD. METABOLISM OF NUTRITION AND CARDIOVASCULAR DISEASES</i> , Vol. 16(1), p. 1, ISSN: 0939-4753
		Coming from the UNIPG Institutional Archive with code 11391/1391250
143	2006	Menecali, C, PIRRO, Matteo, BAGAGLIA, FRANCESCO, Siepi, D, Razzi, R, MANNARINO, MASSIMO RAFFAELE, Schillaci, G, MANNARINO, Elmo (2006). Risk factors related to metabolic syndrome promote the loss of circulating endothelial progenitor cells and their fragmentation into microparticles. <i>NMCD. METABOLISM OF NUTRITION AND CARDIOVASCULAR DISEASES</i> , vol. 16(1), p. 13, ISSN: 0939-4753
		Coming from the UNIPG Institutional Archives with code 11391/1391253
144	2006	MANNARINO, MASSIMO RAFFAELE, Schillaci, G, Pucci, G, Savarese, G, Vaudo, G, PIRRO, Matteo, MANNARINO, Elmo (2006). White coat hypertension and stiffness of the great arteries. <i>NMCD. NUTRITION METABOLISM AND CARDIOVASCULAR DISEASE</i> , Vol. 16(1), p. 12, ISSN: 0939-4753
		Coming from the UNIPG Institutional Archive with code 11391/1391254
145	2005	MANNARINO, MASSIMO RAFFAELE, PIRRO, Matteo, Pucci, G, Savarese, G, Vaudo, G, Pasqualini, L, Schillaci, G. (2005). Age-specific relationship between aortic pulse wave velocity and left ventricular geometry and function in hypertension. <i>NMCD. NUTRITION METABOLISM AND CARDIOVASCULAR DISEASE</i> , Vol. 15(1), p. 17, ISSN: 0939-4753
		Coming from the UNIPG Institutional Archive with code 11391/1391238
146	2005	Savarese, G, Schillaci, G, De Socio, Dvl, PIRRO, Matteo, MANNARINO, MASSIMO RAFFAELE, Baldelli, F, Stagni, G, MANNARINO, Elmo (2005). Impact of protease inhibitor treatment on aortic stiffness in adult patients with human immunodeficiency virus infection. <i>NMCD. NUTRITION METABOLISM AND CARDIOVASCULAR DISEASE</i> , Vol. 15(1), p. 26, ISSN: 0939-4753
		Coming from the UNIPG Institutional Archive with code 11391/1391414
147	2004	Vaudo, G, PIRRO, Matteo, Marchesi, S, Gerli, R, Mannarino, Massimo Raffaele, Schillaci, G, MANNARINO, Elmo (2004). CD4+ T cell expansion and early atherosclerotic disease in rheumatoid arthritis. <i>ATHEROSCLEROSIS SUPPLEMENTS</i> , VOL. 5(1), p. 21, ISSN: 1567-5688
		Coming from the UNIPG Institutional Archives with code 11391/1391412
148	2004	MANNARINO, MASSIMO RAFFAELE, PIRRO, Matteo, Schillaci, G, Gemelli, F, Savarese, G, Lupattelli, G, MANNARINO, Elmo (2004). Effects of short-term rosuvastatin therapy on 3-nitrotyrosine and aortic stiffness in hypercholesterolemia. <i>NMCD. NUTRITION METABOLISM AND CARDIOVASCULAR DISEASES</i> , Vol. 14(5), p. 287, ISSN: 0939-4753
		Coming from the UNIPG Institutional Archive with code 11391/1391225
149	2004	PIRRO, Matteo, Savarese, G, MANNARINO, MASSIMO RAFFAELE, Siepi, D, Schillaci, G. (2004). Effects of metabolic syndrome on arterial stiffness in hypertensive subjects. <i>ATHEROSCLEROSIS SUPPLEMENTS</i> , VOL. 5(1), p. 21, ISSN: 1567-5688
		Coming from the UNIPG Institutional Archive with code 11391/1391236
150	2004	MANNARINO, MASSIMO RAFFAELE, Scarponi AM, Savarese G, Fiordiponti B, PIRRO,

		Matteo (2004). Increased arterial stiffness in postmenopausal women with low bone mineral density. NMCD. METABOLISM OF NUTRITION AND CARDIOVASCULAR DISEASES, Vol. 14, ISSN: 0939-4753  Coming from the UNIPG Institutional Archive with code 11391/914723
151	2004	Vaudo, G, Marchesi, S, Schillaci, G, Gerli, R, Ventra, S, Scarponi, AM, PIRRO, Matteo, Siepi, D, MANNARINO, MASSIMO RAFFAELE, MANNARINO, Elmo (2004). Preclinical atherosclerotic damage in Sjogren's disease. NMCD. NUTRITION METABOLISM AND CARDIOVASCULAR DISEASE, Vol. 14(5), p. 294, ISSN: 0939-4753  Coming from the UNIPG Institutional Archive with code 11391/1391235
152	2004	Savarese, G, Schillaci, G, PIRRO, Matteo, MANNARINO, MASSIMO RAFFAELE, Pucci, G, Lupattelli, G, Pasqualini, L, MANNARINO, Elmo (2004). Renal dysfunction as an independent predictor of arterial stiffness in essential hypertension. NMCD. METABOLISM OF NUTRITION AND CARDIOVASCULAR DISEASES, vol. 14(5), p. 289, ISSN: 0939-4753  Coming from the UNIPG Institutional Archive with code 11391/1391231
153	2004	Pasqualini, L, SCHILLACI, Giuseppe, Vaudo, G, Gemelli, F, PIRRO, Matteo, MANNARINO, MASSIMO RAFFAELE, Savarese, G, Marchesi, S, MANNARINO, Elmo (2004). Serum creatinine predicts all-cause and cardiovascular mortality in patients with peripheral arterial disease. NMCD. NUTRITION METABOLISM AND CARDIOVASCULAR DISEASE, Vol. 14(5), p. 288, ISSN: 0939-4753  Coming from the UNIPG Institutional Archive with code 11391/1391228
154	2003	PIRRO, Matteo, Schillaci, G, Savarese, G, Gemelli, F, MANNARINO, MASSIMO RAFFAELE, Siepi, D, MANNARINO, Elmo (2003). Metabolic syndrome impairs arterial distensibility in essential hypertension. NMCD. NUTRITION METABOLISM AND CARDIOVASCULAR DISEASE, Vol. 13, p. 315, ISSN: 0939-4753  Coming from the UNIPG Institutional Archive with code 11391/1391211

### Scientific Treatise

MANNARINO, Elmo, PIRRO, Matteo, MANNARINO, MASSIMO RAFFAELE (2016). Hypercholesterolemia and hypertriglyceridemia: mixed or combined hyperlipemia?. Springer Healthcare Italia, ISBN: 9788867562435

## NATIONAL AND INTERNATIONAL CONGRESS ACTIVITIES

### Organization or participation as a speaker at scientific conferences in Italy and abroad

- Participation in a national scientific conference. Poster presentation at the XVIII SISA National Congress on the theme: "Increased arterial stiffness in post-menopausal women with low bone mineral density". Palermo, 26-29 November 2004.
- Oral communication at the XVIII SISA National Congress on the topic: "Effects of short term rosuvastatin therapy on 3-nitrotyrosine and aortic stiffness in hypercholesterolemia." Palermo, 26-29 November 2004.
- Oral communication at the XIX SISA National Congress on the topic: "Age-specific relationship between aortic pulse wave velocity and left ventricular geometry and function in hypertension", Venice 23-26 November 2005.
- Participation as an invited speaker at a national scientific conference. Report at the Conference "Cardio-vascular risk" on the theme: "The stiffness of the arterial wall". Paola (Cosenza), 01 April 2006.
- Poster presentation at the "XIV International Symposium on Atherosclerosis" on the topic: "Age-specific relationship between aortic pulse wave velocity and left ventricular geometry and function in hypertension". Rome, 18-22 June 2006.
- XXIII National Congress of the Italian Society of Arterial Hypertension. Oral communication on the topic: "The relationship between aortic sphygmocentric wave velocity, geometry and left ventricular function is age-dependent." Rome, 29 September - 2 October 2006.
- Participation in a national scientific conference. XX National Congress of the Italian Society for the Study of Atherosclerosis. Oral communication on the topic: "White-coat hypertension and large-artery stiffness." Bologna, 16-19 November 2006.
- Participation as a speaker at a national scientific conference. Invited lecture at the Training Course of the Italian Society of Cardiovascular Prevention (S.I.PRE.C.) on the topic "Metabolic Syndrome: diagnosis and clinical management". Perugia, 17 February 2007
- Oral communication at the 76th International Congress of the European Atherosclerosis Society on the topic: "Endothelial progenitor cells and endothelial-derived microparticles in hypertriglyceridemia: the effect of the metabolic syndrome". Helsinki, 10-13 June 2007.
- International Conference. "International Symposium on Drugs Affecting Lipid Metabolism". Oral communication on the topic: "Influence of short-term rosuvastatin therapy on endothelial progenitor cells and endothelial function". New York, NY, USA 4-7 October 2007.
- Poster presentation at the 108th National Congress of the Italian Society of Internal Medicine on the topic: "Effect of Rosuvastatin on endothelial function and number of circulating endothelial progenitors". Rome, 20-23 October 2007.
- XXI National Congress of the Italian Society for the Study of Atherosclerosis (SISA). Oral communication on the topic: "Effects of low-grade systemic inflammation on

endothelial progenitor cells survival in subjects at increased cardiovascular risk." Perugia, 21-24 November 2007.

- XXI National Congress of the Italian Society for the Study of Atherosclerosis (SISA). Oral lecture on the topic: "The effect of age on the relationship between endothelial progenitor cells and left ventricular mass in normotensive subjects." Perugia, 21-24 November 2007.
- Participation as a speaker at a national scientific conference. Invited report at the Conference "Cardio-vascular risk" on the theme: "Diagnostic and therapeutic pathways in the field of diabetes and hypertension". Paola (CS), 15 March 2008.
- International Conference. Oral communication at the "7th Congress of the European Federation of Internal Medicine" on the topic: "Effects of low-grade systemic inflammation on the survival of endothelial progenitor cells in subjects at increased cardiovascular risk". Rome, 07-10 May 2008.
- National Congress. Oral communication at the XXII SISA National Congress on the topic: "Influence of visceral fat on metabolic profile and early vascular damage in dyslipidemic patients". Rome, 16-19 November 2008.
- National Congress. Poster presentation at the XXII SISA National Congress on the theme: "Effects of exercise training on circulating endothelial progenitor cells in patient with intermittent claudication". Rome, 19-22 November 2008.
- National Congress. Poster presentation at the XXII SISA National Congress on the theme: "Circulating osteogenic cells as a major determinant of arterial stiffening in post-menopausal osteoporosis". Rome, 19-22 November 2008.
- National Conference. Invited report at the Congress of the Italian Society for the Study of Arteriosclerosis -sect. Umbria on the theme "Cardiovascular prevention: from theory to practice". Perugia, 14 May 2009.
- Participation as an invited speaker at a national scientific conference. Invited report at the Conference "Cardio-vascular risk" on the theme: "The integrated management of the dysmetabolic patient". Paola (CS), 16 May 2009.
- Participation in a national scientific conference. Oral communication at the 111th National Congress of the Italian Society of Internal Medicine on the topic: "Increased cholesterol synthesis in visceral adiposity" - Rome, October 17, 2010.
- National Congress. Invited report at the SISA – SIO - Umbria section "The multidisciplinary approach to the obese patient" on the theme "Methods for measuring visceral fat". Perugia, 16 December 2011.
- Participation as an invited speaker at a national scientific conference. Invited report at the Conference "Obesity: a multidisciplinary approach" on the topic "Methods for measuring visceral fat". Assisi, 19 March 2012.
- Participation as an invited speaker at a national scientific conference. Report at the Conference "Familial dyslipidemias: an iceberg to be discovered" on the topic "Familial dyslipidemias and hypercholesterolemia". Perugia, 28 April 2012.

- Participation in a national scientific conference. 113th National Congress of the Italian Society of Internal Medicine. Oral communication on the topic: "Hepatic steatosis and indicators of preclinical atherosclerosis" Rome 20 - 22 October 2012.
- Conference of the Italian Society for the Study of Atherosclerosis "Familial dyslipidemias: an iceberg to be discovered". Invited lecture on "the management of patients with suspected familial dyslipidemia". Città di Castello 15 December 2012
- National Congress. Invited report at the Congress of the Italian Society for the Study of Arteriosclerosis - Umbria section "New strategies for the prevention and therapy of cardiovascular diseases" on the theme: "Nutraceuticals: an opportunity in the treatment of dyslipidemias". Perugia, 19 September 2013
- Participation as an invited speaker at a national scientific conference. Report at the conference Endocrinological Day - Tyrrhenian Internal Medicine - on the theme "Diabetic dyslipidemia". Paola (CS), 12 October 2013.
- Report at the Conference "The patient at cardiovascular risk: from therapeutic options to economic considerations" on the topic "Cardio-metabolic risk assessment". Perugia 10-11 April 2014.
- Participation as an invited speaker at a national scientific conference. Congress of the "Italian Society for the Study of Arteriosclerosis - Umbrian Section". Invited lecture on the topic: "Nutraceuticals and correction of cardio-metabolic risk". Perugia, 5 July 2014
- Invited report at the Conference "The patient at high cardiovascular risk" on the topic "The treatment of dyslipidemia in low-risk patients: how and when to treat". Spoleto 11-12 July 2014.
- Conference "Osteoporosis 2014" sponsored by the Italian Society of Osteoporosis, Mineral Metabolism and Skeletal Diseases (SIOMMMS) Invited lecture on the topic "Metabolic syndrome and bone: what correlations?". Perugia, 11 September 2014.
- 28th National Congress of the Italian Society for the Study of Arteriosclerosis. Invited lecture on the topic: "Nutraceuticals and cardiometabolic risk: an Italian study." Rome, 23-25 November 2014.
- Conference "Osteoporosis 2015" sponsored by the Italian Society of Osteoporosis, Mineral Metabolism and Skeletal Diseases (SIOMMMS). Invited lecture on "The diet of the osteoporotic patient". Perugia 25 September 2015
- Invited report at the Congress of the Italian Society for the Study of Arteriosclerosis - sect. Umbra on the topic: "Double inhibition: alternative to high doses of statins in the high-risk patient?". Perugia, 02 October 2015
- Participation as a speaker at a national scientific conference. Invited report at the Conference "Are we what we eat? Nutrition and its disorders" on the theme "Can food be a drug?". Assisi, 21 November 2015.
- Poster presentation at the XXIX SISA National Congress on the theme: "Immune-derived microparticles and pre-clinical atherosclerosis in dyslipidemic and very obese patients". Bologna, 22-24 November 2015.

- Invited report at the Conference "The patient at high cardiovascular risk: the most appropriate therapy between benefit and prescriptive appropriateness" on the topic "Note 13 and prescriptive appropriateness". Torgiano (PG) 13-14 May 2016.
- Conference "Osteoporosis 2016" sponsored by the Italian Society of Osteoporosis, Mineral Metabolism and Skeletal Diseases (SIOMMMS). Invited lecture on "Osteoporosis and cardio-vascular diseases: from pathophysiology to the clinic". Perugia, 15 September 2016.
- Participation as a speaker at a national scientific conference. Congress of the Italian Society for the Study of Arteriosclerosis - Umbria section. Invited lecture on the topic: "Lifestyle or nutraceuticals: what to prefer". Perugia, 21 September 2016.
- Congress of the Italian Society for the Study of Arteriosclerosis – Liguria - Piedmont - Val d'Aosta section. Invited report on the topic: "SISA Position Statement on the use of Nutraceuticals in the treatment of dyslipidemias". Pollenzo (CN) 05 November 2016.
- National Conference. Invited lecture at the conference "Cardio-renal disease in the ICU" sponsored by the Italian Society of Nephrology and the Atherosclerosis, Thrombosis, Vascular Biology Study Group on the topic "Lipid-lowering therapy after ACS in renal failure: the role of PCSK9 inhibitors". Perugia 20/21, January 2017.
- Participation as organizer in a national scientific conference. Report and coordination of working groups of the "PrEVENT Project" on the topic "- Patients with different degrees of CV risk: what objectives" - Florence 16/17 June 2017.
- Responsible for the scientific organization of the national scientific conference "PrEVENT Project" on the topic "- Patients with different degrees of CV risk: what objectives" - Florence 16/17 June 2017
- Convegno internazionale. Relazione su invito all'"INTERNATIONAL WORKSHOP ON PREVENTION OF CARDIOVASCULAR RISK" sul tema "Recommended goals of cholesterol-lowering therapy". Salalah, Oman, 15 luglio 2017
- Participation as a lecturer in the "Neurological Emergencies" Training Course of the Perugia Hospital. from 2017-07-18 to 2017-11-28
- Congress of the Italian Society for the Study of Arteriosclerosis and of the Italian Society of Obesity - Umbria section. on the topic "New acquisitions in the field of metabolic and vascular diseases". Invited lecture entitled "Functional foods and nutraceuticals in the treatment of hypercholesterolemia" Perugia, 6-7 October 2017.
- National Congress of the Italian Society for the Study of Arteriosclerosis (SISA). Invited lecture on the topic: "THE ROLE OF NUTRACEUTICALS IN CARDIOVASCULAR PREVENTION" Report entitled: "New evidence in patients with HIV". Palermo, 19-21 November 2017
- Participation as a speaker at national scientific conferences. Invited report entitled "Metabolic effects of physical activity" at the regional conference on "PHYSICAL ACTIVITY, HEALTH AND WELL-BEING. From the new regional law to future opportunities for Umbria" PERUGIA – 25 NOVEMBER 2017

- Spring Meeting of the Young Researchers groups of the Italian Society for the Study of Arteriosclerosis (SISA), the Italian Society of Arterial Hypertension (SIIA) and the Italian Society of Internal Medicine (SIMI). Invited moderation on the topic: new diagnostic and therapeutic perspectives. Rimini, 6-7 April 2018.
- XV ROMACUORE. Invited lecture (Lecture) on the topic: Supplements and the cardiovascular system. Event sponsored by Sapienza University of Rome, University of Tor Vergata, Policlinico Umberto Primo University of Rome, Magna Grecia University of Catanzaro - Rome, 8-10 November 2018
- Participation as an invited speaker at a scientific conference. XL NATIONAL CONGRESS OF THE ITALIAN SOCIETY OF ANGIOLOGY AND VASCULAR PATHOLOGY (SIAPAV). Invited lecture on the topic: Statins and peripheral arterial disease. Cagliari 22-24 November 2018.
- 32nd National Congress of the Italian Society for the Study of Atherosclerosis (SISA). Invited moderation on the topic: Non-traditional cardiovascular risk factors. Bologna, 25-27 November 2018.
- Spring Meeting of the Young Researchers groups of the Italian Society for the Study of Arteriosclerosis (SISA), the Italian Society of Arterial Hypertension (SIIA) and the Italian Society of Internal Medicine (SIMI). Invited lecture on: Infectious diseases, HIV and cardiovascular risk. Rimini 28 February - 2 March 2019.
- Spring Meeting of the Young Researchers groups of the Italian Society for the Study of Arteriosclerosis (SISA), the Italian Society of Arterial Hypertension (SIIA) and the Italian Society of Internal Medicine (SIMI). Moderator by invitation Poster session. Rimini 28 February - 2 March 2019.
- Participation as an invited speaker at a scientific conference. National Congress of the Italian Society for Cardiovascular Prevention (SIPREC). Invited lecture on the topic: SIPREC 2019 document: nutraceuticals, Naples 21-23 March 2019.
- Joint Conference of the Italian Society for the Study of Atherosclerosis (SISA), the Italian Society of Cardiovascular Prevention (SIPREC) and the Italian Society of Nutraceuticals, Perugia – Atherosclerotic Vasculopathies with an Internal Background. Invited lecture on the topic: Nutraceuticals and cholesterol: rationale and evidence. Perugia 24/25 May 2019.
- Joint Conference of the Italian Society for the Study of Atherosclerosis (SISA), the Italian Society of Cardiovascular Prevention (SIPREC) and the Italian Society of Nutraceuticals, Perugia – Atherosclerotic Vasculopathies with an Internal Background. Discussant on the topic: Type 2 diabetes mellitus. Perugia 24/25 May 2019.
- Scientific coordinator of a national scientific conference. Theoretical-practical course on the topic: "Non-Invasive ventilation in the COVID 19 era" at the University of Perugia. Perugia, 15 December 2020.
- Lecture entitled "Ezetimibe: clinical and prescriptive appropriateness" at the conference Conference of the Italian Society for the Study of Atherosclerosis (SISA), Perugia - Atherosclerotic Vasculopathies with an Internal Background, IIth edition. Perugia, 16-18 April 2021.

- Scientific coordinator of a national scientific conference. Scientific Coordinator of the Conference of the Italian Society for the Study of Atherosclerosis (SISA), Perugia – Atherosclerotic Vasculopathies with Internal Medicine, IIth edition. Perugia, 16-18 April 2021.
- Invited report at the 35th National Congress of the Italian Society for the Study of Atherosclerosis (SISA) entitled "WHAT TO DO IN PATIENTS AT LOW CARDIOVASCULAR RISK" - virtual edition - live streaming - on demand - 28 November 2021 - 28 February 2022
- Invited lecture entitled "The pathways that lead to residual risk: solutions – Clinical case" - at the theoretical-practical residential course entitled "Trajectories of lipid-lowering intervention between action and communication" - Starhotel Excelsior - Bologna, 13-14 May 2022.
- Scientific coordinator of a national scientific conference. Scientific coordinator of the Conference entitled "The multi-disciplinary management of complex internal medicine patients" held in Todi (PG) on 27 and 28 May 2022.
- Lecture entitled: "Cholesterol and the brain: a controversial report" at the conference "The multidisciplinary management of the complex internal medicine patient" held in Todi (PG) on 27 and 28 May 2022. from 2022-05-27 to 2022-05-28.
- Invited lecture entitled "The pathways that lead to residual risk: solutions – Clinical case" - at the theoretical-practical residential course entitled "Trajectories of lipid-lowering intervention between action and communication" - Rome, 9-10 June 2022
- Invited report entitled "Gender differences in cardiovascular risk" at the Congress of the Federation of Associations of Hospital Managers and Internists (FADOI) and the National Association of Medical Nurses (ANiMO) - Umbria Regional Section, Foligno, 10-11 June 2022
- Invited moderation on the topic "Dyslipidemia and Cardiovascular Risk" at S.I.S.A – LIPID ACADEMY - 6° ADVANCED COURSE IN CLINICAL LIPIDOLOGY of the Italian Society for the Study of Arteriosclerosis - Modena, 7-9 July 2022.
- Invited moderator at the 36th National Congress of the Italian Society for the Study of Atherosclerosis (SISA) in the session "Oral Communications" -Rome, 27-29 November 2022.
- Invited report at the Congress "CARDIOGROCCO 2022\_ NOT ONLY COVID", entitled: "the promises of bempedoic acid". Perugia, 3 December 2022.
- Participation by invitation as SPEAKER and MODERATOR at the residential course entitled "TRAJECTORIES OF LIPID-LOWERING INTERVENTION: BETWEEN ACTION AND COMMUNICATION". Bari, Hotel Villa Romanazzi Carducci; 17-18 February 2023.
- Participation by invitation as SPEAKER and MODERATOR at the residential course entitled "TRAJECTORIES OF LIPID-LOWERING INTERVENTION: BETWEEN ACTION AND COMMUNICATION". Rome, A. Roma Lifestyle Hotel 10-11 March 2023.

- Participation by invitation as **SPEAKER** and **MODERATOR** at the residential course entitled "TRAJECTORIES OF LIPID-LOWERING INTERVENTION: BETWEEN ACTION AND COMMUNICATION". Verona, Hotel Leon d'oro 12-13 May 2023.
- Invited report at the "CARDIOGROCCO 2023" Congress, entitled: "MONOTHERAPY AND COMBINATION THERAPY IN THE TREATMENT OF DYSLIPIDEMIAS". Perugia, 7 October 2023.
- Organized as Scientific Coordinator of the conference **PERUGIA V.A.S.I. Atherosclerotic Vasculopathies with Internal Background - IIIth Edition Regional Congress of the Italian Society for the Study of Atherosclerosis - Umbria Section**. Perugia, 03-04 November 2023.
- Report on the topic "The hypercholesterolemic patient: oral combination therapies: new starting point" conference **PERUGIA V.A.S.I. Atherosclerotic Vasculopathies with Internal Background - IIIth Edition Regional Congress of the Italian Society for the Study of Atherosclerosis - Umbria Section**. Perugia, 03-04 November 2023.
- Participation as co-discussant at the Marche regional table of the Italian Society of Medical Sciences (SISMED) within the **BACI (Bempedoic Acid) Project: "The dyslipidemic patient at high and very high cardiovascular risk"**.
- Invited Moderation at the 37th National Congress of the Italian Society for the Study of Atherosclerosis (SISA) in the session "Oral Communications" -Naples, 26-28 November 2023.
- Participation as Speaker in the **FIGHTING SUA** project in 2023: a renewed challenge to hyperuricemia. Perugia, 5 December 2023

## **AWARDS**

- "Astra-Zeneca" Award for the best oral communication at the XIX National Congress of the Italian Society for the Study of Arteriosclerosis. Venice/Mestre, 23-26 November 2005.
- "Young Investigator Poster Award" at the XIV Symposium on Atherosclerosis. Rome, Italy .June 18-22, 2006
- "S.I.S.A." Award for the best oral communication at the XX Congress of the National Italian Society for the Study of Arteriosclerosis. Bologna, 16-19 November 2006.
- "Astra-Zeneca" Award for the best abstract at the XXI National Congress of the Italian Society for the Study of Arteriosclerosis. Perugia, 21-24 November 2007.
- "S.I.S.A." Award for the best abstract at the XXII National Congress of the Italian Society for the Study of Arteriosclerosis. Rome, 19-22 November 2008

## CLINICAL-ASSISTANCE ACTIVITIES

- Medical Director at the Complex Structure of Internal Medicine of the Hospital of Perugia, responsible for Section D of the aforementioned Structure.
- Head of Clinical Risk of the Internal Medicine Complex of the Perugia Hospital from 2020 to date.
- Professional assignment on the "Clinical and therapeutic management of the critically ill patient" at the S.C. of Internal Medicine of the Hospital of Perugia from 2013 to date.
- Clinical activity at the Clinical Lipidology Center of the Internal Medicine, Angiology and Arteriosclerosis Diseases Section (Perugia Hospital), Monteluce Polyclinic and S. Maria della Misericordia Hospital, Perugia, from November 2003 to date.
- Clinical-assistance activity at the Center for Arterial Hypertension, Section of Internal Medicine, Angiology and Arteriosclerosis Diseases (Perugia Hospital), Monteluce Polyclinic and S. Maria della Misericordia Hospital, Perugia, from November 2003 to date.
- Clinical-assistance activity at the Center for the Study of Bone Metabolism and Skeletal Diseases of the Section of Internal Medicine, Angiology and Arteriosclerosis Diseases (Perugia Hospital), Monteluce Polyclinic and S. Maria della Misericordia Hospital, Perugia, from November 2003 to date.
- Clinical-assistance activity at the Center for Vascular Diseases, Section of Internal Medicine, Angiology and Arteriosclerosis Diseases (Perugia Hospital), Monteluce Polyclinic and S. Maria della Misericordia Hospital, Perugia, from November 2003 to date.
- Activity of internal ultrasound at the S.C. Internal Medicine, Angiology and Arteriosclerosis Diseases, University of Perugia - S. Maria della Misericordia Hospital, Perugia, from November 2003 to date.  
He has performed a total of over **5000** ultrasound examinations.
- Vascular diagnostics at the S.C. Internal Medicine, Angiology and Arteriosclerosis Diseases, University of Perugia - S. Maria della Misericordia Hospital, Perugia, from

November 2003 to date.

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- Evaluation of abdominal obesity by ultrasound quantification of visceral and subcutaneous fat and analysis of body composition by bioimpedancemetry. **Number of examinations performed: over 800.**
- Study of arterial stiffness (arterial waveform analysis, non-invasive calculation of central arterial pressure, measurement of aortic sphygmic wave conduction velocity and brachial artery). **Number of examinations performed: over 1000.**
- Study of endothelial dysfunction by measurement of flow-mediated vasoactivity of the brachial artery. **Number of examinations performed: over 700.**
- Assistance activity at the Emergency Medicine and Emergency Department of the "S. Giovanni Battista" Hospital in Foligno – ASL3 Umbria, from 15 May 2009 to date, as a PhD student in "Pathology and Clinic of Arteriosclerosis", University of Perugia.
- From 1 August 2009 to 31 August 2011, he worked as Medical Director of Emergency Medicine and Surgery at the Emergency Department of Assisi Hospital – ASL2 Umbria.
- Assistance activity for 5 years as a resident in Internal Medicine at the University of Perugia, at the S.C. of Internal Medicine Angiology and Arteriosclerosis Diseases, from November 2003 to November 2008.

## **SUMMARY**

Massimo Raffaele Mannarino has been Assistant Professor of Internal Medicine (scientific sector MED/09) since September 2011 at the University of Perugia and medical director at the S.C. of Internal Medicine of the S. Maria della Misericordia Hospital, Hospital of Perugia. He obtained the National Scientific Qualification for the role of Associate Professor in the Recruitment Sector 06/B1 - INTERNAL MEDICINE.

Born in Paola (CS) on 04/07/1979, he graduated in Medicine and Surgery with honors from the University of Perugia in 2003. He also graduated with honors in Internal Medicine in 2008 from the same university. His professional focus lies in diagnosing and treating lipid metabolism diseases, vascular conditions, arterial hypertension, bone metabolism disorders, and skeletal diseases.

He has authored over 150 publications in national and international journals, centering on the pathophysiology, clinical aspects, and therapies related to cardiovascular and dysmetabolic diseases. His research particularly emphasizes dyslipidemia, obesity, arterial hypertension, and cardiovascular prevention. He has presented his work at numerous national and international conferences and has undertaken research stays abroad.

His primary research areas encompass early identification and treatment of vascular and endothelial damage in arterial hypertension and dyslipidemia. This includes studying arterial wall stiffness, evaluating endothelial dysfunction, cellular pathophysiology of arteriosclerosis, mechanisms of cellular repair for vascular damage (with a specific focus on endothelial microparticles and circulating endothelial cell progenitors), and exploring the distribution of adipose tissue in the body, especially the impact of visceral adiposity on the development of atherosclerotic vascular damage.

He has served as a co-investigator in numerous Experimental Clinical Trials and currently holds the position of President of the Umbrian Regional Section of the Italian Society for the Study of Arteriosclerosis.