

EUROPEAN SOCIETY OF CARDIOLOGY
Working Group 6
Coronary Pathophysiology and Microcirculation

Annual Scientific Report 2004-2005

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

- to advance an integrative understanding of the physiology and pathophysiology of coronary vessels and terminal vascular beds
- to support classical microcirculation research as well as investigations of the coronary vascular biology in health and disease
- to address prevention and to improve diagnosis and treatment of coronary artery disease

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 run outside and inside the ESC Annual Congress

Strong educational efforts have included meetings organized under the auspices of the WG. In particular, the congress acute coronary care and the 1st cardiovascular nursing meeting in Venice, Italy, 2005, were run under hospices of our WG.

Six symposia were initiated and/or organized by members of our WG for the annual ESC meeting 2005.

In 2006 the annual WG-meeting will be in Tuskany (M. Marzilli) and a meeting under the hospices of the WG will be performed in May, 2006 in Munich (M. Weis).

Current and future projects

Two future WG-projects have been identified and are headed by the vice-chairman Mario Marzilli: persistent angina and ischemia-reperfusion damage.

The WG has applied for the initiation of a scientific award on Coronary Pathophysiology and Microcirculation, which will be based on the abstract rating and awarded on the yearly annual ESC-meeting. This idea was acclaimed by the WG members, and in the meantime has been forwarded to the ESC-board.

Negotiations for funding an ESC training and research fellowship (run by the WG) are currently under way.

The ESC (WG)-web page has been updated and strongly enhances the visibility of the WG.

New Members

The membership of the WG is constantly acceding and currently involves 196 members.

Publications:

Members of the WG were involved in writing and reviewing of the "ESC-guidelines on management of stable angina". Large numbers of publications were published by members of our WG.

Michael Weis

Chairman, WG 6 on "Coronary Pathophysiology and Microcirculation"