

Curriculum Vitae

Personal Information:

Name: **SALVATORE BRUGALETTA**

Date of birth: February 24th, 1979

Nationality: Italian

Interventional Cardiologist staff at Hospital Clinic, Barcelona, Spain

E-mail: sabrugaletta@gmail.com; sabrugal@clinic.cat

Languages: English, Spanish, Catalan and Italian.

Medical Training:

Medical school degree: Graduated with the highest marks (magna cum laude) at the Sacred Heart Catholic University, Rome, Italy (July, 2003) with the following thesis: "Modulation of CD4+CD28null T lymphocytes by tumor necrosis factor-alpha blockade in patients with unstable angina" discussed with the Prof. Filippo Crea and Dr. Giovanna Liuzzo and published in Circulation.

Postgraduate internship: at the cardiology division as training for the national medical licensing examination (July 2003- November 2003).

Postgraduate Education:

- Resident in Cardiology from November 2003 to November 2007
- Qualified as Cardiologist (with the highest marks, magna cum laude) at Catholic University of the Sacred Heart, Rome, Italy, November 28th, 2007, with the following thesis: "Characterization of T-lymphocytes in epicardial fat and peripheral blood in patients with ischemic heart disease, treated by CABG" discussed with Prof F. Crea and Dr. Giovanna Liuzzo and Dr. Luigi Marzio Biasucci
- PhD in "Cellular and molecular Cardiology" at Catholic University of the Sacred Heart of Rome, Italy, 22nd April 2012
- PhD in "intracoronary imaging and bioresorbable vascular scaffold" at Erasmus University, Rotterdam, The Netherlands, under the supervision of prof. Patrick W. Serruys and Dr. Hector M. Garcia-Garcia, 22nd May 2012.

Experience in Cardiology and Clinical Studies:

November 2003 - October 2004: first year of residence cardiology training. He acquired experience in diagnostic evaluation and treatment of the adult cardiovascular disease (heart failure, arrhythmias, cardiomyopathies, valve

diseases, ischemic heart disease), under the supervision of Prof. Bellocchi and of Dr. Biasucci

November 2004 - October 2005: second year of residence cardiology training. He acquired experience in the use and interpretation of non-invasive diagnostic techniques (trans-thoracic echocardiography, treadmill stress test, ambulatory ECG monitoring), performing and interpreting more than 1000 echocardiography exams, 600 treadmill tests and 500 Holter-ECG monitoring, under the supervision of Dr. Pennestrì and Dr. Lanza.

November 2005 - October 2006: third year of residence cardiology training. He acquired experience in the management of patients with acute coronary syndromes and acute heart failure in the Intensive Coronary Care Unit under the supervision of prof. Crea and of prof. Rebuzzi. He gained experience also in definitive pacemaker implantation, under supervision of Dott.ssa Pelargonio.

November 2006 - November 2007: fourth year of residence cardiology training. He acquired experience in left and right cardiac catheterization, performing as first operator more than 800 procedures and as second operator about 250 percutaneous coronary interventions (unprotected left main, coronary bifurcations, primary angioplasty, chronic total occlusions), under the supervision of Dr. Mongiardo and Dr. Burzotta. The vast majority of these procedures were performed using the radial artery approach. In addition, he acquired experience in the use of rotablator, flow and Doppler wire, Laser catheter, intra-aortic ballon pump and Impella.

From January 2008 to January 2010: fellow in interventional cardiology in University Hospital of San Paul (Barcelona, Spain) under supervision of Dr. Manel Sabatè. He was study-coordinator and co-investigator of many international trials, as CURRENT, SEPIA-ACS, TRA.CER, AVIO, EXAMINATION, AQUARIUS trials.

From February 2010 to December 2011: research fellow in interventional cardiology in the Thoraxcenter, Erasmus MC, Rotterdam, under supervision of prof. P.W. Serruys. He studied intracoronary imaging techniques (IVUS, IVUS-VH, OCT, NIRS, palpography) for detection and evaluation of atherosclerosis and intracoronary device. In particular he studied imaging of the bioresorbable vascular scaffolds.

From December 2010: interventional cardiologist staff at the “Hospital Clinic i Provincial de Barcelona”, Spain.

He is an expert in treatment of atherosclerosis with bioresorbable vascular scaffolds and in evaluation of atherosclerosis with intracoronary imaging and techniques (IVUS, OCT, FFR, NIRS, palpography, etc). He has performed in his career more than 1000 coronary angiography and around 5000 percutaneous coronary interventions. He is also an expert of TAVI procedure, Mitraclip, left appendage closure and PFO.

He has received numerous awards and grants, such as:

- Research grant from the European Association of Percutaneous cardiovascular interventions in 2007
- Research grant from Spanish society of cardiology for basic research in 2008
- “Young leadership recognition award” from “Cardiovascular Research Technologies” in 2012
- “Young investigator award for Science Population” from European Society of cardiology in 2012

Publications:

Scientific publications in journal with impact factor: 246

Books and chapters: 12

Abstracts in national and international congresses: 130

Lectures at national and international congresses: 50