"From general pathology to molecular and translational medicine"

YOUNG SCIENTISTS MEETING
Rome, October 23rd-24th, 2013

Final Program

Wednesday, October 23

1:00 pm Registration

2:00 pm Wellcome address:

Angela Santoni, (Rome),
Luigi Frati, (Rome) SIPMET President,
Mark Sobel, (Bethesda) ASIP Executive Officer

Session 1. Molecular genetics and gene testing
Chairpersons: G. Giannini (Rome) - T. Pozzan (Padua)

2:15 pm P.P. DiFiore (Milan) Connecting the machineries of cell fate determination and tumor suppression in breast stem cells

2:45 pm V. Silvestri (Rome) Genetic susceptibility in male breast cancer: a multicenter study in Italy

3:00 pm A.L. Magnolo (Modena) Functional characterization of novel amino acid variants in APOB gene in familial hypobetalipoproteinemia

3:15 pm L.A. Caromile (Flemington) The transmembrane peptidase prostate specificmembrane antigen functionally regulates prostate cancer by redirecting PTEN survival signals

3:30 pm E. Di Zazzo (Campobasso) PRDM gene products role in testicular germ cell tumors

3:45 pm - Coffee break
Session 2. Molecular oncology and targeted therapy
Chairpersons: S. Andò (Rende) - A. Weisz (Salerno)

4:15 pm S.S. Monga (Pittsburgh) Developmental pathways in liver tumors: implications in biology and therapy
4:45 pm A. Gulino (Rome) Stem cell control by Hedgehog
5:15 pm A.L. Furfaro (Genova) Heme Oxygenase-1 expression: a new therapeutic target in high-risk neuroblastoma
5:30 pm D. Rovito (Houston) Functional interaction between testicular receptors 2/4 and ERα
5:45 pm C. Romano (Catania) BCR-ABL residues interacting with ponatinib are critical to preserve the tumorigenic potential of the oncoprotein
6:00 pm C. Fionda (Rome) Up-regulation of NKG2D and DNAM-1 ligand expression by immunomodulatory drugs (IMiDs) in multiple myeloma cells.

6:15 - 7:30 pm - Poster session
Chairpersons: A. Faggioni (Roma) - A. Santoni (Roma)

7:30 pm Adjourn
8:30 pm Dinner

Thursday, October 24

Session 3. Growth factors and regenerative medicine
Chairpersons: M.R. Torrisi (Rome) - F. Curcio (Udine)

9:00 am P. Bianco (Rome) Stem cells and surrounding: “is lost in translation” a fate choice?
9:30 am I. Chimenti (Latina) Sera and supplement optimization for EU-GMP compliance in human cardiospheres cell culture.
9:45 am F. Rizzo (Salerno) Regulation of Piwi-interacting RNA (piRNA) expression during rat liver regeneration.
10:00 am E. Mantuano (La Jolla) LPR1 signaling in neurons and neurite-generating cell lines is determined by ligand-specific co-receptor engagement
10:15 am L. Babini (Ancona) Low FasL levels promote proliferation of human bone marrow-derived mesenchymal stem cells, higher levels inhibit their differentiation into adipocytes.
10.30 am - Coffee break

Session 4. Inflammation driven pathologies
Chairpersons: G. Poli (Turin)- F. Dieli (Palermo)

11:00 am S. Sozzani (Brescia) *Regulation of autoimmune reactions by atypical chemotactic receptors*

11:30 am I. Barone (Rende) *Aromatase inhibitor resistance in breast cancer: a potential role for inflammation*

11:45 am S. Battella (Rome) *The role of T cell co-receptors in mucosal immunity and IBD pathogenesis*

12:00 pm T. Zelante (Perugia) *Tryptophan catabolites from microbiota engage aryl hydrocarbon receptor and control host mucosal reactivity via IL-22*

12:15 pm S. Sutti (Novara) *T-cell-mediated immune responses against oxidative stress-derived antigens contribute to hepatic inflammation in nonalcoholic steatohepatitis (NASH)*

L. Frati: assignment of 3 best poster awards*

A. Faggioni (Rome): Concluding Remarks

12:30 pm *MEETING OF SIPMET BOARD OF DIRECTORS*

* the poster award consists in a bonus (up to € 600) for the flight ticket to attend the 2014 ASIP meeting in San Diego