

## **Prof. GIUSEPPE AMBROSIO**

- Professore Ordinario di Cardiologia, Università di Perugia
- Direttore, Dipartimento di Medicina, Università di Perugia
- Primario, Cardiologia e Fisiopatologia Cardiovascolare, Azienda Ospedaliera di Perugia
- Direttore Sanitario Aziendale, Azienda Ospedaliera di Perugia (2009 – 2013)
- Direttore, Scuola di Specializzazione in Cardiologia, Università di Perugia (2001 – 2019)
- Visiting Associate Professor, Division of Cardiology, Johns Hopkins School of Medicine, Baltimore, MD, U.S.A.
- Profesor Honorario, Instituto de Cardiologia “Alberto C. Taquini”, Universidad de Buenos Aires, Argentina
- Visiting Professor, University of Nis, Serbia
- Profesor Honorario, Escuela de Medicina, Hospital Italiano de Buenos Aires, Argentina
- Direttore, Unità Operativa di Fisiopatologia Cardiovascolare, Istituto Nazionale Ricerche Cardiovascolari, Sede Consorziata di Perugia

### ***Titoli Professionali:***

- Laurea in Medicina e Chirurgia, 110 e lode/110, e dignità di stampa della tesi; Università di Napoli
- Specializzazione in Cardiologia, 70 e lode/70; Università di Napoli
- Dottorato di Ricerca in Fisiopatologia Cardiovascolare; Università La Sapienza, Roma
- Abilitazione all'attività clinica negli U.S.A.
- Certificato di Formazione Manageriale in Sanità; Scuola Umbra di Pubblica Amministrazione

### ***Attività Scientifica ed Editoriale:***

- 4 Libri; 31 Capitoli di Libri
- oltre 300 Lavori in estenso su riviste internazionali
- Impact Factor totale: **2311.4**
- H – Index: **67** (nelle prime 50 posizioni dei Top Italian Scientists/Clinical Medicine)
- Oltre 25,000 Citazioni nella letteratura internazionale
- Oltre 200 Relazioni e Seminari su invito in ambito internazionale

### ***Editor:***

- Giornale Italiano di Cardiologia (rivista ufficiale della Federazione Italiana di Cardiologia) (2002-2007)
- Membro, HEART Committee (Heart Editors' Active Round Table) (2003 - 2007)
- Membro, Task Force “National Society Journals”, European Society of Cardiology (2006 - 2016)

- *Membro del Comitato Editoriale:*
  - 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 - )

***Attività Organizzativa e Manageriale:***

- *Azienda Ospedaliera di Perugia*, Direttore Sanitario (2009 – 2013); Coordinatore, Dipartimento di Scienze Cardio-Toraco-Vascolari (2013 - 2016)
- *European Society of Cardiology*: Segretario, Science Council (1999 - 2002); Representative, “Cluster on Circulation” (1999 - 2002); Chairman, Working Group on “Pathophysiology of Coronary Circulation and Microcirculation” (1996 - 1998); Membro della Task Force “National Society Journals” (2006 - 2016)
- *American College of Cardiology*: Membro, Prevention of Cardiovascular Disease Committee (2011 - ); Work Group on Hypertension; Work Group on Diabetes
- *Heart Failure Association, European Society of Cardiology*: Membro, Committee on Heart Failure with Preserved Ejection Fraction (2008 - 2014); Membro, Committee on Acute Heart Failure (2010 - 2014); Membro, Committee on Diabetes and Hypertension (2018 - )
- *International Society for Heart Research*: Membro, Consiglio Direttivo (1998 - 2004)
- *International Academy of Cardiovascular Sciences*: Membro, Board of Directors (1998 - 2002)
- *Società Italiana di Cardiologia*; Membro, Consiglio Direttivo (1998 – 2001); Presidente, Sezione Tosco-Umbra (2014 - 2016); Coordinatore, Gruppo di Studio “Fisiopatologia del Microcircolo” (2003 - 2005); Coordinatore, Centro Studi (2015 - )
- *Istituto Nazionale Ricerche Cardiovascolari*: Membro, Consiglio Direttivo (1997 - )
- *Società Italiana Ricerche Cardiovascolari*: Membro, Consiglio Direttivo (1997 – 2003)
- *Comitato Etico Regione Umbria*: Membro (2011-2014)
- *Comitato Regionale Valutazione Sinistri, Umbria*: Membro (2011- )
- Presidente, *Commissione Nazionale di Abilitazione a Professore Universitario di Cardiologia* (2017 - 2018)
- Membro del Consiglio Scientifico, *Centro Interuniversitario Healthcare Research & Pharmacoepidemiology* (2017 - )
- Membro del *Comitato Tecnico-Sanitario*, Ministero della Salute (2018 - )

### **Struttura di Cardiologia e Fisiopatologia Cardiovascolare:**

- Division of Cardiology, Johns Hopkins School of Medicine, Baltimore, MD, U.S.A., Accordo-Quadro bilaterale di formazione professionale e ricerca scientifica
- Istituto Cardiologico “Alberto C. Taquini”, Università di Buenos Aires, Argentina, Accordo-Quadro bilaterale di formazione professionale e ricerca scientifica
- Hospital Italiano di Buenos Aires, Argentina, Accordo-Quadro bilaterale di formazione professionale e ricerca scientifica
- Sede dell’Unità Operativa di Fisiopatologia Cardiovascolare dell’Istituto Nazionale di Ricerche Cardiovascolari (Sede Consorziata di Perugia)
- Sede Consorziata del Centro Interuniversitario Healthcare Research & Pharmacoepidemiology
- Istituto di Ricovero e Cura a Carattere Scientifico IRCCS MultiMedica, Milano. Accordo-Quadro bilaterale di formazione professionale e ricerca scientifica

### ***Riconoscimenti:***

- John E. Fogarty International Award for Advanced Study in Health Sciences (#1 FO5 TWO 3435), National Institutes of Health, U.S.A.
- Premio De Gasperis-Donatelli della Società Italiana di Cardiocirurgia
- Premio Master-Pharma, per ricerche in campo cardiologico
- 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 Cardiologia: Miembro Correspondiente Extranjero
- Profesor Honorario, Instituto de Cardiologia “Alberto C. Taquini”, Universidad de Buenos Aires, Argentina
- Premio “Ciociaria nel Cuore”, Amministrazione Provinciale di Frosinone
- Premio “Leonardo da Vinci”, Società Italiana di Cardiologia
- Visiting Professor, University of Nis, Nis, Serbia
- Profesor Honorario, Escuela de Medicina, Hospital Italiano, Buenos Aires, Argentina
- Rumanian Society of Cardiology, Honorary Member

### ***Principali Linee di Ricerca:***

- Fisiopatologia e Clinica dell’Ischemia miocardica
- Fisiopatologia e Clinica del Miocardio “stordito” e “ibernato”
- Fisiopatologia e Clinica dello Scompenso cardiaco
- Meccanismi dello stress ossidativo e del danno miocardico da riperfusione post-ischemica
- Fisiopatologia del microcircolo
- Organizzazione Sanitaria
- Trialistica Clinica

***Principali Progetti di Ricerca Finanziati:***

- **GRACE** (Global Registry of Acute Coronary Events), University of Massachusetts, U.S.A. (2000 - 2009)
- **"Inflammation and Repair in Cardiac Ischemia-Reperfusion"**, Program Project Grant, National Institutes of Health, U.S.A., Grant Number: NIH P01 HL065608 (2004 - 2014)
- **MEDIA** (Metabolic Road to Diastolic Dysfunction), FP VII, European Community (2011 - 2016)
- **CONCERTO** (Content- and Context-aware Delivery for Interactive Multimedia Healthcare Applications) #288502, FP VII, European Community (2011 - 2016)
- **Performance evaluation and value assessment for cardiovascular care paths in a regional network context.** Ministero della Salute NET-016-02363853 (2018 - )

***Coordinamento di ricerche cliniche e farmacologiche:***

- Coordinatore, Centro Studi della Società Italiana di Cardiologia
- Coordinatore Nazionale, **ACUTY** (Acute Catheterization and Urgent Intervention Triage Strategy) trial
- Membro del Consiglio Scientifico, Studio **PROMISE HEART** (Prevalence of abdominal obesity and metabolic syndrome in coronary heart disease)
- Membro dello Steering Committee, e Coordinatore Nazionale, **TRACER** (Thrombin Receptor Antagonist Coronary Event Reduction) trial
- Coordinatore dell'Event Adjudication Committee, **Elderly ACS Study**
- Membro dello Executive Committee, **RED-CABG** (Reduction in Cardiovascular Events by AcaDesign in Patients Undergoing CABG) trial
- Membro dello Operations Committee, e Coordinatore Nazionale, **TECOS** (Trial Evaluating Cardiovascular Outcomes with Sitagliptin in patients with Type 2 Diabetes) trial
- Coordinatore Nazionale, **GARFIELD-AF** (Global Anticoagulant Registry in the FIELD - Atrial Fibrillation) registry
- Membro dello Steering Committee, **CAD** (Efficacy of Ranolazine in patients with Coronary Artery Disease) trial
- Membro dello Operations Committee, e Coordinatore Nazionale, **AEGIS-I** (Apo-A1 Event Reduction in Ischemic Syndromes) trial
- Membro, Committee on Registries and Surveys - Heart Failure Association, European Society of Cardiology
- Membro dello Steering Committee, e Coordinatore Nazionale, **AEGIS-II** (Apo-A1 Event Reduction in Ischemic Syndromes) trial

***Advisory Board and Expert Panel:***

- Losartan Advisory Board, Merck, Italy
- Expert Group on Microcirculation, Servier SA, France
- Global Cardiovascular Exchange Program, Schering Plough Research Institute, USA
- Coordinatore, Data Safety Monitoring Board, studio SMILE IV, Menarini International
- Ranolazine Advisory Board, Menarini International
- Scientific Advisory Board, Angelini S.p.A.
- Study Session “Ricerca Indipendente Farmaci”, AIFA

***Principali Pubblicazioni:***

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 2019 Sep 2. doi: 10.1002/ejhf.1541

Verheugt FW, et al, GARFIELD-AF Investigators. **Outcomes in newly diagnosed atrial fibrillation and history of acute coronary syndromes: insights from GARFIELD-AF.**

American Journal of Medicine 2019 Jul 12. pii: S0002-9343(19)30543-1

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.

*Editoriale di Commento:* 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

*Editoriale di Commento:* 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

*Editoriale di Commento:* Healey JS. The winding path towards rationale antithrombotic therapy to prevent stroke in patients with atrial fibrillation. European Heart Journal 39:474-476, 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

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. **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

Citazioni = 100

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 17:1172-81, 2015

*Editoriale di Commento:* Gargani L. Prognosis in heart failure: look at the lungs. European Journal of Heart Failure 17:1086-8.

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

*Editoriale di Commento:* 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(Suppl 1):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

*Citazioni = 195*

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, et al. **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

*Editoriale di Commento:* 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

*Citazioni = 654*

Ghiadoni L, et al. **Assessment of flow-mediated dilation reproducibility: a nationwide multicenter study**

Journal of Hypertension 30:1399-405, 2012

*Editoriale di Commento:* O'Rourke MF: Endothelial (DYS) Function: Quo vadis, Cur vadis. Journal of

Hypertension 30:1321–1324, 2012

*Citazioni = 101*

Verdecchia P, et al. **Day-night dip and early-morning surge in blood pressure in hypertension: prognostic implications**

Hypertension 60:34-42, 2012

*Citazioni = 228*

*Best Paper in Epidemiology 2012*

*Editoriale di Commento:* 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 Cardiovasc Imaging 4:1067-76, 2011

*Editoriale di Commento:* 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**

Journal of Hypertension 29:1253–1269, 2011

*Citazioni = 276*

*Editoriale di Commento:* Lv J, Perkovic V: Blood pressure management in diabetes: a path forward? Journal of

Hypertension 29:1283–1284, 2011

Ambrosio G, et al. **β-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 ACUTY trial**

European Journal of Cardiovascular Prevention and Rehabilitation 18:121–128, 2011

S Sitia, et al. **From endothelial dysfunction to atherosclerosis.**

Autoimmunity reviews 9 (12), 830-834

*Citazioni = 365*

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**

Journal of the American College of Cardiology 55:2480–8, 2010.

*Citazioni = 120*

*Editoriale di Commento:* 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.**  
Journal of the American College of Cardiology 54:989-96, 2009. *Citazioni = 170*  
*Editoriale di Commento:* Landesberg G, Mosseri M: "Prophylactic pre-operative coronary revascularization: is the Phoenix awakening? Journal of the American College of Cardiology 54:996-998, 2009.
- Carluccio E, et al. **Effect of revascularizing viable myocardium on left ventricular diastolic function in patients with ischemic cardiomyopathy.**  
European Heart Journal 30:1501-1509, 2009.
- 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.  
*Editoriale di Commento:* Jeppsson A: "Invited Commentary", Annals of Thoracic Surgery 87:52-53, 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 2:437-443, 2009 *Citazioni = 140*
- 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. *Citazioni = 134*
- Pries AR et al. **A review of methods for assessment of coronary microvascular disease in both clinical and experimental settings**  
Cardiovascular Research 80; 165-174, 2008 *Citazioni = 123*
- Guerra-Guttenberg R, et al. **Chagas cardiomyopathy: Europe is not spared**  
European Heart Journal 29, 2587-2591, 2008 *Citazioni = 102*
- 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 *Citazioni = 168*
- 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.  
*Editoriale di Commento:* Chambers DJ: "Oxidative stress injury during cardiac surgery: how important is it?"  
Cardiovascular Research 73:626-629, 2007.
- 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. *Citazioni = 147*
- Carluccio E, et al. **Patients with hibernating myocardium show altered left ventricular volumes and shape, which revert following revascularization: Evidence that dysnergy may directly induce cardiac remodeling**  
Journal of the American College of Cardiology 47:969-977, 2006. *Citazioni = 137*  
*Editoriale di Commento:* 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**  
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- Verdecchia P, et al. **Risk of cardiovascular disease in relation to achieved office and ambulatory blood pressure control in treated hypertensive subjects**  
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Circulation 104:735-740, 2001. *Citazioni = 655*
- Verdecchia P, et al. **Left ventricular hypertrophy as an independent predictor of acute cerebrovascular events in essential hypertension**  
Circulation 104:2039-2044, 2001. *Citazioni = 343*
- 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. *Citazioni = 306*
- Ambrosio G, Tritto I. **Reperfusion injury: experimental evidence and clinical implications.**  
American Heart Journal 138:69-75, 1999. *Citazioni = 399*
- 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.  
*Editoriale di Commento:* 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. *Citazioni = 332*
- 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. *Citazioni = 236*
- Golino P, et al. **Effects of Tissue Factor induced by oxygen free radicals on coronary flow during reperfusion**  
Nature Medicine 2:35, 1996. *Citazioni = 196*
- Ambrosio G, et al. **The role of oxygen free radicals in preconditioning.**  
Journal of Molecular and Cellular Cardiology 27; 1035-1039, 1995 *Citazioni = 107*
- Ambrosio G, et al. **Oxygen radicals inactivate human plasma acetylhydrolase, the enzyme that catabolizes platelet-activating factor**  
Journal of Clinical Investigation 93:2408, 1994. *Citazioni = 125*
- Pawashe AB, et al. **A monoclonal antibody against rabbit tissue factor inhibits thrombus formation in stenotic injured rabbit carotid arteries.**  
Circulation Research 74; 56-63, 1994 *Citazioni = 169*
- 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. *Citazioni = 569*
- Golino P, et al. **Endothelium-derived relaxing factor modulates platelet aggregation in an in vivo model of recurrent platelet activation**  
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- Ambrosio G, et al. **Oxygen radicals generated at reflow induce peroxidation of membrane lipids in reperfused hearts**  
Journal of Clinical Investigation 87:2056, 1991. *Citazioni = 293*
- 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. *Citazioni = 162*
- 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 *Citazioni = 100*
- Ambrosio G, et al. **Progressive impairment of regional myocardial perfusion following initial restoration of post-ischemic blood flow**  
Circulation 80:1846, 1989. *Citazioni = 542*
- Brevetti G, et al. **Increases in walking distance in patients with peripheral vascular disease treated with L-carnitine: a double-blind, cross-over study**  
Circulation 77:767, 1988. *Citazioni = 226*
- Becker LC, Ambrosio G. **Myocardial consequences of reperfusion.**  
Progress in Cardiovascular Disease 30:23, 1987. *Citazioni = 299*
- 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. *Citazioni = 271*
- 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. *Citazioni = 307*
- 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. *Citazioni = 140*
- 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. *Citazioni = 430*

Autorizzo il trattamento dei dati personali in accordo al dl 196/2003

*Giuseppe Ambrosio*