Sunday, 1 October 2017

09:00 **Welcome Address**
Angela Corcelli, Bari and Daniela Toniolo, Milano, Italy

Session 1: Cardiolipin in pathophysiological states
Chairman: Corrado Poggesi, Firenze, Italy.

09:30-10:00 *Colin G. Steward, Bristol, UK*
Barth Syndrome: the UK national experience

10:00-10:30 *Colin Phoon, New York, USA*
Cardiac manifestations in Barth Syndrome

10:30-11:00 *Paul J. LeBlanc, St. Catharines, Canada*
Role of cardiolipin and tafazzin in skeletal muscle hypertrophy and atrophy

11:00-11:30 *Coffee break*

11:30-13:30 *Poster session*

13:30-14:30 *Lunch*

Chairman: Lanfranco Corazzi, Perugia, Italy.

15:00-15:30 *Lorenz Schild, Magdeburg, Germany.*
Lipid metabolism and proliferation of glioma cells – role of cardiolipin

15:30-16:00 *Mindong Ren, New York, USA*
A new extramitochondrial function of cardiolipin in male germ cells

16:00-16:30 *Alessandra Ferramosca, Lecce, Italy*
Mitochondria functionality and sperm quality

20:00 *Social Dinner*

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Session 2: Molecular and Pharmacological Aspects
Chairman: Peter Buetikofer, Bern, Switzerland

09:00-09:30 *Michael Schlame, New York, USA*
The molecular mechanism of tafazzin and physiological implications
(to be considered for Journal Lipid Research lectureship)

09:30-10:00 *Hazel Szeto, New York, USA*
Interaction of SS-31 with CL- and MLCL-containing membranes and impact on lipid packing

10:00-10:30 *Nathan Alder, Connecticut, USA*
Biophysical approaches to unravel the nature of the interaction between SS-31 and cardiolipin in lipid bilayers

10:30-11:00 *Mark Bamberger, New York, USA*
Targeting mitochondrial dysfunction with elamipretide: translation of basic and preclinical research to human diseases

11:00-11:30 *Coffee break/Poster session*

Chairman: Michael Schlame, New York, USA

11:30-12:00 *Judith Klein-Seetharaman, Coventry, UK*
General and distinguishing features of cardiolipin binding sites on proteins

12:00-12:30 *Mauro Serricchio, Bern, Switzerland*
The organization of the cardiolipin synthesis complex and its interactions with mitochondrial proteins

Closing remarks