

Lorenzo Loffredo

Curriculum Vitae

Place: Rome
Date 26-06-2025

Part I – General Information

Full Name	Lorenzo Loffredo
Date of Birth	
Place of Birth	

Part II – Education

Type	Year	Institution	Notes (Degree, Experience)
University graduation	1999	Sapienza University of Rome	M.D. degree (110/110 cum laude)
	1999-2004	Sapienza University of Rome	Residency in Internal Medicine
	2000	Sapienza University of Rome	Medical authorization
	2001-2002	I.R.C.S.S. S. Lucia of Rome	Training course in cardio-pulmonary resuscitation
	2004	Sapienza University of Rome	Training statistical course in clinical medicine epidemiology
	2006	Sapienza University of Rome	Advanced training course in medical and surgical angiology.
Specialty	2004	Sapienza University of Rome	Specialization (70/70 cum laude) in Internal Medicine
Licensure 01	2000	Order of physicians of Rome	n. 501218
	2019	Sapienza University	Associate Professor in Internal Medicine, Sapienza University of Rome
National Scientific Qualification	2020		Internal Medicine
National Scientific Qualification	2023		General pediatrics, specialist pediatrics and child neuropsychiatry.

Part III – Appointments

IIIA – Academic Appointments

Start	End	Institution	Position
2008	2019	Sapienza University	Assistant Professor/researcher in Internal Medicine

2018	2025	Sapienza University	Associate Professor
2012	2013	Sapienza University - Bracciano	Coordinator of the Integrated Course of Geriatrics III, year I semester – (degree course Physiotherapy "H").
2013	2015	Sapienza University - Pozzilli	Coordinator of the Integrated Course of nursing in critical area and in the emergency, III year I semester – (degree course of Nursing).
2022	2025	Sapienza University	Semester coordinator for the academic year 2022-2023 of the Bachelor in Pediatric Nursing.

IIIB – Other Appointments

Start	End	Institution	Position
2015	ongoing	Sapienza University – Policlinico Umberto I, UOC MEDICINA Interna C (SMSC05)	Medical Director
2016	2018	Società Italiana Per lo Studio dell’Aterosclerosi	President of the Lazio section
2012	ongoing	Health and Medical Research Fund from The Government of the Hong Kong Special Research Council	Reviewer of grants
2013	ongoing	CINECA	Reviewer of grants
2017	ongoing	Oxidative Medicine and Cellular Longevity; ISSN: 1942-0900 (Print) ISSN: 1942-0994 (Online) DOI: 10.1155/2572; I.F.: 4.492; Hindawi Publishing Corporation.	Lead guest Editor of the Special Issue “NADPH Oxidase, ROS, and NO in Cardiovascular Diseases”.
2013	ongoing	British Medical Journal, Thrombosis and Haemostasis, Journal of Thrombosis and Haemostasis, The American Journal of Gastroenterology, International Journal of Cardiology, British Journal of Pharmacology, European Journal of Clinical Investigation, BMJ open, European Journal of Internal Medicine, Scientific Reports, Antioxidant Redox Signaling, antioxidants, Lancet.	Referee for top scientific journals (I quartile InCites Journal Citation Report)

Professor Lorenzo Loffredo obtained the National Scientific Qualification (Abilitazione Scientifica Nazionale) for the position of Full Professor in the academic field 06/B1 – Internal Medicine (2018–2020).

He also obtained the National Scientific Qualification for the position of Full Professor in the academic field 06/G1 – General and Specialized Pediatrics, and Child Neuropsychiatry (ASN 2021–2023).

Part IV – Teaching experience

Year	Institution	Lecture/Course
2005-2007	Sapienza University - Bracciano	Course of Demo-ethno-antropological studies; integrated course of Psychology and general sociology; I year II semester – (degree course Physiotherapy "H").
2007-2008	Sapienza University - Bracciano	Course of Gynecology and Obstetrics; integrated course of Post-surgical rehabilitation; III year II semester – (degree course Physiotherapy "H").
2011-2012	Sapienza University - Bracciano	Course of Cardiovascular and Pulmonary diseases; III year I semester – (degree course Physiotherapy "H").
2012-2013	Sapienza University - Bracciano	Course of Internal Medicine; integrated course of Geriatrics III, year I semester – (degree course Physiotherapy "H"). Coordinator of the Integrated Course
2010-ongoing	Sapienza University	Master of Echography Internal Medicine (II level)
2009-ongoing	Sapienza University - Latina	Internal Medicine (MED-09); Specialist Degree Course of NURSING AND MIDWIFERY SCIENCES “B”
2013-2015	Sapienza University - Pozzilli	Course of Internal and emergency medicine; integrated course of NURSING IN CRITICAL AREA AND IN THE EMERGENCY III, year I semester – (degree course of Nursing). Coordinator of the Integrated Course
2013-2015	Sapienza University - Pozzilli	Course of Emergency Medicine and surgery; integrated course of NURSING IN CRITICAL AREA AND IN THE EMERGENCY III, year I semester – (degree course of Nursing). Coordinator of the Integrated Course
2008-ongoing	Sapienza University	INTERNAL MEDICINE AND GENERAL SURGERY II
2009-ongoing	Sapienza University	Course of Clinical Methodology; 2 nd year II semester C.d.L. “C” degree course of Medicine and Surgery
2013-2015	Sapienza University	GERIATRICS - Physiotherapy Course Bracciano

2016-ongoing	Sapienza University	INTERNAL MEDICINE AND GENERAL SURGERY III
2018	Nicolae Testemițanu State University of Medicine and Pharmacy – Chisinau – Republic of Moldova	Lecture: “NADPH oxidase and cardiovascular disease”

Part V - Society memberships, Awards and Honors

Year	Title
2000-ongoing	Society memberships: American Heart Association, Società Italiana di Medicina Interna, Società Italiana Studio Emostasi e Trombosi, Società Italiana per lo Studi dell’Aterosclerosi.
2017-ongoing	Society memberships: European Atherosclerosis Society
2002 and 2008	Awards: young researcher award from Società Italiana Studio Emostasi e Trombosi
2005	Awards: “Role of sCD40L, oxidative stress and antioxidant status in non-valvular atrial fibrillation” research award from Società Italiana di Medicina Interna (Euros 8000).

Part VI - Funding Information [grants as PI-principal investigator or I-investigator]

Scientific Responsibility for National and International Research Projects

Projects funded through competitive calls with peer-review process.

Title	Funding Body	Project Code / Protocol	Period	Grant value
Role of NADPH oxidase in peripheral arterial disease	Sapienza University of Rome	C26A094XCE	2009	15000
Effect of antioxidant treatment on NADPH oxidase in patients with peripheral arterial disease	Sapienza University of Rome	C26F0978PA	2009	15000
Novel therapies in neurodegenerative disease: Effects of polyphenols on ALS, Parkinson's and Alzheimer's	Sapienza University of Rome	C26A1183Z8	2011	15000
Novel therapies to counteract atherosclerosis: effect of	Sapienza University of Rome	C26A12BPZN	2012	12000

polyphenols on peripheral vascular disease				
Sleep disordered breathing and cardiovascular risk in children: role of oxidative stress and therapeutic implications	Sapienza University of Rome	C26A13W4AK	2013	12000
Novel medical treatment for non-alcoholic steatohepatitis: effect of polyphenols	Sapienza University of Rome	C26A15CMXT	2015	8000
Endothelial dysfunction and oxidative stress in children with chronic rhinitis: role of NADPH oxidase	Sapienza University of Rome	RM116154CFB1DEED	2016	8000
Endothelial dysfunction and platelet activation in children exposed to passive smoking: role of NADPH oxidase	Sapienza University of Rome	RM11715C743A15B7	2017	8000
Basic research funding 2017 (MIUR – CINECA)	Ministry of Education, University and Research (MIUR)	N/A	2017	3000
International cooperation project: Prevention, diagnosis, and treatment of cardiovascular diseases in Moldova	Sapienza University of Rome / Nicolae Testemițanu State University of Medicine and Pharmacy	N/A	2018	7500
Nox2 over-activation in children with non-alcoholic fatty liver disease	Sapienza University of Rome	RM11816427485472	2018	15000

NOX-2 derived oxidative stress and gut microbiota in offspring of patients with early myocardial infarction	Sapienza University of Rome	RM11916B4B35D7A8	2020	36287
Impact of chronic use of heat-not-burn cigarettes on oxidative stress, endothelial dysfunction and platelet activation	Sapienza University of Rome	RM120172B3C38D48	2021	10000
International cooperation project: Training, updating and research project for the prevention, diagnosis and treatment of venous thromboembolic disease in the Republic of Moldova	Sapienza University of Rome / Nicolae Testemițanu State University of Medicine and Pharmacy	N.A.	2022	10000
Role of NOX-2 oxidative stress, endothelial function and gut-derived lipopolysaccharides in children with PANS	Sapienza University of Rome	RM120172B3C38D48	2022	12500
Identification of new markers to prevent cardiovascular disease in ATM gene mutation carriers	Sapienza University of Rome	RM1221816616C410	2023	12500
Impact of oxidative stress and platelet function on lung cancer patients with venous thromboembolism	Sapienza University of Rome	RM124190E04B54B9	2025	12000

Part VII – Research Activities

Keywords**Brief Description**

Atherosclerosis, Thrombosis, cardiovascular disease, Oxidative stress, Endothelial dysfunction, peripheral arterial disease, deep venous thrombosis.

Dr. Loffredo deals with research in atherosclerosis and venous thromboembolism; in particular, he carried out research on anticoagulants, oxidative stress and endothelial dysfunction in several athero-thrombotic diseases (as peripheral arterial disease, atrial fibrillation, metabolic syndrome, obstructive sleep apnoea). He has directed and coordinated multi-center studies such as the "AURELIO" multicenter study (rate of venous thrombosis in acutely hospitalized patients in internal medicine wards) or in collaboration with IPINET (Italian Network of primitive immunodeficiencies) and AIEOP (ASSOCIAZIONE ITALIANA EMATOLOGIA ONCOLOGIA PEDIATRICA) for studies in patients affected by chronic granulomatous disease. He participated to the multicenter studies ARAPACIS in patients affected by atrial fibrillation and SIXTUS in patients affected by pneumonia.

Part VIII – Summary of Scientific Achievements**Total Metrics**

Indicator	Value
Total Hirsch Index (H-index)	46
Total number of citations	6061
Total number of publications in internationally recognized databases for the Italian National Scientific Qualification (as first or corresponding author)	181
Average number of citations per publication	33.5
Total cumulative Impact Factor	1002.5
Average Impact Factor per publication	5.54
Number of publications as first or last author	84 out of 181 publications (46.5%)
H-index over the last 10 years	31

Part IX–Conference and symposia**Invited Speaker at National and International Conferences**

- **Speaker at the National Congress of the Federative College of Cardiology – ICCP, "Romacuore 2009"**
Presentation: "Cardiovascular Clinical Framework of Diabetes. Evaluation of Subclinical Vascular Damage"
Rome, NH Hotel Vittorio Veneto – October 8, 2009
- **Speaker at the XXIII National Congress of S.I.S.A. (Italian Society for the Study of Atherosclerosis)**
Session: Cardiovascular Prevention in Pediatric Age
Symposium: "Early Markers of Vascular Damage in Childhood"
Rome – November 25–28, 2009
- **Speaker at the 112th National Congress of the Italian Society of Internal Medicine (SIMI)**
Sessions:
 1. **Internal Medicine in the Ward: "Chronic Granulomatous Disease"**
 2. **Gymnasium – Methodological Pathways for Young Internists: "Vascular Ultrasound"**
Rome Cavalieri – October 22–25, 2011

- **Speaker at the 113th National Congress of the Italian Society of Internal Medicine (SIMI)**
Interactive Clinical Medicine Course: "Bedside Internal Medicine Ultrasound: Carotid Pathology"
Rome Cavalieri – October 20–22, 2012
- **Speaker at the 114th National Congress of the Italian Society of Internal Medicine (SIMI)**
Sessions:
 1. *Ultrasound Gymnasium – Clinical Cases: "Vessels"*
 2. *Interactive Clinical Medicine Course – Bedside Ultrasound and Deep Vein Thrombosis: "Definition of the Pathological Ultrasound Picture"*
Rome Cavalieri – October 26–28, 2013
- **Speaker at the Congress on Primary Immunodeficiencies – AIEOP-IPINET Working Group**
Presentation: "Recommendations for Chronic Granulomatous Disease: Prevalence of Fungal Infections and Therapeutic Strategies. New Research Proposals"
Bari – June 6, 2014
- **Speaker at the 116th National Congress of the Italian Society of Internal Medicine (SIMI)**
Interactive Course: "After Ultrasound: When Is a Second Opinion or Expert Level Needed? Appropriateness in the Request for Angiosonography (CEUS), Interventional Ultrasound, and Other Imaging Techniques"
Rome Cavalieri – October 10, 2015
- **Speaker at the 119th National Congress of the Italian Society of Internal Medicine (SIMI)**
Presentation: "Bedside Ultrasound in Sepsis"
Rome Cavalieri – October 26–28, 2018
- **Speaker at the 123rd National Congress of the Italian Society of Internal Medicine (SIMI)**
Gymnasium Session – Ultrasound Workshop: "Deep Vein Thrombosis: Only CUS?"
Rome Cavalieri – October 21–23, 2022
- **Speaker at the 124th National Congress of the Italian Society of Internal Medicine (SIMI)**
Gymnasium Session – Ultrasound Workshop: "Deep Vein Thrombosis: Only CUS?"
Palacongressi di Rimini – October 20–22, 2023
- **Speaker at the 125th National Congress of the Italian Society of Internal Medicine (SIMI)**
Hands-on Session – Meet the Expert: "CUS with Prof. L. Loffredo"
Sala Lavatoio, Palacongressi di Rimini – October 11–13, 2024

Summary of Research Leadership and Collaborative Activities

Activity / Project	Collaboration / Institution	Scientific Output / Publication	Period
Participation in research group led by Prof. Violi	Prof. Valentine Fuster, Mount Sinai School of Medicine, New York, USA	Ferro D et al., Arterioscler Thromb Vasc Biol, 2007	01-01-2005 to 30-12-2007
Multicenter studies on Chronic Granulomatous Disease	IPINET & AIEOP	Multiple publications (7 total), e.g.: - Violi F et al., Circulation, 2009 - Loffredo L et al., Antioxid Redox Signal, 2013 - Carnevale R et al.,	01-01-2006 to present

		J Am Heart Assoc, 2014 - Bartimoccia S et al., Thromb Haemost, 2016	
SIMI Ultrasound Study Group	Italian Society of Internal Medicine (SIMI)	Intern Emerg Med, 2014	01-01-2010 to present
ARAPACIS Study	Italian multicenter group with international collaboration (Hiatt, Lip)	Multiple publications (4 total), e.g.: - Proietti M et al., Atherosclerosis, 2015 - Violi F et al., BMJ Open, 2015 - Pignatelli P et al., Eur J Intern Med, 2015	01-01-2011 to 2016
ARAPACIS collaboration with Prof. Hiatt and Prof. Lip	University of Colorado & University of Birmingham	Cangemi R et al., Int J Cardiol, 2013	01-01-2011 to 2016
Endothelial dysfunction in pneumonia (SIXTUS study)	SIXTUS multicenter network	Loffredo L et al., Eur J Intern Med, 2016	01-10-2014 to 01-01-2016
AURELIO Study (DVT incidence in internal medicine wards)	SIMI-ECO Bedside network	Loffredo L et al., Mayo Clin Proc, 2019	29-01-2015 to present

Organization, Leadership, and Coordination of Research Groups or Participation in Collaborative Research Projects

- Scientific Director and Coordinator of the multicenter study "AURELIO" (Rate of Venous Thrombosis in Acutely Ill Patients Hospitalized in Internal Medicine Wards). The study involved multiple centers affiliated with the bedside ultrasound (ECO-bedside) schools of the Italian Society of Internal Medicine (SIMI). The project assessed the incidence of deep vein thrombosis (DVT) through lower limb compression ultrasonography in patients hospitalized for acute medical conditions in Internal Medicine wards.
Period: January 1, 2015 – ongoing.
- Scientific Director of the project "Training, Updating, and Research Program for the Prevention, Diagnosis, and Treatment of Cardiovascular Disease in the Republic of Moldova".
This multicenter study was commissioned by *Sapienza University of Rome* in collaboration with faculty members from the Nicolae Testemițanu State University of Medicine and Pharmacy in Chișinău, the National Institute of Cardiology in Chișinău, and the Embassy of

the Republic of Moldova in Italy.
 Period: December 1, 2017 – 2020.

- Principal Investigator and Steering Committee Member of the research project "Role of NADPH Oxidase-2 and Oxidative Stress in Predicting and Preventing Major Cardiovascular Complications in Atherosclerotic Patients".

A multicenter study commissioned by the Ministry of Health, Labour and Social Protection of the Republic of Moldova and the Nicolae Testemițanu State University of Medicine and Pharmacy of the Republic of Moldova.

Period: March 1, 2019 – 2022.

- Scientific Director and Coordinator of the multicenter study "Training, Updating, and Research Project for the Prevention, Diagnosis, and Treatment of Venous Thromboembolic Disease in the Republic of Moldova".

Commissioned by *Sapienza University of Rome* in collaboration with the Nicolae Testemițanu State University of Medicine and Pharmacy, and the National Institute of Cardiology in Chișinău.

Period: April 1, 2022 – ongoing.

Appointments in Scientific Societies

- **Director (since 2015) of the SIMI School of Bedside Ultrasound at Sapienza University of Rome.**
- **Since 2012, has contributed to the SIMI School of Clinical Ultrasound by teaching Level I, II, and III courses, delivering scientific lectures, and leading practical ultrasound workshops.**
- **Member of the Board of the SIMI Lazio/Molise Regional Section; served as Secretary/Treasurer from June 2013 to June 2016 and took part in organizing regional SIMI congresses during that period.**
- **Member of the Board of the SISA (Italian Society for the Study of Atherosclerosis) Lazio Regional Section from November 2013 to November 2016; actively involved in organizing regional congresses.**
- **President and organizer of the Congress of the Italian Society for the Study of Atherosclerosis (SISA), Lazio Section, during the 2016–2018 term.**

- Documented Clinical Activity in the Field of MEDS-05/A

Area of Activity	Description
Vascular Ultrasound Diagnostics	Performs vascular Doppler ultrasounds and directs the vascular ultrasound diagnostic service at the Internal Medicine Unit (UOC Medicina Interna SMSC05) of Policlinico Umberto I, under the direction of Prof. Pasquale Pignatelli. Provides vascular ultrasound examinations for inpatients, outpatients, and the Emergency Department.
Reduction of Waiting Lists	Contributed to reducing waiting lists through vascular ultrasound services for

	the Policlinico Umberto I University Hospital / Lazio Region.
Internal Medicine Physician Duties	Medical officer at the Internal Medicine and Atherosclerosis Prevention Unit, involved in inpatient care, daytime and nighttime shifts, internal medicine consultations, and activities at the anticoagulation therapy center.
Cardiovascular Risk Assessment in the Elderly and Rare Genetic Diseases	Professional experience in cardiovascular risk evaluation in elderly patients and rare genetic diseases (e.g., chronic granulomatous disease, 22q11 deletion syndrome, ataxia-telangiectasia).
Preventive Cardiovascular Ultrasound	Performs preventive cardiovascular ultrasounds across all ages—from children to elderly—by measuring surrogate markers of atherosclerosis (carotid intima-media thickness, brachial artery flow-mediated dilation, ankle-brachial index, vascular Doppler ultrasound) and conducting ultrasound examinations to prevent and manage deep vein thrombosis in superficial, deep, proximal, and distal veins of the limbs.

Direction or Participation in Editorial Boards of Journals, Editorial Series, Encyclopedias, and Prestigious Treatises

Title / Role	Publication / Publisher	ISBN / ISSN / DOI	Language	Period
Contributor to the volume 'TEODORI: Italian Treatise of Internal Medicine', 6th Edition	GUARNI G., FIORELLI G., MALLIANI A., VIOLI F., VOLPE M. (Eds.), SEU Editore, Italy	EAN: 9788887753868	Italian	01-01-2000 to 01-12-2000
Contributor to the volume 'Current Developments in Atherosclerosis Research'	MISRA, SCHOENHAGEN (Eds.), Nova Science Publishers, New York	ISBN-10: 159454493X, ISBN-13: 978-1594544934	English	01-01-2005 to 01-12-2005
Contributor to the volume 'Chocolate and Health'	PAOLETTI R., POLI A., CONTI A., VISIOLI F. (Eds.), Springer Verlag	ISBN-10: 9788847020375	English	01-01-2012 to 01-12-2012

Member of the Editorial Board of 'World Journal of Meta-Analysis'	Baishideng Publishing Group (BPG)	ISSN: 2308-3840 (online), DOI: 10.13105	English	01-01-2015 – Present
Member of the Editorial Board of 'EC Pulmonology and Respiratory Medicine (ECPRM)'	E Cronicon, London, UK	PMID: 30294723, PMCID: PMC6169793	English	01-01-2018 to 01-01-2019
Editor and curator of the volume 'Diagnostic-Therapeutic Algorithms in Internal Medicine'	Edra – Masson	ISBN: 9788821449246, ISBN-10: 8821449246	Italian	01-01-2018 – Present
Academic Editor on the Editorial Board of 'Oxidative Medicine and Cellular Longevity'	Hindawi Publishing Corporation	ISSN: 1942-0900 (Print), 1942-0994 (Online), DOI: 10.1155/2572	English	29-03-2018 – Present
Associate Editor on the Editorial Board of 'Frontiers in Medicine'	Frontiers Media SA	Electronic ISSN: 2296-858X	English	10-07-2019 – Present
Editorial Board Member of 'BMC Pediatrics'	Springer Nature	ISSN: 1471-2431	English	01-01-2020 – Present

Part X– Publications

1. Predictors, Incidence, and Proximal Extension Rate of Distal Deep Vein Thrombosis in Internal Medicine Wards: Insights from the AURELIO Study. **Loffredo L**, Maggio E, Magna A, Vidili G, Sciacqua A, Cogliati C, Bernardini S, Fallarino A, Palumbo IM, Pannunzio A, Bagnato C, Polisena N, Serra C, Falsetti L, Zaccone V, Ettorre E, Desideri G, Santoro L, Cantisani V, Pignatelli P, Santoliquido A, Violi F; AURELIO Study Group. *Thromb Haemost.* 2025 May 16. doi: 10.1055/a-2595-5458. PMID: 40294600 - **I.F.: 4.3; Scopus Citations: 0.**

2. Effect of the probiotic *Escherichia coli* Nissle 1917 on serum levels of NADPH oxidase-2 and lipopolysaccharide in patients with Alzheimer's disease. **Loffredo L**, Alfano AR, Ettorre E, Desideri G, Carnevale R, Forte M, Maglione V, Bartimoccia S, Castellani V, Totè CM, Pignatelli P, Violi F; Neurodegenerative Disease study group. *J Alzheimers Dis.* 2025 May 27;13872877251345157. doi: 10.1177/13872877251345157. PMID: 40420691 - **I.F.: 3.1; Scopus Citations: 0.**
3. Impact of Hospitalization on Sarcopenia, NADPH-Oxidase 2, Oxidative Stress, and Low-Grade Endotoxemia in Elderly Patients. Bagnato C, Magna A, Mereu E, Bernardini S, Bartimoccia S, Marti R, Lazzerini PE, D'Amico A, Ettorre E, Desideri G, Pignatelli P, Violi F, Carnevale R, **Loffredo L**, Neurodegenerative Study Group. *Antioxidants (Basel).* 2025 Mar 1;14(3):304. doi: 10.3390/antiox14030304. PMID: 40227278 Free PMC article. - **I.F.: 6.6; Scopus Citations: 1.**
4. Polymerized Molecular Allergoid Alt a1: Effective SCIT in Pediatric Asthma Patients. Brindisi G, Gori A, Anania C, De Castro G, Spalice A, **Loffredo L**, Salvatori A, Zicari AM. *J Clin Med.* 2025 Feb 25;14(5):1528. doi: 10.3390/jcm14051528. PMID: 40095008 Free PMC article. - **I.F.: 2.5; Scopus Citations: 0.**
5. Dark chocolate's impact on low-grade endotoxemia in metabolic dysfunction-associated steatohepatitis. Pannunzio A, Baratta F, Maggio E, Palumbo IM, Magna A, Trivigno C, Carnevale R, Simona B, Cammisotto V, Vidili G, Pignatelli P, Ben MD, Violi F, **Loffredo L**. *Nutrition.* 2025 Mar;131:112643. doi: 10.1016/j.nut.2024.112643. PMID: 39693929 Clinical Trial. - **I.F.: 3.0; Scopus Citations: 3.**
6. The Hidden Dangers: E-Cigarettes, Heated Tobacco, and Their Impact on Oxidative Stress and Atherosclerosis-A Systematic Review and Narrative Synthesis of the Evidence. Magna A, Polisena N, Polisena L, Bagnato C, Pacella E, Carnevale R, Nocella C, **Loffredo L**. *Antioxidants (Basel).* 2024 Nov 15;13(11):1395. doi: 10.3390/antiox13111395. PMID: 39594537 - **I.F.: 6.6; Scopus Citations: 2.**
7. Oxidative Stress: The Hidden Catalyst Fueling Atherosclerosis and Cardiovascular Disease. **Loffredo L**, Carnevale R. *Antioxidants (Basel).* 2024 Sep 6;13(9):1089. doi: 10.3390/antiox13091089. PMID: 39334748 Free PMC article. - **I.F.: 6.6; Scopus Citations: 3.**
8. Rate and predictors of thromboprophylaxis in internal medicine wards: Results from the AURELIO study. Magna A, Maggio E, Vidili G, Sciacqua A, Cogliati C, Di Giulio R, Bernardini S, Fallarino A, Palumbo IM, Pannunzio A, Bagnato C, Serra C, Boddi M, Falsetti L, Zaccone V, Ettorre E, Desideri G, Santoro L, Cantisani V, Pignatelli P, Santoliquido A, Violi F, **Loffredo L**; AURELIO Study Group. *Thromb Res.* 2024 Nov;243:109148. doi: 10.1016/j.thromres.2024.109148. PMID: 39326194 - **I.F.: 3.4; Scopus Citations: 1.**

9. Impaired arterial dilation and increased NOX2 generated oxidative stress in subjects with ataxia-telangiectasia mutated (ATM) kinase. **Loffredo L**, Soresina A, Cinicola BL, Capponi M, Salvatori F, Bartimoccia S, Picchio V, Forte M, Caputi C, Poscia R, Leuzzi V, Spalice A, Pignatelli P, Badolato R, Duse M, Violi F, Carnevale R, Zicari AM; AT study group. *Redox Biol.* 2024 Nov;77:103347. doi: 10.1016/j.redox.2024.103347. Epub 2024 Sep 12. PMID: 39326070 - **I.F.: 11.9; Scopus Citations: 1.**
10. Effect of severe thrombocytopenia on bleeding in chronic liver disease after low risk surgical procedures: a meta-analysis. **Loffredo L**, Maggio E, Vestri AR, Di Rocco A, Pignatelli P, Violi F. *HPB (Oxford)*. 2024 May;26(5):726-728. doi: 10.1016/j.hpb.2024.02.009. PMID: 38395677 - **I.F.: 2.4; Scopus Citations: 0.**
11. In adult X-CGD patients, regulatory T cells are expanded while activated T cells display a NOX2-independent ROS increase. Cammarata I, Pinna V, Pacella I, Rotella I, Soresina A, Badolato R, Plebani A, Pignata C, Cirillo E, Zicari AM, Violi F, Carnevale R, **Loffredo L**, Piconese S. *Immunol Lett.* 2024 Apr;266:106839. doi: 10.1016/j.imlet.2024.106839. Epub 2024 Feb 1. PMID: 38309375- **I.F.: 2.0; Scopus Citations: 1.**
12. Impact of heat-not-burn cigarette passive smoking on children's oxidative stress, endothelial and platelet function. **Loffredo L**, Carnevale R, Pannunzio A, Cinicola BL, Palumbo IM, Bartimoccia S, Nocella C, Cammisotto V, Violi F, Biondi-Zoccai G, Frati G, Zicari AM; Children smoke prevention group. *Environ Pollut.* 2024 Mar 15;345:123304. doi: 10.1016/j.envpol.2024.123304. PMID: 38295930- **I.F.: 7.3; Scopus Citations: 2.**
13. Immunological characterization of an Italian PANDAS cohort. Leonardi L, Lorenzetti G, Carsetti R, Piano Mortari E, Guido CA, Zicari AM, Förster-Waldl E, **Loffredo L**, Duse M, Spalice A. *Front Pediatr.* 2024 Jan 4;11:1216282. doi: 10.3389/fped.2023.1216282. eCollection 2023. PMID: 38239595. - **I.F.: 3; Scopus Citations: 7.**
14. Reply to Özdemir, Ö. Allergic Disease with Selective IgA Deficiency. Comment on "Cinicola et al. The Allergic Phenotype of Children and Adolescents with Selective IgA Deficiency: A Longitudinal Monocentric Study. *J. Clin. Med.* 2022, 11, 5705". Cinicola BL, Brindisi G, Capponi M, Gori A, **Loffredo L**, De Castro G, Anania C, Spalice A, Guido CA, Milito C, Duse M, Quinti I, Pulvirenti F, Zicari AM. *J Clin Med.* 2023 Nov 22;12(23):7224. doi: 10.3390/jcm12237224. PMID: 38068276 - **I.F.: 3; Scopus Citations: 0.**
15. Effect of traditional or heat-not-burn cigarette smoking on circulating miRNAs in healthy subjects. Picchio V, Ferrero G, Cozzolino C, Pardini B, Floris E, Tarallo S, Dhori X, Nocella C, **Loffredo L**, Biondi-Zoccai G, Carnevale R, Frati G, Chimenti I, Pagano F. *Eur J Clin Invest.* 2024 Apr;54(4):e14140. doi: 10.1111/eci.14140. PMID: 38050790- **I.F.: 3.6; Scopus Citations: 4.**
16. Vitamin E supplementation (alone or with other antioxidants) and stroke: a meta-analysis. Maggio E, Bocchini VP, Carnevale R, Pignatelli P, Violi F, **Loffredo L**. *Nutr Rev.* 2024

Aug 1;82(8):1069-1078. doi: 10.1093/nutrit/nuad114. PMID: 37698992 Review. - **I.F.:**
4.9; Scopus Citations: 6.

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