

# **ANNUAL SCIENTIFIC REPORT 2001 - 2002**

## **ESC WORKING GROUP**

### **ON MICROCIRCULATION (#6)**

The activity of the WG on Microcirculation has increased significantly during the last year. Major efforts have been done in terms of educational and basic as well as clinical research and training programs. The yearly meeting of the Working Group on Microcirculation has taken place in Lugano/Switzerland, June 26, 2002. This meeting has been organized together with our closely related Working Group on Interventional Cardiology and Coronary Pathophysiology with the aim of increasing the relationship with our partners within the cluster.

Items of this meeting were the relevance of microcirculation in vivo at the bench side and at the bed side; further focus was given to the important item of angiogenesis with the participation of world leaders in this field.

A further very important initiative by the Working Group was recently taken by our vice-chairman, Prof. Filippo Crea, who was able to set up a joint project aimed to the creation of a European Network of Excellence (STARRY) for the study of acute vascular syndromes. This project was submitted, with the endorsement of the ESC, to the European Commission.

A major effort has been made by nucleus members and members of the Working Group to propose scientific events for the forthcoming ESC-Meeting in Berlin 2002. A total of 7 proposals have been selected for the ESC-Meeting, among them 2 have been chosen as main sessions:

1. No reflow after myocardial infarction: detection and clinical relevance  
Cluster 2 – Ambrosio G.– main session  
Main Topic 06
2. New insights into reperfusion injury  
Cluster 2 – Ambrosio G.  
Main Topic 06
3. Microembolization from atherothrombosis: basic mechanisms and clinical relevance  
De Caterina R.  
Main Topic 06
4. Assessment of coronary stenosis and myocardial perfusion  
Gallino A.  
Main Topic 07

5. Troponin release without electrocardiographic evidence of ischaemia  
De Caterina R. – main session  
Main topic 09
6. Medical treatment of peripheral arterial disease, beyond aspirin  
Duprez D.  
Main Topic 16
7. Magnetic resonance: the new key player in cardiovascular medicine  
Gallino A.  
Main Topic 23

The registry on syndrome X (Prof. J.C. Kaski) has been activated and data are consistently collected from most European countries.

The total membership of the Working Group is 205.

Forthcoming activities include among many others a cluster meeting, which will take place in Rome in June 2003 (organized by Prof. Fillippo Crea).

All together the Working Group on Microcirculation has reinforced its role and presence within the European Society of Cardiology and within the activities of the cluster in order to promote research in basic science and clinical research in microcirculation.

Prof. A.F. Gallino  
Chairman, Working Group on Microcirculation