ABCD Meeting “Membrane Trafficking and Organelle Biogenesis”
Pontignano (Siena), April 11-12 2008

Program

Friday, April 11th

13:00-14:00 lunch

14:30-16:10 Session I: Endoplasmic Reticulum: Biogenesis and Homeostasis (chaired by Roberto Sitia)

14:30-14:50 P. Ronchi (Milano) “Transmembrane domain-dependent partitioning of membrane proteins within the endoplasmic reticulum”

14:50-15:10 F. Benini (Siena) “Different regions mediate targeting of triadin to the junctional sarcoplasmic reticulum membranes”

15:10-15:30 R. Sitia (Milano) “Ero1 and ERp44 cooperatively couple redox and Ca2+ homeostasis and signalling at the endoplasmic reticulum-mitochondria interface”

15:30-15:50 R. Tufi (Roma) “Reduction of endoplasmic reticulum Ca2+ levels favors plasma membrane surface exposure of calreticulin”

15:50-16:10 C. Tacchetti (Genova) “A novel high data output and 3D correlative microscopy method”

16:10-16:40 coffee break

16:40-18:20 Session II: Trafficking and Signaling through the Golgi Complex (chaired by Antonino Colanzi)

16:40-17:00 M. Sallese (Chieti) “A traffic-activated Golgi-based signaling circuit coordinates the secretory pathway”

17:00-17:20 M. Capitani (Chieti) “Src kinase regulates the secretory function and structural integrity of the Golgi complex via activation of dynamin 2”

17:20-17:40 A. Colanzi (Chieti) “The separation of the Golgi ribbon into separate stacks in G2 is required to enter into mitosis”

17:40-18:00 A. Persico (Chieti) “The role of the Golgi complex fragmentation in the regulation of G2/prophase transition”

18:00-18:20 M.S. Fabbrini (Milano) “Pichia pastoris as a host for secretion of saporin-based chimeras with anticancer potential”

18:30-19:30 Guest lecture: Catherine Rabouille (CMC, Utrecht, The Netherlands) "dGRASP, the Golgi, and the unconventional secretion"

20:00-21:00 dinner

21:00- “Wine and billiards”
Saturday, April 12th

8:30-9:50  Session III: Intracellular traffic in neurons (chaired by Patrizia Rosa)

8:30-8:50  L.E. Perlini (Milano) “Molecular mechanisms of synapse organization: the role of synapsins”

8:50-9:10  A. Linetti (Milano) “The synaptic vesicle cycle is affected by cholesterol depletion”

9:10-9:30  M. Zordan (Padova) “A lysolecithin/fatty acid mixture promotes and then blocks neurotransmitter release at the Drosophila melanogaster larval neuromuscular junction”

9:30-9:50  M. Paoli (Padova) “Mechanism of action of presynaptic snake PLA2 neurotoxins”

9:50-10:20  coffee break

10:20-12:00  Session IV: Endocytic compartments, plasma membrane and polarity (chaired by Giovanna Mottola)

10:20-10:40  V. Margaria (Torino) “A novel Rab5-based signaling pathway participates in centrosome cohesion”

10:40-11:00  F. Acconcia (Milano) “The role of myosin VI in intracellular trafficking and cell migration”

11:00-11:20  N. Pengo (Milano) “Protective autophagy during terminal plasma cell differentiation”


11:40-12:00  G. Mottola (Napoli) “Endocytosis and the Rab5 effector Rabenosyn-5 in planar cell polarity”

12:00-12:30  General discussion: Election of Vice-Chairman for next year

12:30-13:30  Lunch

13:30-15:10  Session V: Intracellular traffic and organelle biogenesis in diseases (chaired by Maria Vittoria Barone)

13:30-13:50  M.V. Egorov (Chieti) “FGD1 (Faciogenital dysplasia protein) involved in regulation”

13:50-14:10  I. Iaccarino (Napoli) “Identification of Praf2 as a novel BCL-XL interacting protein”

14:10-14:30  M.V. Barone (Napoli) “Gliadin peptide P31-43 interferes Hrs (Hepatocyte growth factor-Regulated tyrosine kinase Substrate) localization to endocytic vesicles: implications for celiac disease”
14:30-14:50  A. Rabellino (Genova) “Trastuzumab induces ERB2 signaling and endocytic events in a breast cancer cell line”

14:50-15:10  P. Falletta (Genova) “OA1 signaling pathway: role in melanosome biogenesis and melanoma progression”

15:10  Closing remarks