



Aula Magna, Complesso A. Vallisneri
viale G. Colombo 3, Padova
January 26, 2009

WORKSHOP

Chair: R. Rizzuto, C. Franzini-Armstrong

09.00-10.20 **Ca²⁺ release from SR: Players, control and derangements in skeletal muscle**

PD Allen: *RYR1-DHPR bi-directional interactions and their alterations in Malignant Hyperthermia*

KG Beam: *The L-type calcium current: does it have a role in the normo- and patho-physiology of skeletal muscle?*

C Reggiani: *Heat- and anaesthetic-induced sudden death in calsequestrin-1 knockout mice*

10.20-10.40 Coffee Break

Chair: P. Volpe, I.N. Pessah

10.40-12.00 **Knock-out and knock-in mouse models in the study of E-C coupling**

BC Knollmann: *Regulation of cardiac calcium signalling probed by gene-targeted knockout of calsequestrin and triadin*

A Nori: *Calsequestrin-1 and calsequestrin-2 in knockout models of skeletal muscle*

M Mongillo: *Role of RyR2 in inherited and acquired arrhythmias*



12.00-13.00 Lunch

Chair: C. Reggiani, K.G. Beam

13.00-14.20 **New and unpredictable on control of Ca²⁺ release**

IN Pessah: *Homer is a multifunctional protein: lessons learned from bilayer to skeletal muscle*

S Schiaffino: *A new potential player in Ca²⁺ homeostasis in muscle cells*

LECTIO MAGISTRALIS

Chair: T. Pozzan

16.30-17.30

Clara Franzini-Armstrong: *What additions, deletions and substitutions tell us about the molecular assembly of calcium release units*

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