

Identification

Working Group on: Coronary Pathophysiology and Microcirculation (WG 6)

Nucleus Composition

Chairperson	Prof. Lina Badimon, Spain
Vice-chairperson	Prof. Akos Koller, Hungary
Past chairperson	Prof. Cor De Wit, Germany
Treasurer	Prof. Roberto Corti, Switzerland
Secretary	Prof. Dirk Duncker, Netherland
Web and Communication Officer	Prof. Maria Dorobantu, Romania
Nucleus Members	1- Prof. Francesco Fedele, Italy 2- Prof. Zorana Vasiljevic, Serbia 3- Prof. Sergey Boytsov, Romania 4- Dr. Viola Vaccarino, USA 5- Prof. Raffaele Bugiardini, Italy (Ex-Officio) 6- Prof. Axel Pries, Germany (Ex-Officio)

Specific Committees:

- International Survey of Acute Coronary Syndrome – Transitional Countries: Raffaele Bugiardini (Italy-Principal Investigator), Lina Badimon (Spain), Sergei Boytsov (Russian Federation), Irfan Daullxhiu (Kosovo), Dr. D.E. Deleanu (Romania), Mirza Dilic (Bosnia-Herzegovina), Maria Dorobantu (Romania), Tamas Forster (Hungary), Eva Goncalvesova (Slovakia) Asen Goudev (Bulgaria), Olivija Gustiene (Lithuania), Alistair Hall (United Kindom), Igor Kranjevic and Miran Kenda (Slovenia), Irena Karpova (Bielorussia), Irene Lang (Austria), Mimoza Lezha (Albania), Nicolay Manak (Bielorussia), Mario Marzilli (Italy), Davor Milicic (Croatia), Miodrag Ostojic (Serbia), Alexander N. Parkhomenko (Ukraine), Mihail Popovici (Moldova), Andrzej Rynkiewicz (Poland), Viola Vaccarino (USA), Zorana Vasiljevic (Serbia), Remigius Zaliunas (Lithuania)

Objectives:

The Working Group "Coronary Pathophysiology and Microcirculation" promotes clinical and basic cardiovascular research in microcirculation and coronary pathophysiology, and it welcomes scientists from various disciplines who share a common interest in this field.

The aims of the Working Group are:

- 1- to advance an integrative understanding of the physiology and pathophysiology of coronary vessels.
- 2- to support investigations of the coronary vascular biology in health and disease.
- 3- to address prevention and to improve diagnosis and treatment of coronary artery disease, by preparing and coordinating registry and trial studies.

The Working Group disseminates reliable information related to these fields through its annual conference, by preparing sessions for the annual meeting of the European Society of Cardiology, and by publishing review articles.

ACTIVITIES OF THE WORKING GROUP DURING THE YEAR

Meetings

WG Annual Meeting(s):

2012

- Bologna (Italy) February 2012
- Bucharest (Romania) June 2012
- Munich (Germany) August 2012
- Berlin (German) November 2012

2013

- Bologna (Italy) February 2013
- Pecs (Hungary) July 2013
- Amsterdam (The Netherland) August 2013

Join Meeting(s) (CROSSFERTILIZATION STRATEGIES):

- Joint Symposium www.eschm2013.hu (European Society of Cardiology, Coronary Microcirculation Working Group).

Symposium S6: "Novel vascular mechanisms" 17th Conference of the European Society for Clinical Hemorheology & Microcirculation (Pecs, July 6th – 9th, 2013)

- Joint Symposium <http://eprints.ugd.edu.mk/2237/2/ISAM2012-Congress-Book.pdf>, International Society for ADAPTIVE MEDICINE (Recommended by the European Society of Cardiology).

S-08 Symposium: "Obesity, fat tissue and coronary heart disease" 10th WORLD CONGRESS of the (Bucharest, June 8th -10th 2012)

Registry ISAC-CT, Coordinated by Raffaele Bugiardini

Activities :

- WG for Coronary Pathophysiology and Microcirculation - ISACS Network – Bologna (Italy) – February 2013
Registry ICACS – CT Meeting - Chair: R. Bugiardini
In-hospital cardiovascular mortality and associated risk factors in countries with economy in transition
- International Survey/Registry of Acute Coronary Syndromes in Transitional Countries (ISACS-CT) - Pecs (Hungary) July 2013

Papers & Guidelines

Publications & Scientific Papers submitted by the WG:

- Bugiardini R, Manfrini O, Majstorovic Stakic M, Cenko E, Boytsov S, Merkely B, Becker D, Dilić M, Vasiljević Z, Koller A, Badimon L.

Exploring In-hospital Death from Myocardial Infarction in Eastern Europe; From the International Registry of Acute Coronary Syndromes in Transitional Countries (ISACS-TC); on the behalf of the Working Group on Coronary Pathophysiology & Microcirculation of the European Society of Cardiology.

Current Vascular Pharmacology 2013 Apr 22. [Epub ahead of print]

- Vaccarino V, Badimon L, Corti R, de Wit C, Dorobantu M, Manfrini O, Koller A, Pries A, Cenko E, Bugiardini R.

Position paper on "Presentation, management, and outcomes of ischaemic heart disease in women"

Nature Reviews. Cardiology 2013 Jul 2 (Epub ahead of print)

doi: 10.1038/nrcardio.2013.93.

- **Position paper on "Coronary vascular regulation, remodeling and collateralization"** coordinated by Cor de Wit and Axel Pries.

Submitted to **Cardiovascular Research (June 2013)** Under review

- **Position paper on "OBESITY AND HEART DISEASE: PATHOPHYSIOLOGY, CLINICAL IMPACT AND TREATMENT" A Statement for Healthcare Professionals from the WG on Coronary Pathophysiology and Microcirculation"** Coordinator Lina Badimon.

Submitted to **ESC Guideline Committee (July 2013)**: Approved.

Guidelines participation (writing or reviewing)

- **ESC Guidelines on diabetes, pre-diabetes, and cardiovascular diseases developed in collaboration with the EASD: The Task Force on diabetes, pre-diabetes, and cardiovascular diseases of the European Society of Cardiology (ESC) and developed in collaboration with the European Association for the Study of Diabetes (EASD).**

European Heart Journal 2013 34(39):3035-87

- **ESC guidelines on the management of stable coronary artery disease. The Task Force on the management of stable coronary artery disease of the European Society of Cardiology.**

European Heart Journal 2013 34, 2949–3003

Other

- **Registry ISAC-CT**, Coordinated by Raffaele Bugiardini

Activities of the Working Group for the next year

List your future projects / business plan

- 2 Position Papers
- 1 EHJ Supplement on ISAC–CT Registry
- 1 Symposium Funded at FCVB

Prepare your budget for 2014-2015

- The balance on 26/08/2013 is 41.122,52 Euros.
- List your main expenses:
 1. Scientific expenses
 2. Publication expenses
 3. Meeting up expenses