



## Europass Curriculum Vitae

### Personal information

First name(s) / Surname(s) **Claudio Passino**  
E-mail c.passino@sssup.it  
Nationality Italian  
Date of birth 28.05.1970  
Gender Male

### Occupational field **Cardiologist**

#### Work experience

Dates	<b>May 2015-ongoing</b>
Occupation or position held	<b>Associate Professor of Cardiology at the Institute of Life Sciences of the Scuola Superiore Sant'Anna, Pisa, Italy</b>
Main activities and responsibilities	Research and teaching activity within the field of cardiovascular medicine (MED/11)
Dates	<b>January 2013-ongoing</b>
Occupation or position held	<b>Associate Chief of the Division of Cardiology and Cardiovascular Medicine, Fondazione G. Monasterio CNR-Regione Toscana, Pisa, Italy</b>
Main activities and responsibilities	The Division (2000 admissions/year) deals mainly with patient with cardiovascular diseases and has successfully implemented a standardized program for long-term follow-up of patients with a close integration of the inpatient ward, the day-hospital and the outpatient clinic.
Dates	<b>June 2007-april 2013</b>
Occupation or position held	<b>Assistant Professor at the Institute of Life Sciences of the Scuola Superiore Sant'Anna, Pisa, Italy</b>
Main activities and responsibilities	Research and teaching activity within the field of cardiovascular medicine (MED/11)
Dates	<b>April 2012-December 2012</b>
Occupation or position held	<b>Chief of the Division of Cardiovascular Medicine, Fondazione G. Monasterio CNR-Regione Toscana, Pisa, Italy</b>
Main activities and responsibilities	The Division (750 admissions/year) treated mainly patient with heart failure
Dates	<b>2007-2012</b>
Occupation or position held	<b>Associate Chief of the Division of Cardiovascular Medicine, Fondazione G. Monasterio CNR-Regione Toscana, Pisa, Italy</b>
Dates	<b>2013-ongoing</b>
Occupation or position held	<b>Director of the of the 2<sup>nd</sup> level Master in "Innovation in cardiac surgery: advances in minimally invasive therapeutics medicine" at the Scuola Superiore Sant'Anna, Pisa, Italy</b>
Main activities and responsibilities	Organization and coordination of the teaching activities within the Master course
Dates	<b>2013-ongoing</b>
Occupation or position held	<b>Member of the Teaching Board of the PhD course "Translational Medicine" at the Scuola Superiore Sant'Anna, Pisa, Italy</b>
Main activities and responsibilities	Seminars, Journal clubs and tutoring activity within the PhD course

Dates	<b>2006-ongoing</b>
Occupation or position held	<b>Member of the Teaching Board of the 2<sup>nd</sup> Master in underwater and Hyperbaric medicine of the at the Scuola Superiore Sant'Anna, Pisa, Italy</b>
Main activities and responsibilities	Seminars and tutoring activity within post-doc course
Dates	<b>2007-2013</b>
Occupation or position held	<b>Member of the Teaching Board of the PhD course "Innovative strategies in biomedical research" at the Scuola Superiore Sant'Anna, Pisa, Italy</b>
Main activities and responsibilities	Seminars, journal clubs and tutoring activity within the PhD course
Dates	<b>2013-ongoing</b>
Occupation or position held	<b>Member of the Ethical Committee of the Area Vasta Nord Ovest, Pisa, Italy</b>
Dates	<b>2010-2013</b>
Occupation or position held	<b>Member of the Ethical Committee of the Azienda Ospedaliero-Universitaria Pisana of Pisa</b>
Dates	<b>2011-ongoing</b>
Occupation or position held	<b>Member of the Permanent Ethical Commission of the Italian association for the study of the liver (AISF)</b>
Dates	<b>2007-ongoing</b>
Occupation or position held	<b>Member of the working group of "Fisiologia dell'esercizio, cardiologia dello sport e riabilitazione cardiovascolare" of the Italian Society of Cardiology</b>
Dates	<b>2009-ongoing</b>
Occupation or position held	<b>Advisor for clinical trialing for the "Fondazione G. Monasterio of Pisa.</b>
Main activities and responsibilities	Evaluation and review of clinical research projects to be conducted in the Institute.
Dates	<b>2002-ongoing</b>
Occupation or position held	<b>Member of the Associazione Medici Cardiologi Ospedalieri</b>
Main activities and responsibilities	Research and teaching activity within the field of cardiovascular medicine (MED/11)
Dates	<b>2002-ongoing</b>
Occupation or position held	<b>ANMCO/AHA Basic and Advanced Cardiac Life Support instructor</b>
Main activities and responsibilities	Teaching at BLSD and ACLS courses
Dates	<b>2000-ongoing</b>
Occupation or position held	<b>Article reviewer</b>
Main activities and responsibilities	Active reviewer for several biomedical journals including: Annals of Internal Medicine, Circulation, Journal of the American College of Cardiology, Heart, American Journal of Physiology, Journal of Cardiac Failure, Journal of Congestive Heart Failure, International Journal of Cardiology, American Journal of Cardiology, Journal of Clinical Drug Investigation, Plos-one, Journal of Sport Medicine.
Dates	<b>2003-2011</b>
Occupation or position held	<b>Member of the editorial board of the journal "il Cardiologo" (Editor Prof. A. L'Abbate)</b>
Dates	<b>2013-ongoing</b>
Occupation or position held	<b>Member of the editorial board of the World Journal of Cardiology</b>
Dates	<b>2014-ongoing</b>
Occupation or position held	<b>Member of the editorial board of PLOS-One</b>
Dates	<b>1996-1997</b>
Occupation or position held	<b>Medical Officer in the Italian Army in Turin</b>

## Education, training, awards

Dates 2013

Title of qualification awarded	<b>Abilitazione scientifica nazionale per Professore di II fascia (Italian scientific certification for Associate Professor) in "Settore Concorsuale 06/D1 Malattie dell'apparato cardiovascolare e malattie dell'apparato respiratorio" (Cardiovascular and respiratory diseases)</b>
Dates	2006
Title of qualification awarded	<b>Senior research fellowship</b>
Principal subjects/occupational skills covered	Research activity in the neurohormonal regulation of cardiovascular system, with special attention to heart failure patients
Name and type of organisation providing education and training	<b>Scuola Superiore Sant'Anna</b>
Dates	2004
Title of qualification awarded	<b>Postgraduate School of Sport Medicine, with full honors</b>
Name and type of organisation providing education and training	<b>University of Pisa</b>
Dates	2000
Title of qualification awarded	<b>Postgraduate school of Cardiology, with full honors</b>
Name and type of organisation providing education and training	<b>University of Pavia</b>
Dates	1994
Title of qualification awarded	<b>Degree in Medicine and Surgery with full honors.</b>
Name and type of organisation providing education and training	<b>University of Pavia</b>
Dates	1988-1994
Title of qualification awarded	<b>Scholarship at the Collegio Ghislieri of Pavia</b>
Name and type of organisation providing education and training	<b>Collegio Ghislieri of Pavia</b>
<b>Additional information</b>	
Other skills and competences	Ski instructor in Sestriere (TO), Italy sine 1991
Visiting Professor and research fellowship	<p>1994: Division d'Hypertension, Centre Hospitalier Universitaire Vaudois, Lausanne and Inselspital, Bern, Switzerland (Prof H. Brunner, dr. G Noll): research activity on the mechanisms of autonomic control of peripheral circulation;</p> <p>1994: J Radcliffe Hospital, department of Cardiology, Oxford, U.K. (Prof. P. Sleight): Clinical activity in the ICU and research on the autonomic imbalance during acute myocardial infarction</p> <p>1994: High altitude research expedition in Himalaya, India (Prof. O. Appenzeller, Prof. I. Anand): Role of baroreceptor modulation during acute and subacute exposure to High altitude</p> <p>1995: Bogomoletz Institute of Physiology, Ukrainian National Academy of Sciences, Kiev, Ukraine (Prof. P. Kostyuk, Dr. T. Serebroskaya): evaluation of the effects of intermittent hypoxia on exercise tolerance and autonomic balance;</p> <p>1995 and 1997: Centre for Exercise and Human Physiology, University of New Mexico and New Mexico Health Enhancement and Marathon Clinics research Foundation Albuquerque, USA (Prof. O. Appenzeller, dr. R. Robergs): effects of simulated high altitude on cardiovascular system and autonomic modulation of peripheral circulation;</p>

	1998 and 2006: High altitude research expeditions in Himalaya, EvK2-CNR Pyramid Laboratory, Nepal (Prof. L. Bernardi, dr. R Greene): role of breathing pattern on cardiovascular, muscular, and hematological adaptation to high altitude;
	1999: Dysautonomia Treatment and Evaluation Center, New York University, New York, USA (Prof. F. Akselrod): Cardiovascular regulation in patients with primary dysautonomia
	2000: High altitude research expedition, University Cahetano Heredia, Cerro de Pasco and Lima, Peru. (Prof. C. Monge): effect on autonomic regulation and cardiovascular function of chronic mountain sickness.
Research interests	Neuroendocrine regulation of cardiovascular system in health and in pathological conditions; cardiovascular adaptation to high altitude. Evaluation of new risk factors for coronary artery disease, namely gamma-glutamyl-trasferase. Use of e-health and telemedicine for the care of patients with cardiovascular diseases.
Funded Projects	
	EC 2001-2003: "HHH (3H) Study (Home or Hospital in Heart failure) Home care monitoring of clinical parameters, ECG and respiration in patients with heart failure" EU funded and concluded in 2004 (A multi-country randomised trial of the role of a new telemonitoring system in CHF: the HHH study (Home or Hospital in Heart Failure). Rational, study design and protocol. European Heart Journal Supplements, 2004 6:F99–F102). Role in the Project: Responsible for patient enrolment in the Pisa Unit.
	EC 2009-2011: the "Health at Home project (H@H)" started in February 2009 within the 1st-call of the European AAL Joint Programme. H@H Consortium is composed of six EU partners from Italy, Slovenia and Spain; the project was concluded in 2012 with the development of a new system with the following key features: a) A feasible and user-friendly system for the acquisition, processing, transmission and recording of medical information (ECG, Respiration, Weight, SpO2, Blood Pressure,...); b) An expert monitoring system capable of immediately visualizing the level of criticality of the situation, alerting the health care providers, by analyzing the clinical and monitored data of the patient; c) A new architecture of the socio-sanitary assistance services for patients suffering CHF, taking into account emerging international standards (HL7-RIM, CEN 13606) and EU indications and regulations for the socio-sanitary field, still maintaining the specificities of the single European countries. ( <a href="http://www.health-at-home.eu">http://www.health-at-home.eu</a> ). Role in the Project: Responsible for the demonstration and clinical validation.
	EC 2010-2013: RICHARD: Regional ICT based Clusters for Healthcare Applications and R&D Integration: The RICHARD project was concluded in 2013 and intended to facilitate the definition and sharing of innovative models for the management of chronic conditions based on the use of Information and Communication Technology (ICT) in four different European Regions. Role in the Project: External Expert Reviewer.
Italian Ministry of Health	2014-2016: CARPEDIEM - Comorbidity And Risk Profiles Evaluation in Diabetes and hEart Morbidities: the projectwise aim is the integration of various data sources necessary to define incremental risk levels and at the same time identify personal and clinical features that may characterize morbidity and comorbidity patterns, is just ready to start. Role in the Project: Principal investigator
Tuscany Region	2015-2017: FATE PRE.SCO "Valorizzazione delle proprietà epigenetiche dei genotipi antichi toscani di frumento tenero biofortificati con ferro e zinco nella prevenzione dell'insufficienza cardiaca cronica" Role in the Project: Responsible for the clinical Unit
Tuscany Region	2015-2017: CardioMir.San.To: "Studio delle proprietà cardiorigenerative di microRNA contenuti nelle bacche d'uva sangiovese toscano nella prevenzione dello scompenso cardiaco" Role in the Project: Responsible for the clinical Unit
Meeting Participation/Organization	I have delivered several international lectures and has been invited as a Faculty speaker at the European Society of Cardiology, the European Association for Cardiovascular Prevention and Rehabilitation, the Italian Society of Cardiology meetings. Organization and teaching activity at several local and national meetings.