CURRICULUM VITAE

Prof. Marco Valgimigli, MD, PhD

PERSONAL DETAILS

Date of birth	March 6th, 1972
Place of birth	Forlì (Italy)
Nationality	Italian
Marital Status	Defacto
Children	Riccardo, 25/02/2007 Alessandro, 30/09/2010 Asia, 10/10/2018
Languages	Italian, English, German, French (basic), Dutch (basic)
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EDUCATION / FURTHER EDUCATION

Education

1991	High School degree in foreign languages (60/60)
1991-1997	Faculty of Medicine, University of Bologna, Bologna, Italy

University degrees

1997	Doctor in Medicine and Surgery (equivalent to M.D.), University of Bologna, Italy, Magna cum laude Thesis: Piscaglia F, Zironi G, Gaiani S, Mazziotti A, Cavallari A, Gramantieri L, **Valgimigli M**., Bolondi L. Systemic and Splanchnic Hemodynamic changes after liver transplantation for cirrhosis: a long term prospective study. Hepatology. 30:58-64, 1999.
2003	Degree in Cardiological Sciences University of Ferrara, Ferrara, Italy, Magna cum laude
2006	PhD degree in Interventional Cardiology Erasmus Medical Center, Rotterdam, The Netherlands with a thesis entitled "High-risk percutaneous intervention in the drug eluting stent era" Promoters Professors P.W. Serruys and P. de Feyter

PROFESSIONAL EXPERIENCE

Research activities

1997-1999	Residency in Internal and Emergency Medicine Sciences, winning a national grant University of Bologna, Bologna, Italy, (Prof Bolondi, Mentor)
2004-2005	Clinical and Research Fellowship in Interventional Cardiology, Erasmus University, Thoraxcenter, Rotterdam, The Netherlands, (Mentor, Prof P.W. Serruys)
2006	Centre Hospitalier Universitaire de Caen, Avenue Côte de Nacre 14033 Caen, Normandy, France, Cedex (under the assistance of Prof M. Hamon)
2006-2013	University Hospital of Ferrara, Cardiology Department, Ferrara, Italy
2013-2015	Erasmus Medical Center, Rotterdam, The Netherlands
2015-May 2020	Bern University Hospital, Cardiology department, Bern, Switzerland
June 2020-Current	Cardiocentro Ticino, Cardiology department, Lugano, Switzerland

Clinical activities:

1995-1997	Student-fellow at 1 Internal Medicine Unit Departement, S. Orsola-Malpighi Hospital, University of Bologna, Bologna, Italy
1997-1997	Clerkship in Cardiology at Hospital de Santa Maria, Lisbon, Portugal
1997-1999	Post-graduate fellow at Emergency Medicine Unit, S. Orsola-Malpighi Hospital, University of Bologna, Bologna, Italy
1999-2000	Post-graduate fellow at Coronary Care Unit, S. Anna Hospital, University of Ferrara, Ferrara, Italy
2000-2002	Post-graduate fellow at Haemodynamic Unit, Spedali Civili, University of Brescia, Brescia, Italy
2002-2003	Post-graduate Resident-fellow at Haemodynamic Unit, S. Anna Hospital, University of Ferrara, Ferrara, Italy
2004-2005	Research (PhD training) and clinical fellowship in Interventional Cardiology, Erasmus University, Thoraxcenter, Rotterdam, The Netherlands
2006-2006	Training in complex PCI procedures through radial access at the Centre Hospitalier Universitaire de Caen, Avenue Côte de Nacre Caen, Normandy, France, Cedex (under the assistance of Prof M. Hamon)
2006-2009	Senior attending cardiologist at the University Hospital of Ferrara working full time in the catheterization laboratory
2009-2013	Director of the Catheterization Laboratory at the University Hospital of Ferrara, Ferrara, Italy
2013-2015	Associate Professor of Cardiology at Erasmus Medical Center and Senior Interventional Cardiologist, Thoraxcenter, Rotterdam, The Netherlands
2015-May 2020	Head of clinical research of the Cardiology department, and full-time interventional cardiologist at Inselspital, Bern University Hospital, Switzerland.
2016-May 2020	Extraordinary Professor for invasive cardiology Bern University Hospital, Bern, Switzerland.
June 2020-2025	Deputy Chief of Cardiology at Cardiocentro Ticino, Lugano, Switzerland.
January 2026-current	Chief of Cardiology at Istituto Cardiocentro Ticino, Lugano, Switzerland

Administrative and leadership experience

2009-2013	Director of the Catheterization Laboratory at the University Hospital of Ferrara, Ferrara, Italy Responsible of 6 Interventional Cardiologists and 10 Catheterisation Laboratory Nurses and 5 Technicians
2013-2015	Director of Clinical Research in the field of anti-thrombotics and innovative pharmacological treatment modalities at the Thoraxcentrum, Eramus Medical Center and responsabile person for the interaction between the Erasmus University and clincal research organizations (CRO), including Cardialysis for the planning, execution and oversight of all investigator-driven clinical research activites.
2015-May 2020	Director of Clinical Research of the Cardiology department, Inselspital, Bern University Hospital, Switzerland. Responsabile for the organization, planning and execution of sponsor- and investigator-initiated clinical research in the field of cardiology and interventional cardiology. Local referent for the Cardiopath PhD program, an international PhD program led by the University of Naples, Federico II, involving the University of Bern, Switzerland and the Cardiovascular center OLV, Aalst, Belgium.
June 2020-2025	Deputy Chief of Cardiology at Cardiocentro Ticino, Lugano, Switzerland and head of clinical research.
January 2026-current	Chief of Cardiology at Istituto Cardiocentro Ticino, Lugano, Switzerland

ACADEMIC APPOINTMENTS

2013-2015	Associated Professor, Erasmus Medical Center, Rotterdam, The Netherlands
2015-May 2020	Extraordinary Professor, Bern University Hospital, Cardiology department,Bern, Switzerland
2021-current	Adjunct Professor of Medicine, Faculty of Biomedical Sciences, Università della Svizzera italiana, Lugano, Switzerland
2022-current	Adjunct Professor, University Clinic of Cardiology, Inselspital Bern, Bern, Switzerland

Surgical (Interventional) Subjects

Operation (Intervention) Catalogue

Interventions conducted as operator (2006 – end of June 2025)

17899	Diagnostic coronary angiographies
11234	Percutaneous coronary interventions
789	PFO and LAA closures
787	Transcatheter aortic valve implantations (TAVI)
109	Valvuloplasties
687	Right heart catheterisation
49	Transcatheter edge to edge repairs (Mitral or Tricuspid)
12	Paravalvular leak closures
5	Percutaneous Mitral valve implantations
3	Percutaneous Tricuspid valve implantations
45	Percutaneous treatments for pulmonary embolism (ultra-sound enhanced catheter-direct thrombolysis/mechanical aspiration)
22	Mechanical pulmonary thrombectomy
35	ECMO with percutaneous access
156	Impella 2.5/5.0

Interventions conducted as assistant (2002 – 2006)

1079	Diagnostic coronary angiographies
567	Percutaneous coronary interventions
5	PFO and LAA closures
10	Valvuloplasties
23	Percutaneous trans-spetal myocardial ablations
106	Right heart catheterisations

Interventions conducted as instructor (2006 – end of June 2025)

8867	Diagnostic coronary angiographies
4455	Percutaneous coronary interventions
85	PFO and LAA closures
19	Valvuloplasties
578	Right heart catheterisations
95	TAVIs
15	Percutaneous treatments for pulmonary embolism (ultra-sound enhanced catheter-direct thrombolysis/mechanical aspiration)
5	Mechanical pulmonary thrombectomy
15	ECMO with percutaneous access
33	Impella 2.5/5.0

Organisational responsibilities

2007-2013	Head of Invasive Cardiology, University Hospital Ferrara, Cardiology Department, Ferrara, Italy
2006-2013	Head of Research, University Hospital Ferrara, Cardiology Department, Ferrara, Italy
2013-2015	Group Leader, cardiac research on anti-thrombotic agents, University Clinic for Cardiology, Department Thorax, University Hospital Erasmus Medical Center Rotterdam, The Netherlands
2015-2020	Extraordinary Professorship for invasive cardiology and Head of Clinical Research, Bern University Hospital, Bern, Switzerland
2018	Chief and Professor of Cardiology (succession of Prof. Daniel Wagner) University Hospital Lausanne, Switzerland secondo loco (primo loco: Prof. O. Müller)
2018-2023	Member of Scientific Advisory Board (DKF) University Hospital Basel, Department of Clinical Research
June 2020-current	Deputy Chief of Cardiology at Cardiocentro Ticino, Lugano, Switzerland and head of clinical research.

European Society of Cardiology (ESC)

2006-2017	Committee Member, ESC Press Committee
2007-current	Fellow of the European Society of Cardiology (ESC)
2013-2016	Editor of the ESC Congress News
2013-2015	Committee Member, Congress Program Committee
2015-2017	Chair, Congress Program Committee
2013-2017	European Association of Percutaneous Coronary intervention (EAPCI) Board member
2024-2026	Pillar Chair of the EAPCI Science & Research Pillar, European Association of Percutaneous Coronary inter- vention (EAPCI)

Clinical Practice Guidelines Committee from the European Society of Cardiology

2011-2011	Reviewer ESC Guidelines for the Diagnosis and Treatment of Non-ST Segment Elevation Acute Coronary Syndromes

2011-2012	Task Force Member ESC Guidelines for the Management of ST-Segment Elevation Myocardial Infarction
2012-2014	Task Force Member ESC Guidelines on Myocardial Revascularization Task Force on Myocardial Revascularization of the European Society of Cardiology (ESC) and the European Association for Cardio-Thoracic Surgery (EACTS)
2012-2014	Reviewer Coordinator ESC Guidelines for the Diagnosis and Treatment of Stable Coronary Artery Disease
2013-2015	Task Force Member (Section Coordinator) ESC Guidelines for the Diagnosis and Treatment of Non-ST Segment Elevation Acute Coronary Syndromes
2015-2017	Chair–Task Force ESC Guidelines DAPT Focused Update on Myocardial Revascularization Task Force on Myocardial Revascularization of the European Society of Cardiology (ESC) and the European Association for Cardio-Thoracic Surgery (EACTS)
2015-2017	Task Force Member (Section Coordinator) ESC Guidelines for the Diagnosis and Treatment of ST Segment Elevation Myocardial Infarction
2016-2018	Reviewer ESC Scientific Document Group. Fourth universal definition of myocardial infarction (2018).
2017-2019	Task Force Member of the ESC guidelines for the diagnosis and treatment of patients with stable coronary artery disease.
2019	Task Force Member of the 2020 ESC Guidelines for the management of atrial fibrillation
2019	Reviewer 2020 ESC Guidelines for the management of patients with non-ST segment elevation myocardial infarction
2020	Chair of the Joint EAPCI, ACCA and EAPC Paper on Anti-thrombotic treatment strategies for secondary prevention in patients with established coronary atherosclerotic disease

European Association of Percutaneous Coronary Intervention

2011-2016	Chair, Research Committee from the European Association of Percutaneous Coronary Intervention (EAPCI)
2024-2026	Pillar Chair of the EAPCI Science & Research Pillar

International Courses on Percutaneous Cardiovascular Interventions

2010-2020	Committee Program Member, PCR–course on cardiovascular interventions, EuroPCR, Paris, France
2011-2016	Committee member Program, TCT–course on cardiovascular interventions, New York, USA
2016-2021	Associate director TCT Program Commitee–course on cardiovascular interventions, New York, USA

Live-Case Transmissions

2013	Live-case Transmission for Rotterdam Course on Biovascular Scaffold
2014	Live-case Transmission for Rotterdam Course on Biovascular Scaffold
2015	Live-case Transmission for Prague Cardiovascular Course
2023	Live-case Transmission for India Complex Course

Editorial Board Member

2012-2024	Journal of the American College of Cardiology – Cardiovascular Interventions
Since 2013	EuroIntervention
Since 2010	Future Cardiology
Since 2015	Asia Pacific Intervention
Since 2018	Assitant Editor of the European Heart Journal: Acute Cardiovascular Care
Since 2018	Circulation Cardiovascular Intervention

Clinical Event Committee Member

2009	Member, RESOLUTE Trial
2010	Member, NEVO 2 Trial
2011	Member, NEXT Trial
2013	Member, EXECUTIVE Trial
2015	Member, RESERVOIR I Trial
2019	Member, EURO-SHOCK Trial

Data Safety Monitoring Board Committee Chair or Member

2017-2019	DSMB Chair of the Revacept, a Novel Inhibitor of Platelet Adhesion in Patients with Stable Coronary Artery Disease

	Undergoing Elective Percutaneous Coronary Interventions: A Phase II, Multicentre, Randomised, Dose-Finding, Double-Blind and Placebo-Controlled Study
2023-current	DSMB Chair of the IONMAN Trial: First In Human Study of the IoNIR Ridaforolimus-Eluting Coronary Stent System
2022-current	DSMB Chair of the REBOOT Trial: tREatment with Beta-blockers after myOcardial infarction withOut reduced ejection fracTion (REBOOT)
2024-current	DSMB member of the S The Value of IVL Compared To OPN Non-Compliant Balloons for Treatment of RefractorY Coronary Lesions (VICTORY) Trial

Review for Peer Reviewed Journals

Cardiology

Circulation, Journal of the American College of Cardiology (JACC), European Heart Journal (EHJ), EuroIntervention, Circulation Cardiovascular Interventions, Journal of the American College of Cardiology Cardiovascular Interventions, American Heart Journal, American Journal of Cardiology (AJC), Catheterization and Cardiovascular Interventions (CCI), Journal of Invasive Cardiology, Heart, Journal of Cardiovascular, JAMA Cardiology

Internal Medicine

New England Journal of Medicine (NEJM), Lancet, Journal of the American Medical Association (JAMA), British Medicine Journal (BMJ), Archieves of Internal Medicine, Annals of Internal Medicine.

Teaching

2013	Contract professor of invasive cardiology for nurses at the University of Ferrara (target audience: care staff)
2013	Contract professor of invasive cardiology for radiology technicians at the University of Ferrara (target audience: care staff)
2013	Contract professor of invasive cardiology for residents in the specialization course of Cardiology at the University Hospital of Ferrara Italy (target audience: Doctors in Medicine attending the specialization course in cardiology)
2014-2015	Responsible Person of the COEUR (Cardiovascular Research School) course on anti-thrombotics devoted to PhD students of the Erasmus Medical Center institution (target audience: PhD students comprising doctors in medicine or biology)
2015-2020	Involved in the organisation and execution of the weekly journal clubs and Grand Rounds with staff members and visiting professors at Inselspital, Bern.

2020-current	Involved in the organisation and execution of the weekly journal clubs and Grand Rounds with staff members and visiting professors at Cardiocentro, Ticino, Lugano.
2020-current	Teacher for invasive cardiology and anti-thrombotics in cardiology courses to residents of Internal medicine/ cardiology and nurses at ICCT Institution, Lugano, Switzerland
2021-current	Professor of Medicine, Faculty of Biomedical Sciences, Università della Svizzera italiana, Lugano, Switzerland, regularly involved in providing frontal lessons and in examinations for students in medicine attending USI.

Scientific work and Funding

Marco Valgimigli has raised 71'745'273 million Euros/Swiss Francs as main applicant, of which 64'468'860 million via non-competitive funds and 7'276'413 Euros/Francs as competitive funds, including Swiss National Foundation, Swiss Heart Foundation, Innosuisse, Inselspital, Fondazioni Ticinesi, MURST, and Regione Emilia Romagna.

Investigator Initiated Trials

Financial support of the Ministery for University and Scientific and Technological research [MURST]

Project:	Tailoring the choice of P2Y12 oral receptor blockers by integrating loss of function alleles to phenotype assessment via point of care testing versus standard of care in patients who undergo percutaneous coronary intervention: a randomized multicenter trial
Support:	Ministry for University and Scientific and Technological Research [MURST]
Nr. of partner:	10
Own function:	Principal Investigator
Period:	2012-2015
Total amount:	Euro 336'700.00

Financial support from REGIONE EMILIA ROMAGNA

Project:	Single High-Dose BoluS TiRofibAn and Sirolimus Eluting STEnt versus Abciximab and Bare Metal Stent in Acute MYocardial Infarction (STRATEGY) Study
Support:	Regione Emilia Romagna
Nr. of partner:	1
Own function:	Principal Investigator
Period:	2003-2006
Total amount:	Euro 250'000.00

Financial support from SNSF – Swiss National Science Foundation

Project:	GLASSY: GLOBAL LEADERS Adjudication Sub-Study
Support:	SNSF
Nr. of partner:	19 (including Bern)
Own function:	Principal Investigator
Period:	2018
Total amount:	CHF 19'200.00 (SNF)

Financial support from Swissheart Foundation (Schweizerische Herzstiftung)

Project:	Establishing Reference Values for the Diagnosis of Coronary Artery Ectasia in Current
Support:	Swiss Foundation of Cardiology
Own function:	Principal Investigator
Period:	2019
Total amount:	CHF 80'000.00

Financial support from Innosuisse – Agenzia svizzera per la promozione dell'innovazione

Project:	MOCA I Microvascular Obstruction with the CoFI™ System Assessment
Support:	Innosuisse & CorFlow
Nr. of Partner:	4
Own function:	Principal Investigator
Period:	2019 - 2020
Total amount:	265'920.00

Financial support from Merck, USA

Project:	MULTISTRATEGY: MULTIcentre evaluation of Single high-dose bolus TiRofiban versus Abciximab with sirolimus eluting sTEnt or Bare Metal Stent in Acute Myocardial Infarction studY
Support:	University of Ferrara, support from Merck
Nr, of partner:	16
Own function:	Principal Investigator
Period:	2004-2008
Total amount:	Euro 500'000.00

Financial support from Merck, USA

Project:	3T/2R: Tailoring Treatment With Tirofiban in Patients Showing Resistance to Aspirin and/or Resistance to Clopidogrel
Support:	University of Ferrara, industry support from MERCK
Nr. of partner:	12

Own function: Principal Investigator
Period: 2005-2009
Total amount: Euro 700'000.00

Financial support from Eli Illy, USA

Project: FABOLUS SYNCHRO: Facilitation through Abciximab by dropping infusion line in patients undergoing coronary stenting. Synergy with clopidogrel at high loading dose regimen.
Support: University of Ferrara, industry support from Eli Lilly
Nr. of partner: 1
Own function: Principal Investigator
Period: 2006-2008
Total amount: Euro 150'000.00

Financial support from Correvio, USA

Project: FABOLUS PRO: Facilitation through Aggrastat By drOpping or shortening Infusion Line in patients with ST-segment elevation myocardial infarction compared to or on top of PRasugrel given at loading dOse
Support: University of Ferrara, industry support from Correvio
Nr. of partner: 1
Own function: Principal Investigator
Period: 2009-2011
Total amount: Euro 250'000.00

Financial support from Sanofi and Abbott Vascular, USA

Project: PRODIGY: PROlonging Dual antiplatelet treatment after Grading stent-induced Intimal hyperplasia study
Support: University of Ferrara, industry support from Sanofi and Abbott Vascular
Nr. of partner: 3
Own function: Principal Investigator
Period: 2005-2008
Total amount: Euro 150'000.00

Financial support from Medtronic, USA

Project: ZEUS: Zotarolimus-eluting Endeavor sprint stent in Uncertain DEScandidates
Support: University of Ferrara, industry support from Medtronic
Nr. of partner: 19
Own function: Principal Investigator
Period: 2009-2011
Total amount: Euro 650'000.00

Financial support from The Spanish Society of Cardiology, Spain

Project:	EXAMINATION: Evaluation of the Xience-V stent in Acute Myocardial INfArcTION
Support:	Spanish Society of Cardiology
Nr. of partner	12
Own function:	Executive Committee member und National lead investigator for Italy
Period:	2009-2011
Total amount:	Euro 767'400.00

Financial support from The Medicines Company, USA and Terumo, Japan

Project:	MATRIX: Minimizing Adverse Haemorrhagic Events by Transradial Access Site and Systemic Implementation of Angiox (MATRIX)
Support:	Italian Society of Interventional Cardiology, industry support from The Medicines Company and Terumo
Nr. of partner:	79
Own function:	Principal Investigator
Period:	2011-2017
Total amount:	Euro 3'267'000.00

Financial support from Biosensors, Switzerland, The Medicines Company, USA and Astra Zeneca, Sweden

Project:	Global LEADERS: Comparative effectiveness of 1 month of ticagrelor plus aspirin followed by ticagrelor monotherapy versus a current-day intensive dual antiplatelet therapy in all-comers patients undergoing percutaneous coronary intervention with bivalirudin and biomatrix family drug-eluting stent use.
Support:	ECRI–European Cardiovascular Research Insitute, industry support from a consortium with Biosensors, Astra Zeneca and The Medicines Company
Nr. of partner:	123
Own function:	Co-Principal Investigator
Period:	2013-2018
Total amount:	Euro 33'000'000.00

Financial support from Inselspital, Bern and ECRI, Rotterdam

Project:	GLASSY: GLOBAL LEADERS Adjudication Sub-Study
Support:	Inselspital, Bern University Hospital, and ECRI–European Cardiovascular Research Insitute
Nr. of partner:	19 (including Bern)
Own function:	Principal Investigator

Period:	2017-2018
Total amount:	CHF 650'000.00

Financial support from Astra Zeneca, Sweden

Project:	HIGH-TECH: Hunting for the off-target properties of Ticagrelor on Endothelial function and other circulating biomarkers in humans
Support:	Erasmus Medical Center, industry support from Astra Zeneca
Nr. of partner:	5 (including Bern)
Own function:	Principal Investigator
Period:	2015-2017
Total amount:	Euro 443'000.00

Financial support from Medicure, Canada

Project:	FABOLUS FASTER: Facilitation Through Aggrastat or Cangrelor Bolus and Infusion Over prasugreL: a mUlticenter Randomized Open-label Trial in patientS With ST-elevation Myocardial inFarction Referred for primAry percutaneouS inTERvention
Support:	Inselspital, Bern University Hospital, industry support from Medicure
Nr. of partner:	6 (including Bern)
Own function:	Chair and Principal Investigator
Period:	2017-2019
Total amount:	CHF 707'000.00

Financial support from Terumo, Japan

Project:	MASTER-DAPT: Management of High Bleeding Risk Patients Post Bioresorbable Polymer Coated Stent Implantation With an Abbreviated Versus Prolonged DAPT Regimen
Support:	ECRI, Cardialysis, Bern University Hospital, Terumo Medical Corporation
Nr. of partner:	100 (including Bern)
Own function:	Chair and Principal Investigator
Period:	2017-2019
Total amount:	Euro 16'500'000.00

Financial support from Abbott Vascular, USA

Project:	SWISS APERO: Comparison of Amplatzer Amulet vs Watchman device in patients undergoing left atrial appendage closure

Support:	Inselspital, Bern University Hospital, industry support from Abbott Vascular
Nr. of partner:	8
Own function:	Chair and Principal Investigator
Period:	2018-2019
Total amount:	CHF 400'000.00

Financial support from Daiichi Sankyo, Japan

Project:	Edoxaban and/or colchicine for patients with COVID-19 managed in the out-of-hospital setting (CONVINCE):
Support:	Daiichi-Sankyo,
Nr. of partner:	24
Own function:	Principal Investigator
Period:	2020-2023
Total amount:	CHF 500'000.00

Financial support from Foundazione Fidinam, Lugano, Switzerland

Project:	Edoxaban and/or colchicine for patients with COVID-19 managed in the out-of-hospital setting (CONVINCE):
Support:	Daiichi-Sankyo,
Nr. of partner:	24
Own function:	Principal Investigator
Period:	2020-2023
Total amount:	CHF 50'000.00

Financial Support from Innosuisse – Agenzia svizzera per la promozione dell'innovazione

Project:	Enhanced blood flow and pressure measurements with PhysioCath-microcatheter for reliable diagnosis of 'Ischemia with Non-Obstructive Coronary Artery - INOCA study
Support:	Innosuisse
Nr. of partner:	3
Own Function:	Principal Investigator
Period:	2024-2026
Total amount:	CHF 1'115'933.00

Financial Support from SNSF - Swiss National Science Foundation

Project:	The role of cardiovascular magnetIc resonance in non-ST-elevAtion-myocardial iNfarction - TITAN-MRI study
Support:	SNSF
Nr. of partner:	4
Own Function:	Partner
Period:	from 2022
Total amount:	CHF 356'000

Financial Support from Concept Medical Inc., Tampa, FL

Project: TicIn for the Treatment of coronAry lesioNs with Drug Eluting Balloons -TITAN-DEB study
Support: Concept Medical Inc., Tampa, FL
Nr. of partner: 9
Own Function: Principal Investigator
Period: rom 2022
Total amount: CHF 806'830

Financial support from Sahajanand Medical Technologies Ireland

Project: Monotherapy with a P2Y12 inhibitor followed by a direct-acting oral anticoagulant in patients with ATRial fIbrillation undergoing suprafleX Cruz coronary stent implantation - MATRIX-2
Support: Sahajanand Medical Technologies, Ireland
Nr. of partner: 120
Own Function: Co-Principal Investigator
Period: from 2023
Total amount: EUR 6'000'000

Financial Support from OM Pharma Suisse SA

Project: Minimally INvasive cOronary arTery bypAss sUpported by cangRelor -MINOTAUR study
Support: OM Pharma Suisse SA
Nr. of partner: 1
Own Function: Principal Investigator
Period: from 2023
Total amount: CHF 132'760

Financial Support from Innosuisse – Agenzia svizzera per la promozione dell'innovazione

Project: Blood wave diagnostics of coronary microvascular diseases based on the PyCath pressure-velocity sensing micro-catheter
Support: Innosuisse
Nr. of partner: 3
Own Function: Investigator
Period: 2024-2025
Total amount: CHF 866'560

Financial Support from SNSF – Swiss National Science Foundation

Project: Cerebral LEsions by mAgnetic Resonance in the MATRIX 2 - CLEAR MATRIX 2 study
Support: SNSF

Own Function: Principal Investigator
Period: from 2024
Total amount: CHF 500'000

Financial support from Cordis, USA

Project: TicIn for the Treatment of coronAry lesioNs – PlAque Regression AnD stabilIsation with Sirolimus Elution Pilot Study - TITAN PARADISE Pilot
Support: Cordis, USA
Nr. of partner: 1
Own Function: Principal Investigator
Period: from 2024
Total amount: CHF 158'800

Financial support from Viatris, Switzerland

Project: deFinition of Ischemic patterNs Generated by wEarables through Processing by aRtificial INTelligence in patients with Coronary Artery Disease: the FINGERPRINT-CAD study
Support: Viatris, Switzerland
Nr. of partner: 1
Own Function: Principal Investigator
Period: from 2025
Total amount: CHF 53'960

Financial support from Viatris, Switzerland

Project: Patient-RepOrted appraisal of Myocardial Infarction Symptoms and Experiences: the PROMISE observational study
Support: Viatris, Switzerland
Nr. of partner: 1
Own Function: Principal Investigator
Period: from 2025
Total amount: CHF 49'510

Financial Support from SNSF – Swiss National Science Foundation

Project: TicIn for the Treatment of coronAry lesioNs - PlAque Regression AnD stabilISation with drug Eluting balloons (TITAN-PARADISE)", 33IC30_229732
Support: SNSF, IICT call
Nr. of partner: 30
Own Function: Main Applicant/Principal Investigator
Period: from 2025 (60-month duration)
Total amount: CHF 2'068'700

Trials Initiated by Industry

Project:	EARLY ACS: Early Glycoprotein IIb/IIIa Inhibition in Non-ST-Segment Elevation Acute Coronary Syndrome
Support:	Scheri
Nr. of partner:	140
Own function:	Local Principal Investigator
Period:	2007-2009

Project:	Evaluation of Safety and Efficacy of Short-term A-002 Treatment in Subjects With Acute Coronary Syndrome
Support:	Anthera Pharmaceuticals
Nr. of partner:	362
Own function:	Local Principal Investigator
Period:	2010-2012

Project:	LANCELOT-ACS: Lessons from Antagonizing the Cellular Effect of Thrombin-Acute Coronary Syndrome
Support:	EISAI
Nr. of partner:	440
Own function:	Local Principal Investigator
Period:	2004-2008

Project:	STABILITY: Stabilization of Atherosclerotic Plaque by Initiation of Darapladib Therapy Unterstützung: GlaxoSmithKline
Nr. of partner:	663
Own function:	Local Principal Investigator
Period:	2008-2010

Project:	STREAM: Strategic Reperfusion Early after Myocardial Infarction
Support:	Boehringer Ingelheim
Nr. of partner:	99
Own function:	Local Principal Investigator
Period:	2008-2010

Project:	SOLID-TIMI 52: Stabilization of Plaque Using Darapladib-Thrombolysis in Myocardial Infarction 52
Support:	GlaxoSmithKline
Nr. of partner:	99
Own function:	Local Principal Investigator
Period:	2008-2010

Project:	TRACER: Thrombin Receptor Antagonist for Clinical Event Reduction in Acute Coronary Syndrome

Support:	Merck
Nr. of partner:	818
Own function:	Steering Committee member und local Principal Investigator
Period:	2009-2011

Project:	FAME 2: Fractional Flow Reserve versus Angiography for Multi- vessel Evaluation 2
Support:	St. Jude
Nr. of partner:	28
Own function:	Local Principal Investigator
Period:	2011-2012

Project:	BIOSOLVE 3: Acute performance of a drug-eluting absorbable metal scaffold (DREAMS 2G) in patients with de novo lesions in native coronary arteries
Support:	Biotronik
Nr. of partner:	8
Own function:	local Principal Investigator
Period:	2015-2020

Project:	P2Y12 Open label, randomized, study to assess the onset of platelet aggregation inhibition after a single subcutaneous injection of ACT-246475 in adults with acute myocardial infarction
Support:	IDORSIA
Nr. of partner:	6
Own function:	Principal Investigator
Period:	2018

Project:	XIENCE 28 SHORT DAPT
Support:	Abbott Vascular
Nr. of partner:	50
Own function:	Co-Principal Investigator
Period:	2018-2019

Project:	BIOFLOW-DAPT (Biodegradable-Polymer or Durable-Polymer Stents in Patients at High Bleeding Risk)
Support:	BIOTRONIK
Nr. of partner:	52
Own function:	Principal Investigator
Period:	2019-2023

Executive Committee Member of the following Trials:

ENTRUST-AF-PCI: Evaluation of the Safety and Efficacy of an Edox- aban-based Compared to a Vitamin K Antagonist-based Antithrombotic Regimen in Subjects With Atrial Fibrillation Following Successful Percu- taneous Coronary Intervention (PCI) With Stent Placement.

Sponsor Daiichi Sankyo, Inc.

National Coordinator and Steering Committee Member of the following Trials:

TRACER: Thrombin Receptor Antagonist for Clinical Event Reduction in Acute Coronary Syndrome

Sponsor: Merck

ODISSEY OUTCOMES: A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study to Evaluate the Effect of Alirocumab (SAR236553/ REGN727) on the Occurrence of Cardiovascular Events in Patients Who Have Recently Experienced an Acute Coronary Syndrome

Sponsor: Sanofi

EXAMINATION: Evaluation of the Xience-V stent in Acute Myocardial INfArcTION

Sponsor: Spanish Society of Cardiology

AUGUSTUS: An Open-label, 2 x 2 Factorial, Randomized Controlled, Clinical Trial to Evaluate the Safety of Apixaban vs. Vitamin K Antagonist and Aspirin vs. Aspirin Placebo in Patients With Atrial Fibrillation and Acute Coronary Syndrome or Percutaneous Coronary Intervention

Sponsor: Bristol-Myers Squibb

EXCEL: Evaluation of XIENCE versus Coronary Artery Bypass Surgery for Effectiveness of Left Main Revascularization (EXCEL) trial

Sponsor: Abbott Vascular

REGULATE-PCI: Effect of the REG1 anticoagulation system versus bivalirudin on outcomes after percutaneous coronary intervention (REGULATE-PCI): a randomised clinical trial.

Sponsor: Regado Biosciences, Inc.

LIBREXIA ACS: A Study of Milvexian in Participants After a Recent Acute Coronary Syndrome

Sponsor: Bristol Myers Squibb-Janssen

Executive Committee Member of the following Trials:

ENTRUST-AF-PCI: Evaluation of the Safety and Efficacy of an Edox- aban-based Compared to a Vitamin K Antagonist-based Antithrombotic Regimen in Subjects With Atrial Fibrillation Following Successful Percu- taneous Coronary Intervention (PCI) With Stent Placement.

Sponsor Daiichi Sankyo, Inc.

ENVISAGE-TAVI-AF: Edoxaban Versus Standard of Care and Their Effects on Clinical Outcomes in Patients Having Undergone Transcatheter Aortic Valve Implantation (TAVI) - in Atrial Fibrillation.

Sponsor Daiichi Sankyo, Inc.

GALILEO: Global Multicenter, Open-label, Randomized, Event-driven, Active-controlled Study Comparing a rivAroxaban-based Antithrombotic Strategy to an antipLatelet-based Strategy After Transcatheter aortIc vaLve rEplacement (TAVR) to Optimize Clinical Outcomes.

Sponsor Bayer

SOS-AMI: Selatogrel Outcome Study in suspected Acute Myocardial Infarction.

Sponsor: Viatris

Pincipal Investigator of the following Investigator- or industry-initiated Clinical Trials:

ADVANCE (Investigator-initiated): the additive value of tirofiban administered with the high-dose bolus in the prevention of ischemic complications during high-risk coronary angioplasty

STRATEGY (Investigator-initiated): Single High-Dose BoluS TiRofibAn and Sirolimus Eluting STEnt versus Abciximab and Bare Metal Stent in Acute MYocardial Infarction

MULTISTRATEGY (Investigator-initiated): Multicentre Evaluation of High-Dose Bolus Tirofiban and Sirolimus Eluting Stent versus Abciximab and Bare Metal Stent in Acute Myocardial Infarction - MULTI-STRATEGY

3T/2R Trial (Investigator-initiated): tailoring treatment with tirofiban in patients showing resistance to aspirin and/or resistance to clopidogrel

Fabolus Synchro Trial (Investigator-initiated): Facilitation through Abciximab By drOpping Infusion Line in patients Undergoing coronary Stenting. SYNergy with Clopidogrel at High loading dOse Regimen

Fabolous pro Trial (Investigator-initiated): Facilitation through Aggrastat By drOpping or shortening Infusion Line in patients with ST-segment elevation myocardial infarction compared to or on top of PRasugrel given at loading dOse

Fabolous faster Trial (Investigator-initiated): Facilitation Through Aggrastat or Cangrelor Bolus and Infusion Over Prasugrel: A Multicenter Randomized Open-Label Trial in Patients with ST-Elevation Myocardial Infarction Referred for Primary Percutaneous Intervention

High-Tech Trial (Investigator-initiated): Hunting for the off-target propertIes of Ticagrelor on Endothelial function and other Circulating biomarkers in Humans (HI-TECH)

ZEUS Trial (Investigator-initiated): Zotarolimus-eluting Endeavor sprint stent in Uncertain DES candidates

PRODIGY Trial (Investigator-initiated): Prolonging Dual Antiplatelet Treatment After Grading Stent-Induced Intimal Hyperplasia Study

MATRIX Programme (Investigator-initiated): Minimizing Adverse Haemorrhagic Events by Transradial Access Site and Systemic Implementation of Angiox

GLOBAL-LEADERS Trial (Investigator-initiated): ticagrelor monotherapy versus standard dual antiplatelet therapy followed by aspirin monotherapy in patients undergoing biolimus-eluting stent implantation

GLASSY Trial (Investigator-initiated): GLOBAL LEADERS Adjudication Sub-study

XIENCE SHORT DAPT Programme (Industry-initiated): Three or One Month DAPT in Patients at High Bleeding Risk Undergoing Everolimus-Eluting Stent Implantation

IDORSIA Phase II Trial with ACT-246475 P2Y12 (Industry-initiated): Open label, randomized, study to assess the on- set of platelet aggregation inhibition after a single sub- cutaneous injection of ACT-246475 in adults with acute myocardial infarction

BIOFLOW-DAPT (Industry-initiated): Biodegradable-polymer or durable-polymer Stents in Patients at High Bleeding Risk

SWISS-APERO (Investigator-initiated): Comparison of Amplatzer Amulet vs Watchman device in patients undergoing left atrial appendage closure

TITAN-DEB Trial (Investigator-initiated): The TicIn for the Treatment of coronAry lesioNs with Drug Eluting Balloons

MINOTAUR Trial (Investigator-initiated): Minimally INvasive cOronary arTery bypAss sUpported by cangRelor

PARADISE-DEB Trial (Investigator-initiated): TicIn for the Treatment of coronAry lesioNs – PlAque Regression AnD stabilIsation with Sirolimus Elution. Pilot Study

MATRIX-2 Trial (Investigator-initiated): Monotherapy with a P2Y12 inhibitor followed by a direct-acting oral anticoagulant in patients with ATRial fIbrillation undergoing suprafleX cruz coronary stent implantation

CLEAR-MATRIX-2 Trial (Investigator-initiated): Cerebral LEsion by mAgnetic Resonance in the MATRIX-2

NATURE Trial (Investigator initiated): NeVa Thrombectomy device as Adjunctive Reperfusion Modality in ST-segment Elevation Myocardial Infarction

Promotion of junior researchers

PhD/Cardiology students

Patrizia Malagutti

Valgimigli M, Ceconi C, **Malagutti P**, Merli E, Soukhomovskaia O, Francolini G, Cicchitelli G, Olivares A, Parrinello G, Percoco G, Guardigli G, Mele D, Pirani R, Ferrari R. Tumor necrosis factor-alpha receptor 1 is a major predictor of mortality and new-onset heart failure in patients with acute myocardial infarction: the Cytokine-Activation and Long-Term Prognosis in Myocardial Infarction (C-ALPHA) study. Circulation. 111(7):863-870, 2005.

Elisa Merli

Valgimigli M, **Merli E**, Malagutti P, Soukhomovskaia O, Cicchitelli G, Antelli A, Canistro D, Francolini G, Macrì G, Mastrorilli F, Paolini M, Ferrari R.Hydroxyl radical generation, levels of tumor necrosis factor-alpha, and progression to heart failure after acute myocardial infarction. J Am Coll Cardiol. 43(11):2000-2008, 2004.

Olga Soukhomovskaia

Valgimigli M, Rigolin GM, Fucili A, Porta MD, **Soukhomovskaia O**, Malagutti P, Bugli AM, Bragotti LZ, Francolini G, Mauro E, Castoldi G, Ferrari R. CD34+ and endothelial progenitor cells in patients with various degrees of congestive heart failure. Circulation. 110(10):1209-1212, 2004.

Elisa Cangiano

Cangiano E, Cavazza C, Campo G, Valgimigli M, Francolini G, Malagutti P, Pratola C, Ferrari R. Different clinical models of CD34 + cells mobilization in patients with cardiovascular disease. J Thromb Thrombolysis. 32(1):1-8, 2011.

Gianluca Campo

Campo G, Valgimigli M, Frangione A, Luccarelli S, Cangiano E, Cavazza C, Fileti L, Ferrari R; 3T/2R Investigators. Evaluation of platelet inhibition by tirofiban in patients stratified according to aspirin and clopidogrel responsiveness: the 3T/2R (Tailoring treatment with tirofiban in patients showing resistance to aspirin and/or resistance to clopidogrel). J Am Coll Cardiol. 55(3):255-256, 2010.

Carlo Penzo

Valgimigli M, Campo G, **Penzo C**, Tebaldi M, Biscaglia S, Ferrari R; RADAR Investigators. Transradial coronary catheterization and intervention across the whole spectrum of Allen test results. J Am Coll Cardiol. 63(18):1833-1841, 2014.

Simone Biscaglia

Effects of pre-hospital clopidogrel administration on early and late residual platelet reactivity in ST-segment elevation myocardial infarction patients undergoing primary intervention.
Biscaglia S, Tebaldi M, Vranckx P, Campo G, Valgimigli M.J Thromb Haemost. 2013 Jan;11(1):192-4.

Alessandro Spirito

Comparative Outcomes After Percutaneous Coronary Intervention in Unconscious and Conscious Patients With Out-of-Hospital Cardiac Arrest.
Spirito A, Papadis A, Vaisnora L, Iacovelli F, Sardu C, Kavaliauskaite R, Lanz J, Temperli F, Asatryan B, Heg D, Hunziker L, Windecker S, Räber L, Valgimigli M.JACC Cardiovasc Interv. 2022 Jul 11;15(13):1338-1348

Noè Corpateaux

Validation of high bleeding risk criteria and definition as proposed by the academic research consortium for high bleeding risk.
Corpataux N, Spirito A, Gragnano F, Vaisnora L, Galea R, Svab S, Gargiulo G, Zanchin T, Zanchin C, Siontis GCM, Praz F, Lanz J, Hunziker L, Stortecky S, Pilgrim T, Räber L, Capodanno D, Urban P, Pocock S, Heg D, Windecker S, Valgimigli M.Eur Heart J. 2020 Oct 7;41(38):3743-3749.

Mentor of medical students (Dr med. titles)

Anna Giulia Pavon (discussed on March 2024)

Sven Lifka Master Thesis (discussed on September 2024)

Sarina Leupp Master Thesis (planned discussion: tba)

Tabea Laasch (planned discussion: tba)

Caterina Lecchi (planned discussion: tba)

Silan Aka (planned discussion: tba)

Marina Santos (planned discussion: tba)

Mentor of PhD students:

Giuseppe Gargiulo (topic of interest: pharmacologic and mechanical strategies to balance ischemic and bleeding complications during and after percutaneous cardiovascular interventions; PhD thesis discussion: January 2019)

Roberto Galea (topic of interest: LAA percutaneous closure; PhD thesis discussion August 2018)

Francesco Costa (topic of interest:pharmaco-mechanical strategies to optimize the balance between ischemia and

bleeding after percutaneous coronary intervention; PhD thesis discussion: April 2018)

Marianna Adamo (topic of interest: effect of different formulations of tirofiban on thrombocytopenia and clinical outcomes in patients with acute coronary syndrome; PhD thesis discussion: April 2019)

Fortunato Iacovelli (topic of interest: angiographic analysis and outcomes of patients undergoing percutaneous coronary interventions; PhD thesis discussion: May 2019)

Marco Angellillis (topic of interest: percutaneous closure of left atrial appendage in patients at high ischemic and bleeding risk; PhD thesis discussion: May 2020)

Luca Bergamaschi (topic of interest: cardiac magnetic resonance imaging of the non-infarcted myocardium in patients with ST-segment elevation myocardial infarction and outcomes, June 2022)

Wensi Zhang ETH student (topic of interest: Automatic ECG Analysis for Occlusion Myocardial Infarction Identification and Outcome Prediction in Patients with Acute Coronary Syndromes; PhD thesis discussion: September 22, 2024)

Antonio Landi (topic of interest: coronary artery disease; percutaneous coronary intervention; revascularization; antithrombotic therapy; antiplatelet therapy)

Mentor for EAPCI fellowship recipients

2014-2015	Dr Francesco Costa, Messina, Italy
2015-2016	Dr. Giusepe Gargiulo, Naples, Italy
2018-2018	Dr. Andreas Mitsis, Patra Achaias, Greece

External Reviewer/Committee member for PhD Thesis

2010	Dr. Emanuele Meliga Erasmus University Medical Center Rotterdam, The Netherlands
2015	Dr. Lorenz Räber Erasmus University Medical Center Rotterdam, The Netherlands
2015	Dr. Michael Magro Erasmus University Medical Center Rotterdam, The Netherlands
2017	Dr. Christian Puelacher Perioperative Myocardial Injury in Non-cardiac Surgery - Incidence, Patient Characteristics, Outcome, and Possible

	Strategies to Improve Outcome University of Basel, Switzerland
2018	Dr. Francesco Costa Pharmaco-mechanical strategies to optimize the balance between ischemia and bleeding after percutaneous coronary intervention Erasmus Medical Center Rotterdam, The Netherlands
2019	Dr. Rohit Mansingh Coronary vulnerability Erasmus Medical Center Rotterdam, The Netherlands

Habilitation (Member of the committee)

2018	Dr Rebecca Hasler MD MSc Orthopedic Surgery / Traumatology University of Bern Bern, Switzerland
2018	Dr. Jean-Sébastien Rougier PhD Molekulare Medizin University of Bern Bern, Switzerland
2019	Dr. med. Nasser Dhayat Nephrology and Hypertension and Clinical Pharmacology University of Bern Bern, Switzerland

RESEARCH METHODOLOGY

Clinical

Trials:	Planing, organisation and conduction of several randomized controlled studies to investigate the safety and efficacy of percutaneous implanted prostheses (coronary stents, prostheses for congenital defects, heart valves) and/or anti-thrombotics.
Cohort studies:	Cohort studies with large patient numbers to establish, among the others, the long-term safety from stent thrombosis and/or various anti-thrombotic treatment combinations and/or with the purpose to derive and validate score systems for the prediction of bleeding and/or ischemic cardio- and cerebro-vascular events.
Meta-Analysis:	Principal Investigator and Co-investigator of different meta-analysis regarding safety and efficacy of heart devices and anti-thrombotics or diagnostic imaging modalities.

Awards

Winner of the "**Best Scientific contribution Award**" with a research project entitled: "Apoptotic activity of serum is increased in patients with pancoronary syndrome" October 2002, Verona, Italy, on behalf of GISE (Gruppo Italiano Studi di Emodinamica)

Winner of the "**Scholarship from Italian Society of Cardiology**" with a scientific contribution entitled: "Pathophysiological and clinical implications of bone marrow stem cells spontaneous mobilisation in Acute Coronary Syndromes and Heart Failure" Rome 2003, Italy, SIC (Italian Society of Cardiology)

Finalist **TCT Young Investigator Award**, October 2005, Washington

2025 Vivli Ambassador. Marco Valgimigli has been chosen for his commitment to data transparency and his leadership in advancing clinical research around the world

2026 ESC Andreas Grüntzig Award Lecture, European Society of Cardiology (ESC) – Silver medal ESC

Memberships

Italian Society of Cardiology (SIC)

Associazione Nazionale Medici Cardiologi Ospedalieri (AMNCO)

BIG Registry (Dutch National Society of Medical Doctors)

Fellow of the European Society of Cardiology (FESC)

Italian society of Interventional Cardiology (GISE)

Schweizerische Gesellschaft für Kardiologie/Société Suisse de Cardiologie/ Società Svizzera di Cardiologia

PUBLICATIONS

ORCID ID: https://orcid.org/0000-0002-4353-7110

H-index

Publication range 1997-Present

Number of documents: 809

Number of citations: 99747 total citations by 66146 documents

H-INDEX: 125

Source Scopus (accessed on 12.10.2026)

World's Top 2% scientists since 2020 in the Stanford University's list

This prestigious list identifies the world's leading researchers, representing approximately 2% of all scientists worldwide. It encompasses standardized data on citations, h-index, and a wide range of bibliometric indicators.

Highly Cited researcher in the field of Clinical Medicine – 2023

Among the 1% most cited researchers in 2023 (Source ISI Web)

Highly Cited researcher in the field of Clinical Medicine – 2022

Among the 1% most cited researchers in 2022 (Source ISI Web)

Highly Cited researcher in the field of Clinical Medicine – 2021
Among the 1% most cited researchers in 2021 (Source ISI Web)

Highly Cited researcher in the field of Clinical Medicine – 2020
Among the 1% most cited researchers in 2020 (Source ISI Web)

Highly Cited researcher in the field of Clinical Medicine – 2019
Among the 1% most cited researchers in 2019 (Source ISI Web)

Highly Cited researcher in the field of Clinical Medicine – 2018
Among the 1% most cited researchers in 2018 (Source ISI Web)

Highly Cited researcher in the field of Clinical Medicine – 2017
Among the 1% most cited researchers in 2017 (Source ISI Web)

Original articles

1. Piscaglia F, Zironi G, Gaiani S, Mazziotti A, Cavallari A, Gramantieri L, **Valgimigli M**., Bolondi L. Systemic and Splanchnic Hemodynamic changes after liver translpantation for cirrhosis: a long term prospective study. Hepatology 1999,30:58-64.

2. Gramantieri L, Chieco P, Di Tommaso M, Masi L, Piscaglia F, Brillanti S, **Valgimigli M**, Mazziotti A., Bolondi L. Aberrant FHIT transcripts in primary hepatocellular carcinoma and liver cirrhosis. Clin Cancer Res 1999;5:3468-75.

3. Piscaglia F, Siringo S, Hermida RC, Legnani C, **Valgimigli M**, Donati G, Palareti G, Gramantieri L, Gaiani S, Burroughs AK, Bolondi L. Diurnal changes of fibrynolisis in patients with liver cirrhosis and sophage al varices. Hepatology 2000;31:349-57.

4. Valgimigli L, **Valgimigli M**, Gaiani S, Peduli GF, Bolondi L. Measurement of oxidative stress in human liver by EPR spin-probe technique. Free Radic Res 2000;33:167-78.

5. Piscaglia F, **Valgimigli M**, Rapezzi C, Ferlito M, Gaiani S, Siringo S, Gramantieri L, Bolondi L. Left ventricular volumes in liver cirrhosis. Dig Liver Dis 2000;32:392-7.

6. Battelli MG, Musiani S, **Valgimigli M**, Gramantieri L, Tommassoni F, Bolondi L, Stirpe F. Serum Xanthine Oxidoreductase in Human Liver Disease Am J Gastroenterol 2001;96:1194-9.

7. **Valgimigli M**, Valgimigli L, Trerè D, Gaiani S, Pedulli GF, Gramantieri L, Bolondi L. Oxidative stress EPR-measurement in human liver by radical-probe technique. Correlation with etiology, histology, and cell proliferation. Free Radic Res,2002;36:939-948.

8. **Valgimigli M**, Merli E, Mastrorilli F, Soukhomovskaia O, Malagutti P, Macrì G. Quale Futuro per il Trattamento dello scompenso cardiaco? La Cardiologia nella pratica clinica 2002;9:224-236.

9. **Valgimigli M**, Agnoletti L, Curello S, Comini L, Francolini G, Mastrorilli F, Merli E, Pirani R, Guardagli G, Grigolato PG, Ferrari R. Serum from patients with acute coronary syndromes displays a proapoptotic effect on human endothelial cells. A possible link to pan-coronary syndromes. Circulation 2003;107:264-270.

10. **Valgimigli M**, Merli E, Malagutti P, Soukhomoskaia O, Cicchitelli G, Antelli GA, Canistro D, Francolini G, Macrì G, Matrorilli F, Paolini M, Ferrari R. Hydroxyl radical generation, levels of tumor necrosis factor-alpha and progression to heart failure after acute myocardial infarction. J Am Coll Cardiol 2004;43(11):2000-8.

11. **Valgimigli M**, Percoco G, Cicchitelli G, Ferrari F, Barbieri D, Ansani L, Guardagli G, Parrinello G, Malagutti P, Soukhomoskaia O, Bettini A, Campo G, Ferrari R. High Dose Bolus Tirofiban And Sirolimus Eluting Stents Versus Abciximab And Bare Metal Stent In Acute Myocardial Infarction (Statregy). Study Protocol Desing And Demography Of The

First 100 Patients. Cardiovasc Drugs Ther 2004;18(3):225-30.

12. **Valgimigli M**, Percoco G, Cicchitelli G, Barbieri D, Ferrari F, Ansani L, Guardigli G, Parrinello G, Soukhomoskaia O, Ferrari R. The Additive Value Of Tirofiban Administered With High-Dose Bolus In The Prevention Of Ischemic Complications During High-Risk Coronary Angioplasty. The Advance Trial. J Am Coll Cardiol 2004;44 (1):14-19.

13. **Valgimigli M**, Rigolin GM, Fucili A, Della Porta M, Soukhomoskaia O, Malagutti P, Bugli AM, Zenone Bragotti L, Francolini G, Mauro E, Castoldi GL, Ferrari R. CD34+ And Endothelial Progenitor Cells In Patients With Various Degrees Of Congestive Heart Failure. Circulation 2004;101:1209-1212.

14. **Valgimigli M**, Ceconi C, Malagutti P, Merli E, Soukhomovskaia O, Francolini G, Cicchitelli G, Olivares A, Parrinello G, Guardigli G, Mele D, Pirani R, Percoco G, Ferrari R. for the Cytokine-Activation and long-term prognosis in Myocardial Infarction (C-ALPHA) Study Tumor necrosis factor-alpha receptor 1 is a major predictor of mortality and new-onset heart failure in patients with acute myocardial infarction: the Cytokine-Activation and Long-Term Prognosis in Myocardial Infarction (C-ALPHA) study. Circulation 2005;111:1209-1212.

15. **Valgimigli M**, Van Mieghem C, Ong ATL, Aoki J, Rofrieguez-Granillo GA, McFadden EP, Kappetein AP, de Feyter P, Smits PC, Regar E, van der Giessen WJ, Sianos G, de Jaegere P, van Domburg RT, Serruys PW. Short And Long Term Clinical Outcome After Drug-Eluting Stent Implantation For The Percutaneous Treatment Of The Left Main Coronary Artery Disease. Insights From The Rapamycin Eluting- And Taxus- Stent Evaluated At Rotterdam Cardiology Hospital Registries (Research And T-Search). Circulation 2005;111:1383-1389.

16. Ong ATL, Serruys PW, Aoki J, Hoye A, Van Mieghem MC, Rodrieguez-Granillo GA, **Valgimigli M**, Schennenschein K, Regar E, de Jaegere P, de Feyter P, McFadden EP, Sianos G, van der Giessen WJ, van Domburg RT. The Unrestricted Use Of Paclitaxel- Versus Sirolimus- Eluting Stents For Coornary Artery Disease In An Unselected Population. One Year Results Of The Taxus-Stent Evaluated At Rotterdam Cardiology Hospital (T-Search) Registry. J Am Coll Cardiol 2005;45:1135-1141.

17. Agostoni F, **Valgimigli M**, Van Mieghem CA, Rodrieguez-Granillo GA, Aoki J, Ong AT, Tsuchida K, McFadden EP, de Feyter P, Smits PC, Regar E, van der Giessen WJ, Sianos G, de Jaegere P, van Domburg RT, Serruys PW. Comparison Of Early Outcome Of Percutaneous Coronary Intervention For Unprotected Left Main Coronary Artery Disease In The Drug Eluting Stent Era With Versus Without Intravascular Ultrasonic Guidance. Am J Cardiol 2005;95(5):644-647.

18. **Valgimigli M**, Rigolin GM, Cittanti C, Malagutti P, Curello S, Percoco GF, Bugli AM, Porta MD, Bragotti LZ, Ansani L, Mauro E, Lanfranchi A, Giganti M, Feggi L, Castoldi GL, Ferrari R. Use Of Granulocyte Colony Stimulating Factor During Acute Myocardial Infaction To En-

hance Bone Marrow Stem Cell Mobilization In Humans: Clinical And Angiographic Safety Profile. Eur Heart J 2005 Sep;26(18):1838-45.

19. **Valgimigli M**, Percoco G, Malagutti P, Campo G, Ferrari F, Barbieri Cicchitelli G. D, McFadden E, Merlini F, Ansani L, Guardagli G, Bettini A, Parrinello G, Boersma E, Ferrari R. for the STRATEGY Investigators. Tirofiban And Sirolimus Eluting Stent Vs Abciximab And Bare Metal Stent For Acute Myocardial Infarction: A Randomized Trial. JAMA 2005; 293(17):2109-17.

20. Hofma SH, Ong ATL, Aoki J, Van Mieghem MC, Rodrieguez-Granillo GA, **Valgimigli M**, Regar E, de Jaegere PP, McFadden EP, Sianos G, van der Giessen WJ, de Feyter P, van Domburg RT, Serruys PW. One Year Clinical Follow-Up Of Paclitaxel- Eluting Stents For Acute Myocardial Infarction Compared To Sirolimus-Eluting Stents. Heart. 2005 Sep;91(9):1176-80.

21. Rodrieguez-Granillo GA, Serruys PW, Garcia-Garcia HM, **Valgimigli M**, Van Mieghem C, McFadden EP, de Jaegere PP, de Feyter P, Coronary Artery Remodelling Is Related To Plaque Composition. Heart. 2006 Mar;92(3):388-91.

22. Hoye A, Van Mieghem C, Ong ATL, Aoki J, Rodrieguez-Granillo GA, **Valgimigli M**, Tsuchida K, Sianos G, McFadden E, van der Giessen WJ, de Feyter PJ, van Domburg RT, Serruys PW. Percutaneous Therapy Of Bifurcation Lesions With Drug-Eluting Stent Implantation: The Culotte Technique Revisited. Int J Cardiovasc Interv 2005;7(1):36-40.

23. Rodrieguez-Granillo GA, Aoki J, Ong AT, **Valgimigli M**, Van Mieghem MC, Regar E, McFadden EP, de Feyter P, Serruys PW. Methodological Considerations And Approach To Cross-Technique Comparisons Using In Vivo Coronary Plaque Characterization Based On Intravascular Ultrasound Radiofrequency Data Analysis: Insights From The Integrated Biomarker And Imaging Study (Ibis). Int J Cardiovasc Intervent 2005;7(1):52-8.

24. Van Mieghem C, Bruining N, Schaar JA, McFadden EP, Mollet N, Cademartiri F, Mastik F, Ligthart JM, Rodrieguez-Granillo GA, **Valgimigli M**, Sianos G, J. Van der Giessen W, Backx B, Morel MA, Es GA, Sawyer J.D, Kaplow J, Zalewski A, Steen AF, de Feyter P, Serruys PW. Rationale and methods of the integrated biomarker and imaging study (IBIS): combining invasive and non invasive imaging with biomarkers to detect subclinical atherosclerosis imaging with biomarkers to detect subclinical atherosclerosis and assess coronary lesion biology. Int J Cardiovasc Imaging 2005;21(4)425-41.

25. Ong ATL, Aoki J, Van Mieghem MC, Rodrieguez-Granillo GA, **Valgimigli M**, Tsuchida K, Schennenschein K, Regar E, van der Giessen WJ, de Jaegere P, Sianos G, McFadden EP, de Feyter P, van Domburg RT, Serruys PW. Comparison of Short (one month) and long (twelve month) term outcomes of sirolimus versus paclitaxel eluting stents in 293 consecutive patients with diabetes mellitus (from the RESEARCH and T SEARCH registries) Am J Cardiol 2005;96(3):358-62.

26. Tsuchida K, Ong ATL, Aoki J, Van Mieghem MC, Rodrieguez-Granillo GA, **Valgimigli M**, Sianos G, Regar E, McFadden EP, van der Giessen WJ, de Jaegere P, de Feyter P, van Domburg RT, Serruys PW. Immediate and one-year outcome of percutaneous intervention of Saphenous vein graft disease with paclitaxel-eluting stents. Am J Cardiol 2005;96(3):395-8.

27. Rodrieguez-Granillo G.A, **Valgimigli M**, Garcia-Garcia H, Ong A.T.L, Aoki J, Van Mieghem C, Tsuchida K, Sianos G, Regar E, McFadden EP, van der Giessen WJ, de Feyter P, van Domburg RT, Serruys PW. One-year clinical outcome after coronary stenting of very small vessels using 2.25 MM Sirolimus- and Paclitaxel-Eluting Stents: A Comparison between the research and T-Search Registries. J Invasive Cardiol 2005;17(8):409-12.

28. Rodrieguez-Granillo GA, **Valgimigli M**, Ong ATL, Aoki J, Van Mieghem C, Hoye A, Tsuchida K, McFadden EP, de Feyter P, Serruys PW. Paclitaxel-Eluting Stents for the treatment of Angiographically non-significant Atherosclerotic Lesions. Int J Cardiovasc Interv 2005;7(2):68-71.

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