

ESC WORKING GROUP ON CARDIAC CELLULAR ELECTROPHYSIOLOGY (WG 11) Annual Report 2005-2006

WG11 is a grouping of scientists and clinician scientist with a research focus on basic aspects of cardiac cell pathophysiology. This broad remit includes both Although initially focused on electrophysiology and arrhythmogenic mechanisms, the interest of the group has more recently expanded to include closely related aspects, such as structure-function relation in ion channels, cardiac excitation-contraction coupling etc.

activities of WG 11 (EWGCCE) include contribution to the scientific program of the ESC annual meeting and organization of a separate meeting, focused on cell cardiac physiology

Activities within the ESC Annual Congress

The 2005 Stockholm ESC meeting hosted the following symposia organized by WG11:

- 1) T-wave alternans, basic mechanisms underlying the clinical tool
- 2) Inflammatory markers, oxydative stress and atrial fibrillation, a missing link

The symposia included basic science and clinically oriented presentations. All speakers, some of them travelling from United States, accepted the invitation and contributed excellent performances. The symposia were well attended and followed by lively discussion.

According to a decision of the nucleus, WG11 proposals of for the 2006 ESC meeting (Barcelona) will be coordinated by the Council on Basic Science, which will submit them to the CPC. This procedure is meant to improve originality and completeness of basic science coverage in the ESC annual meeting and to avoid overlap between proposals of different WGs.

Activities outside the ESC Annual Congress

The 2005 annual meeting of EWGCCE took place in Antwerp (BE) from 9 to 11 September, organized by Antwerpen University (Drs. PP van Bogaert and D. Snyders). One hundred and twenty investigators from Europe and United States, attended the meeting, which featured four invited lectures, four oral sessions and two poster sessions. The meeting was opened by a tribute to Prof. Silvio Weidmann, by Prof. E. Carmeliet (Leuven). Invited lectures were devoted to biological pacemakers (I. Cohen, New York), Na channelopathies (D. Escande, Nantes), pathophysiology of SR-Ca²⁺ release (D Eisner, Manchester) and repolarization reserve (A. Varro, Szeged). Oral presentations were grouped in the topic of the preceeding lecture.

During the Antwerp Nucleus meeting, Dr. E. Cerbai presented the preliminary program for the organization of the 2006 EWGCCE meeting, which will be held in Florence in the second half of September. Development of a WG website capable of accomodating, beside other services, registration and hotel booking for the meeting has been decided. Dr. Harold van Rijen (Utrecht) has been assigned responsibility for this new development, which will be pursued with the assistance of the ESC Webteam.

Membership of Working Group

WG membership remains free of charge and is essentially based on the number of people participating in the WG activities (i.e. attending the meeting in the last 3 years). The directory includes about 250 investigators mostly, but not exclusively, from Europe. The current field of interest of the WG members are structure and function of ion channels, integrated cardiac electrophysiology and excitation-contraction coupling.

Registries, Surveys

None

Study Groups

None

Financial situation

Financial situation at March 2005 (before the Antwerp meeting) is summarized in the table:

<i>Date</i>	<i>Comments</i>	<i>Debit</i>	<i>Credit</i>	<i>Balance</i>
	Balance on 01/04/04			10,871.00
21-Sep-04	Dr Gwanyanya travel grant meeting in Szeged	385.80		
21-Sep-04	Dr Polakova travel grant meeting in Szeged	390.80		
21-Sep-04	Dr Berecki travel grant meeting in Szeged	385.80		
21-Sep-04	Dr Darna travel grant meeting in Szeged	385.80		
	Balance on 30/09/04			9,322.80
7-Oct-04	Dr Szntandrassy travel grant meeting in Szeged	350.00		
	Balance on 07/10/04			8,972.80
23-Mar-05	Allocation of the financial income to WG		212.00	
	Balance on 31/03/05			9,184.80

The financial report after the 2005 meeting is in preparation

Antonio Zaza, Chair

Barbara Casadei, Vice-Chair

Erich Wettwer, Treasurer