

## GIUSEPPE AMBROSIO, M.D., PH.D

**Citizenship:** Italian  
**Social Security:** 214-06-\*\*\*\* (U.S.A.)

### ACADEMIC POSITIONS

Director  
Department of Medicine  
University of Perugia School of Medicine

Professor of Cardiology  
Director  
Division of Cardiology  
University of Perugia School of Medicine

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Medical Director (2009 – 2013)  
University Hospital  
University of Perugia School of Medicine

Scientific Coordinator  
IRCCS MultiMedica Research Hospital  
Milan, Italy

Visiting Associate Professor  
Division of Cardiology  
Johns Hopkins School of Medicine  
Baltimore, MD, U.S.A.

Profesor Honorario  
Instituto de Cardiologia “Alberto C. Taquini”  
University of Buenos Aires  
Buenos Aires, Argentina

Visiting Professor  
University of Nis  
Nis, Serbia

Profesor Honorario  
Escuela de Medicina  
Hospital Italiano  
Buenos Aires, Argentina

- Over 300 papers in peer-reviewed journals
- Over 25,000 citations in international literature
- Impact Factor = **2311.4**
- H-Index = **67**
- Over 200 invited lectures and seminars at International meetings

Formal Collaboration Agreements set in place with:

- Division of Cardiology, Johns Hopkins School of Medicine, Baltimore, MD, U.S.A.
- Instituto de Cardiologia “Alberto C. Taquini”, University of Buenos Aires, Buenos Aires, Argentina
- D.M. Davis Heart & Lung Research Institute, Ohio State University, Columbus, Ohio, U.S.A.
- Escuela de Medicina, Hospital Italiano de Buenos Aires, Buenos Aires, Argentina
- IRCCS MultiMedica Research Hospital, Milan, Italy

#### **MEDICAL EDUCATION**

- M.D. degree, "summa cum laude" and publishing honors, University of Naples School of Medicine, Naples, Italy
- Ph.D. degree in Cardiovascular Pathophysiology, University of Naples
- Master in Hospital Management, Perugia, Italy

#### **TRAINING**

- Intern, University Hospital, Naples
- Resident, Department of Cardiology, University Hospital, Naples
- Fellow, Division of Cardiology, Johns Hopkins Hospital, Baltimore, MD, U.S.A.

#### **BOARD CERTIFICATIONS**

- Unrestricted Licence to practice Medicine and Surgery in Italy and all Countries of the European Community
- Italian Board Certification in Cardiology
- ECFMG Certification (U.S.A.)
- VQE Certification (National Board of Medical Examiners, U.S.A.; #324-946-3)

#### **PROFESSIONAL APPOINTMENTS**

- *European Society of Cardiology*: Secretary, Science Council (1999 - 2002); Representative, Cluster on “Circulation” (1999 - 2002); Chairman, Working Group on "Coronary Pathophysiology and Microcirculation" (1996 – 1998); Member, Task Force “National Society Journals” (2006 - 2016)
- *Heart Failure Association – European Society of Cardiology*: Member, Committee on Heart Failure with Preserved Ejection Fraction (2008 - 2014); Member, Committee on Acute Heart Failure (2010 - 2014); Member, Task Force on Diabetes and Hypertension (2018 - )

- *American College of Cardiology*  
Member, Committee on Prevention of Cardiovascular Disease (2011 - ); Member, Work Group on Hypertension (2017 - ); Work Group on Diabetes (2017 - )
- *Italian Society of Cardiology:*  
Member of the Board (1998 – 2001); Coordinator, Clinical Research Center (2015 - )
- *International Society for Heart Research*  
Member of the Board (1998 - 2004)
- *International Academy of Cardiovascular Sciences*  
Member of the Board (1998 – 2002)
- Editor:
  - Italian Heart Journal (official journal of the Italian Federation of Cardiology) (2002 - 2007)
  - Member, Heart Editors’ Active Round Table (HEART) (2003 - 2007)
  - Member, Task Force “National Society Journals”, European Society of Cardiology (2006 - )
- Member of the Editorial Board
  - Acute Cardiac Care (2006 - )
  - Cardiovascular Drugs and Therapy (1990 - 2000)
  - Cardiovascular Research (1996 - )
  - European Heart Journal (2009 - )
  - Journal of Molecular and Cellular Cardiology (1997 – 2000)
  - International Journal of Cardiology (2016 - )
  - Netherlands Heart Journal (2005 - )
  - Revista Española de Cardiología (2000 - )
- Fellow
  - American College of Cardiology
  - European Society of Cardiology
  - American Heart Association: Council on Circulation, Council on Basic Cardiovascular Sciences
  - Heart Failure Association – European Society of Cardiology

### **HONORS AND AWARDS**

- John E. Fogarty International Award for Advanced Study in Health Sciences (#1 FO5 TWO 3435), National Institutes of Health, U.S.A.
- De Gasperis-Donatelli Award, Italian Society of Cardiac Surgery
- American College of Cardiology: Fellow
- American Heart Association: Fellow; Council on Circulation, Council on Basic Cardiovascular Sciences
- European Society of Cardiology: Fellow
- Key Contribution", 45th Annual Scientific Session, American College of Cardiology
- American Physiological Society: Fellow, Cardiovascular Section
- International Academy of Cardiovascular Sciences: Fellow
- Sociedad Argentina de Cardiología: Miembro Correspondiente Extranjero
- Profesor Honorario, Instituto de Cardiología “Alberto C. Taquini”, Universidad de Buenos Aires, Argentina
- “Leonardo da Vinci”, Award, Italian Society of Cardiology
- Visiting Professor, University of Nis, Nis, Serbia
- Profesor Honorario, Escuela de Medicina, Hospital Italiano, Buenos Aires, Argentina
- Rumenian Society of Cardiology, Honorary Member

## RESEARCH INTERESTS

- Acute coronary syndromes
- Chronic Ischemic heart disease
- Ischemia/reperfusion injury
- No-reflow
- Microcirculation
- Myocardial Stunning and Myocardial Hibernation
- Oxidative Stress
- Heart Failure

## INTERNATIONAL RESEARCH GRANTS

- Global Registry of Acute Coronary Events (GRACE), University of Massachusetts, U.S.A. (2000 - 2009)
- Program Project Grant "Inflammation and Repair in Cardiac Ischemia-Reperfusion", National Institutes of Health, U.S.A., Grant Number: NIH P01 HL065608 (2004 - )
- MEDIA (Metabolic Road to Diastolic Dysfunction), FP VII, European Community (2010 - 2017)

## CLINICAL AND PHARMACOLOGICAL RESEARCH ACTIVITIES

- National Coordinator, **ACUITY** (Acute Catheterization and Urgent Intervention Triage Strategy) trial
- Scientific Committee Member, **PROMISE HEART** (Prevalence of abdominal obesity and metabolic syndrome in coronary heart disease) study
- Steering Committee Member, and National Coordinator, **TRACER** (Thrombin Receptor Antagonist Coronary Event Reduction) trial
- Coordinator, Adjudication Committee, **Italian Elderly ACS** Study
- Steering Committee Member, **RED-CABG** Trial (Reduction in Cardiovascular Events by AcaDesine in Patients Undergoing CABG)
- Operations Committee Member, and National Lead, **TECOS** (Trial Evaluating Cardiovascular Outcomes with Sitagliptin in patients with Type 2 Diabetes) trial
- Country Lead, **GARFIELD** (Global Anticoagulant Registry in the FIELD) registry
- Steering Committee Member, **CAD** (Ranolazine in patients with Coronary Artery Disease) trial
- Steering Committee Member, and National Coordinator, **AEGIS-I** (Apo A-1 Event Reduction in Ischemic Syndromes) trial
- Steering Committee Member, and National Coordinator, **AEGIS-II** (Apo A-1 Event Reduction in Ischemic Syndromes) trial

## ADVISORY BOARDS AND EXPERT PANELS

- Losartan Advisory Board, Merck Sharp & Dohme, Italy
- Expert Group on Microcirculation, Servier SA, France

- Thrombin Receptor Antagonist, Schering Plough Research Institute, USA
- Coordinator, Data Safety Monitoring Board, studio SMILE IV, Menarini International
- Ranolazine Advisory Board, Menarini International
- Scientific Advisory Board, Angelini S.p.A.

### SELECTED PUBLICATIONS

Seferović PM, et al. **European Society of Cardiology/Heart Failure Association position paper on the role and safety of new glucose-lowering drugs in patients with heart failure.**  
European Journal of Heart Failure Dec 9. doi: 10.1002/ejhf.1673, 2019

Cimmino G, et al. **Oxidized Low-Density Lipoproteins Induce Tissue Factor Expression in T-Lymphocytes via activation of Lectin-Like Oxidized Low-Density Lipoprotein Receptor-1.**  
Cardiovascular Research 2019 Aug 27. pii: cvz230

Coiro S, et al. **Association of diabetes and kidney function according to age and systolic function with the incidence of sudden cardiac death and non-sudden cardiac death in myocardial infarction survivors with heart failure.**  
European Journal of Heart Failure 21:1248-1258, 2019

Renda G, et al: Working Group on Thrombosis of the Italian Society of Cardiology. **Thrombotic and hemorrhagic burden in women: Gender-related issues in the response to antithrombotic therapies.**  
International Journal of Cardiology 286:198-207, 2019

Corbalan R, et al. **Analysis of Outcomes in Ischemic vs Nonischemic Cardiomyopathy in Patients With Atrial Fibrillation: A Report From the GARFIELD-AF Registry.**  
JAMA Cardiology 2019 May 8. doi: 10.1001/jamacardio

Carluccio E, et al. **Superior Prognostic Value of Right Ventricular Free Wall Compared to Global Longitudinal Strain in Patients With Heart Failure.**  
JASE – Journal of the American Society of Echocardiography 2019

Carluccio E, et al. **Left atrial reservoir function and outcome in heart failure with reduced ejection fraction: the importance of atrial strain by speckle tracking echocardiography**  
Circulation: Cardiovascular Imaging 11 (11), e007696,  
*Editoriale di Commento:* Ersbøll E, Eifer J. Left Atrial Function in Heart Failure With Reduced Ejection Fraction. Isolated Entity? Circulation: Cardiovascular Imaging 2018

Simonovic D, et al. **Exercise elicits dynamic changes in extravascular lung water and haemodynamic congestion in heart failure patients with preserved ejection fraction.**  
European Journal of Heart Failure 20:1366-1369, 2018

Aimo A, et al. **Sex-related differences in chronic heart failure.**  
International Journal of Cardiology 255:145-151, 2018

Ciliberti G, et al. **Predictors of poor clinical outcomes in patients with acute myocardial infarction and non-obstructed coronary arteries (MINOCA).**  
International Journal of Cardiology 267:41-45, 2018.  
*Accompanying Editorial:* Tavella R, et al: MINOCA – A personalized medicine approach?  
International Journal of Cardiology 267:54-55, 2018.

Carluccio E, et al. **Prognostic Value of Right Ventricular Dysfunction in Heart Failure With Reduced Ejection Fraction: Superiority of Longitudinal Strain Over Tricuspid Annular Plane Systolic Excursion.**

Circulation Cardiovascular Imaging 2018  
Accompanying Editorial: Rudski LG, Fine NM. Right Ventricular Function in Heart Failure  
The Long and Short of Free Wall Motion Versus Deformation Imaging  
Circulation Cardiovascular Imaging 2018

Verheugt FWA, et al GARFIELD-AF Investigators. **Characteristics of patients with atrial fibrillation prescribed antiplatelet monotherapy compared with those on anticoagulants: insights from the GARFIELD-AF registry.**  
European Heart Journal 39:464-473, 2018

Cardona A, et al. **T-Wave Abnormality as Electrocardiographic Signature of Myocardial Edema in Non-ST-Elevation Acute Coronary Syndromes.**  
Journal of the American Heart Association 2018

Camm AJ, et al. **Evolving antithrombotic treatment patterns for patients with newly diagnosed atrial fibrillation.** Heart 15;103:307-314, 2017

Coiro S, et al. **Association of beta-blocker treatment with mortality following myocardial infarction in patients with chronic obstructive pulmonary disease and heart failure or left ventricular dysfunction: a propensity matched-cohort analysis from the High-Risk Myocardial Infarction Database Initiative.**  
European Journal of Heart Failure 19:271-279, 2017

Ciliberti G, et al. **Safety of intracoronary provocative testing for the diagnosis of coronary artery spasm.**  
International Journal of Cardiology 244:77-83, 2017

Chioncel O, et al. **Epidemiology and one-year outcomes in patients with chronic heart failure and preserved, mid-range and reduced ejection fraction: an analysis of the ESC Heart Failure Long-Term Registry**  
European Journal of Heart Failure 2017 *Times Cited = 100*

Bosch L, et al. **Risk stratification of Asian patients with heart failure and reduced ejection fraction: the effectiveness of the Echo Heart Failure Score.**  
European Journal of Heart Failure, 19:1732-1735, 2017

Manolis AJ, et al. **Medical treatment of stable angina: A tailored therapeutic approach.**  
International Journal of Cardiology 220:445-53, 2016

McGuire DK, et al. Trial Evaluating Cardiovascular Outcomes With Sitagliptin (TECOS) Study Group. **Association Between Sitagliptin Use and Heart Failure Hospitalization and Related Outcomes in Type 2 Diabetes Mellitus: Secondary Analysis of a Randomized Clinical Trial.**  
JAMA Cardiology 1: 126-35, 2016 *Times Cited = 106*

Ambrosio G, et al. **Management of stable angina: A commentary on the European Society of Cardiology guidelines.**  
European Journal of Preventive Cardiology 23:1401-12, 2016

Coiro S, et al. **Prognostic value of residual pulmonary congestion at discharge assessed by lung ultrasound imaging in heart failure**  
European Journal of Heart Failure 2015 *Times Cited = 105*  
Accompanying Editorial: Gargani L. Prognosis in heart failure: look at the lungs. European Journal of Heart Failure 2015

Reyes LA, et al **Depletion of NADP(H) due to CD38 activation triggers endothelial dysfunction in the postischemic heart**  
Proceedings of the National Academy of Sciences U S A. 112:11648-53, 2015

Otero-Losada M, et al. **Functional and Morphological Changes in Endocrine Pancreas following Cola Drink Consumption in Rats**

PLoS One 19:e0118700. doi: 10.1371/journal.pone.0118700, 2015

Camm AJ, et al. **Unresolved issues in the management of chronic stable angina**

International Journal of Cardiology 201:200-207, 2015

Cardona A, et al. **A meta-analysis of published studies of endothelial dysfunction does not support its routine clinical use.**

International Journal of Clinical Practice 69:649–658, 2015

Accompanying Editorial: Ferguson LD, Sattar N. Endothelial function measures: not for clinical prime time? International Journal of Clinical Practice 69:624-5, 2015

Lip GY, et al. **Does Sex Affect Anticoagulant Use for Stroke Prevention in Nonvalvular Atrial Fibrillation? The Prospective Global Anticoagulant Registry in the FIELD-Atrial Fibrillation**

Circulation - Cardiovascular Quality Outcomes 8:S12-20, 2015

Senni M, et al. **New strategies for heart failure with preserved ejection fraction: the importance of targeted therapies for heart failure phenotypes**

European Heart Journal 35:2797-815, 2014

*Times Cited = 202*

Cardona A, et al. **Pulse pressure affects the relationship between flow-mediated dilatation and cardiovascular risk**

International Journal of Cardiology 175:579-581, 2014

Weisel RD, and the RED-CABG Executive and Steering Committees. **Predictors of Contemporary CABG Outcomes**

Journal of Thoracic and Cardiovascular Surgery, 148:2720-2726, 2014

Carluccio E, et al. **The 'Echo Heart Failure Score': an echocardiographic risk prediction score of mortality in systolic heart failure**

European Journal of Heart Failure 15:868-76, 2013

Gehring M, et al. **Factors influencing clinical trial site selection in Europe: the Survey of Attitudes towards Trial sites in Europe (the SAT-EU Study)**

British Medical Journal Open 2013 Nov 15;3(11):e002957. doi: 10.1136/bmjopen-2013-002957

Zuchi C, et al. **Angina pectoris in women: Focus on microvascular disease**

International Journal of Cardiology, 163:132-40, 2013

Quercioli A, et al. **Coronary vasomotor control in obesity and morbid obesity: contrasting flow responses with endocannabinoids, leptin, and inflammation.**

JACC Cardiovascular Imaging 5:805-15, 2012

Accompanying Editorial: Gropler RJ: The Road Connecting Obesity and Coronary Vasomotor function: Straight Line or U-Turn? JACC: Cardiovascular Imaging 5:816-818, 2012

Chang H, et al. **Non–ST-Segment Elevation Acute Coronary Syndromes: Targeted Imaging to Refine Upstream Risk Stratification**

Circulation - Cardiovascular Imaging 5:536-546, 2012

Newman MF, et al. **Effect of adenosine-regulating agent acadesine on morbidity and mortality associated with coronary artery bypass grafting: the RED-CABG randomized controlled trial**

JAMA – Journal of the American Medical Association 308:157-64, 2012

Tricoci P, et al. **Thrombin-Receptor Antagonist Vorapaxar in Acute Coronary Syndromes**

New England Journal of Medicine 366:20-33, 2012

*Times Cited = 651*

- Ghiadoni L, et al. **Assessment of flow-mediated dilation reproducibility: a nationwide multicenter study**  
Journal of Hypertension 30:1399-405, 2012 *Times Cited = 105*  
Accompanying Editorial: O'Rourke MF: Endothelial (DYS)Function: Quo vadis, Cur vadis.  
Journal of Hypertension 30:1321-1324, 2012
- Verdecchia P, et al. **Day-night dip and early-morning surge in blood pressure in hypertension: prognostic implications** *Times Cited = 226*  
Hypertension 60:34-42, 2012  
Accompanying Editorial: White WB: "The Nighttime Might be the Right Time" for Cardiovascular Event Prediction. Hypertension 60: 8-9, 2012
- Carluccio E, et al. **Presence of Extensive LV Remodeling Limits the Benefits of CRT in Patients With Intraventricular Dyssynchrony**  
JACC – Cardiovascular Imaging. 4, 1067-76, 2011  
Accompanying Editorial: Exner DK: Predicting Benefit From CRT: When Is it Too Little, Too Late?  
JACC – Cardiovascular Imaging. 4, 1077-1079, 2011
- Reboldi G, et al. **Effects of intensive blood pressure reduction on myocardial infarction and stroke in diabetes: a meta-analysis in 73 913 patients** *Times cited = 279*  
Journal of Hypertension 29:1253-1269, 2011  
Accompanying Editorial: Lv J, Perkovic V: Blood pressure management in diabetes: a path forward?  
Journal of Hypertension 29:1283-1284, 2011
- Ambrosio G, et al.  **$\beta$ -blockade with nebivolol for prevention of acute ischaemic events in elderly patients with heart failure**  
Heart 97:209-214, 2011
- Carluccio E, et al. **Advantages of deformation indices over systolic velocities in assessment of longitudinal systolic function in patients with heart failure and normal ejection fraction**  
European Journal of Heart Failure 13:292-302, 2011
- Ambrosio G, et al. **Impact of chronic antiplatelet therapy before hospitalization on ischemic and bleeding events in invasively managed patients with acute coronary syndromes: the AQUIRY trial**  
European Journal of Cardiovascular Prevention and Rehabilitation 18:121-128, 2011
- Raman SV, et al. **Cardiac Magnetic Resonance With Edema Imaging Identifies Myocardium at Risk and Predicts Worse Outcome in Patients With Non-ST-Segment Elevation Acute Coronary Syndrome** *Times Cited = 117*  
Journal of the American College of Cardiology 55:2480-8, 2010.  
Accompanying Editorial: Klocke FJ: Cardiac Magnetic Resonance Measurements of Area at Risk and Infarct Size in Ischemic Syndromes, Journal of the American College of Cardiology 55:2489-90, 2010
- Ambrosio G, et al. **Chronic Nitrate Therapy is Associated with Different Presentation and Evolution of Acute Coronary Syndromes: Insights from 52,693 Patients in the Global Registry of Acute Coronary Events (GRACE)**  
European Heart Journal 31:430-8, 2010
- Monaco M, et al. **Systematic strategy of prophylactic coronary angiography improves long-term outcome after major vascular surgery in medium- to high-risk patients: a prospective, randomized study.** *Times Cited = 165*  
Journal of the American College of Cardiology 54:989-96, 2009.  
Accompanying Editorial: Landesberg G, Mosseri M: "Prophylactic pre-operative coronary revascularization: is the Phoenix awakening? Journal of the American College of Cardiology 54:996-998, 2009.
- Sciahbasi A, et al. **Arterial Access-Site Related Outcomes of Patients Undergoing Invasive Coronary Procedures for Acute Coronary Syndromes (From the ComPaRison of Early Invasive and**

- Conservative Treatment in Patients With Non-ST-Elevation Acute Coronary Syndromes [PRESTO-ACS] Vascular Substudy).**  
American Journal of Cardiology 103:796-800, 2009. *Times Cited = 134*
- Carluccio E, et al. **Effect of revascularizing viable myocardium on left ventricular diastolic function in patients with ischaemic cardiomyopathy.**  
European Heart Journal 30:1501-9, 2009
- Moreo A, et al. **Influence of myocardial fibrosis on left ventricular diastolic function: Noninvasive assessment by cardiac magnetic resonance and echo.**  
Circulation - Cardiovascular Imaging 2:437, 2009 *Times Cited = 143*
- Stassano P, et al. **Myocardial revascularization by left ventricular assisted beating heart is associated with reduced systemic inflammatory response.**  
Annals of Thoracic Surgery 87:46-52, 2009.  
Accompanying Editorial: Jeppsson A: "Invited Commentary", Annals of Thoracic Surgery 87:52, 2009
- Guerri-Guttenberg RA, et al. **Chagas cardiomyopathy: Europe is not spared!**  
European Heart Journal 29:2587-91, 2008 *Times Cited = 103*
- Pries AR, et al. **A review of methods for assessment of coronary microvascular disease in both clinical and experimental settings.**  
Cardiovascular Research 80:165-74, 2008 *Times Cited = 127*
- Dumitrescu C, et al. **Myocardial ischemia results in tetrahydrobiopterin (BH4) oxidation with impaired endothelial function ameliorated by BH4.**  
PNAS (Proceedings of the National Academy of Science, USA) 104:15081-15086, 2007 *Times cited = 175*
- Milei J, et al. **Relationship among oxidative stress, lipid peroxidation, and ultrastructural damage in patients with coronary artery disease undergoing cardioplegic arrest/reperfusion.**  
Cardiovascular Research 73:710-719, 2007.  
Accompanying Editorial: Chambers DJ: "Oxidative stress injury during cardiac surgery: how important is it?" Cardiovascular Research 73:626-629, 2007.
- Biondi R, et al. **Hydroxylation of D-Phenylalanine as a novel approach to detect hydroxyl radicals: Application to cardiac pathophysiology**  
Cardiovascular Research 71:322-330, 2006.
- De Palma R, et al. **Patients with acute coronary syndrome show oligoclonal T-cell recruitment within unstable plaque: Evidence for a local, intracoronary immunological mechanism**  
Circulation 113:640-646, 2006. *Times cited = 145*
- Carluccio E, et al. **Patients with hibernating myocardium show altered left ventricular volumes and shape, which revert following revascularization: Evidence that dyssynergy may directly induce cardiac remodeling**  
Journal of the American College of Cardiology 47:969-977, 2006. *Times Cited = 136*  
Accompanying Editorial: Rahimtoola SH, et al. "Hibernating myocardium: another piece of the puzzle falls into place". Journal of the American College of Cardiology 47:978-90, 2006
- Milei J, et al. **Ultrastructural evidence of increased tolerance of hibernating myocardium to cardioplegic ischemia-reperfusion injury**  
Journal of the American College of Cardiology 43:2329-36, 2004.
- Verdecchia P, et al. **Risk of cardiovascular disease in relation to achieved office and ambulatory blood pressure control in treated hypertensive subjects**  
Journal of the American College of Cardiology 39:878-885, 2002. *Times cited = 143*

- Verdecchia P, et al. **Left ventricular hypertrophy as an independent predictor of acute cerebrovascular events in essential hypertension**  
Circulation 104:2039-2044, 2001. *Times cited = 341*
- Levy BI, et al. **The microcirculation in hypertension: A new target for treatment?**  
Circulation 104:735-740, 2001. *Times cited = 657*
- Duilio C, et al. **Neutrophils are primary source of O<sub>2</sub> radicals during reperfusion after prolonged myocardial ischemia**  
American Journal of Physiology, Heart and Circulatory Physiology 280:H2649-57, 2001. *Times cited = 321*
- Ambrosio G, Tritto I. **Reperfusion injury: experimental evidence and clinical implications**  
American Heart Journal 138:69-75, 1999. *Times cited = 404*
- Napoli C, et al. **New-onset angina preceding acute myocardial infarction is associated with improved contractile recovery after thrombolysis**  
European Heart Journal 19:411-419, 1998.  
Accompanying Editorial: Dana AM and Yellon D. "Cardioprotection by pre-infarct angina: is it ischaemic preconditioning?" European Heart Journal 19:367-369, 1998.
- Tritto I, et al. **Oxygen radicals can induce preconditioning in rabbit hearts**  
Circulation Research 80:743, 1997. *Times cited = 340*
- Ambrosio G, et al. **Prolonged impairment of regional contractile function after resolution of exercise-induced angina: Evidence of myocardial stunning in patients with coronary artery disease**  
Circulation 94:2455, 1996. *Times cited = 238*
- Golino P, et al. **Effects of Tissue Factor induced by oxygen free radicals on coronary flow during reperfusion**  
Nature Medicine 2:35, 1996. *Times cited = 199*
- Ambrosio G, et al. **The role of oxygen free radicals in preconditioning.**  
Journal of Molecular and Cellular Cardiology, 27:1035, 1995. *Times cited = 103*
- Ambrosio G, et al. **Oxygen radicals inactivate human plasma acetylhydrolase, the enzyme that catabolizes platelet-activating factor**  
Journal of Clinical Investigation 93:2408, 1994. *Times cited = 121*
- AB Pawashe, et al. **A monoclonal antibody against rabbit tissue factor inhibits thrombus formation in stenotic injured rabbit carotid arteries**  
Circulation research 74: 56-63, 1994 *Times cited = 164*
- Golino P, et al. **Short-term and long-term role of platelet-activating factor as a mediator of *in vivo* platelet aggregation in rabbit carotid and canine coronary arteries with experimental stenosis and endothelial injury.**  
Circulation 88:1205, 1993.
- Ambrosio G, et al. **Evidence that mitochondrial respiration is a source of potentially toxic oxygen free radicals in intact rabbit hearts subjected to ischemia and reflow**  
Journal of Biological Chemistry 268:18532, 1993. *Times cited = 565*
- Golino P, et al. **Endothelium-derived relaxing factor modulates platelet aggregation in an *in vivo* model of recurrent platelet activation**  
Circulation Research 71:1447, 1992.
- Ambrosio G, et al. **The relationship between oxygen radical generation and impairment of myocardial energy metabolism following post-ischemic reperfusion.**

Journal of Molecular and Cellular Cardiology 23:1359, 1991 *Times cited = 160*

Ambrosio G, et al. **Oxygen radicals generated at reflow induce peroxidation of membrane lipids in reperfused hearts**  
Journal of Clinical Investigation 87:2056, 1991. *Times cited = 290*

Cerbai E, et al. **Cellular electrophysiological basis for oxygen radical-induced arrhythmias: A patch-clamp study in guinea-pig ventricular myocytes.**  
Circulation 84:1773, 1991. *Times cited = 101*

Ambrosio G, et al. **Progressive impairment of regional myocardial perfusion following initial restoration of post-ischemic blood flow**  
Circulation 80:1846, 1989. *Times cited = 545*

Ambrosio G, et al. **Effects of ATP precursors on ATP and free ADP content and functional recovery of postischemic hearts.**  
American Journal of Physiology 256:H560, 1989. *Times cited = 101*

Becker LC, Ambrosio G. **Myocardial consequences of reperfusion.**  
Progress in Cardiovascular Disease 30:23, 1987. *Times cited = 291*

Ambrosio G, et al. **Improvement of post-ischemic myocardial function and metabolism by administration of deferoxamine at the time of reflow: The role of iron in the pathogenesis of reperfusion injury**  
Circulation 76:906, 1987. *Times cited = 271*

Ambrosio G, **Preserved high energy phosphate metabolic reserve in globally "stunned" hearts despite reduction of basal ATP content and contractility**  
Journal of Molecular and Cellular Cardiology 19:953, 1987. *Times cited = 140*

Ambrosio G, et al. **Evidence for a reversible, oxygen radical mediated component of reperfusion damage: Reduction by recombinant human superoxide dismutase administered at the time of reflow**  
Circulation 75:282, 1987. *Times cited = 302*

Ambrosio G, et al. **Reduction in experimental infarct size by recombinant human superoxide dismutase: Insights into the pathophysiology of reperfusion injury**  
Circulation 74:1424, 1986. *Times cited = 423*

October 8, 2019

Giuseppe Ambrosio