

## Programma

### 10 Ottobre

14.00-15.00 Registrazione dei partecipanti

#### 15.00-17.00 1° SESSIONE INNATE IMMUNOLOGY

The protective role of the long pentraxin PTX3 in epithelial skin carcinogenesis

**S. Gentile**

The long pentraxin PTX3 in cancer: a novel player in cancer-related inflammation

**E. Bonavita**

TRPC6 channels regulate CXCR2-mediated recruitment of neutrophils

**O. Lindemann**

Detection of long non-coding RNAs in resting and activated human monocytes and neutrophils

**B. Mariotti**

Role of TIR8 in human NK cell differentiation and function

**M. Molgora**

Differential shedding of MICA allelic variants and MICB in response to genotoxic stress in multiple myeloma cells: role of ADAM10

**F. Cecere**

CD16 aggregation induced by anti-CD20 therapeutic antibody-opsonised targets impairs cytotoxic responses in human NK cells

**M. Romanelli**

Dap10 Ubiquitination Controls The Endocytosis Of Nkg2d/Dap10 Complexes In Human Nk Cells

**L. Quatrini**

17.00-17.30 *Coffee break*

#### 17.30-18.15 2° SESSIONE INNATE IMMUNITY

NK cells and human cytomegalovirus: regulation of the expression of the ligands of the activating receptors NKG2D and DNAM-1 on infected fibroblasts

**B. Pignoloni**

Monocytic Myeloid-Derived Suppressor Cells are expanded in a mouse model of multiple myeloma and impair NK cell effector functions

**E. Sanseviero**

Presentation of tumor antigens by plasmacytoid dendritic cell migrating to secondary lymphoid organs

**S. Campana**



Società Italiana di Immunologia  
Immunologia Clinica e Allergologia

# GIORNATA NAZIONALE DEI DOTTORATI DI IMMUNOLOGIA

Bari, 10-11 Ottobre 2014

Palace Hotel

## 18.15-18.30 1° SESSIONE ADAPTIVE IMMUNITY

Plasmacytoid dendritic cells induce an immunoregulatory T helper 9 profile in multiple Sclerosis

**G. Ruocco**

HLA-C in Psoriasis

**S. Simonetti**

18.45 – 19.30 Lecture "Atypical chemokine receptors: what they are, what they do, and how they work"

**M. Locati**

20.30 *Cena presso il ristorante "il Gambero" (C.so A. De Tullio, 8)*

## 11 Ottobre

08.15- 10.15 Poster discussion

10.15 *Coffee break*

## 10.45- 12.00 2° SESSIONE ADAPTIVE IMMUNITY

Analysis of the HLA-E-restricted CD8 T cell response during Mycobacterium tuberculosis infection"

**Prezzemolo**

Regulatory T cells expressing Helios, OX40 and CD39 in human colorectal cancers

**E. Timperi**

Immune response to EBV in multiple sclerosis

**G. Guerrera**

Demethylation Of The Rorc2 And Il17a In Human Cd4+ T Lymphocytes Defines Th17 Origin Of Non-Classic Th1 Cells

**A. Mazzoni**

**IFN- $\gamma$**  antagonizes regulatory T cell-mediated suppression and favors their plasticity into Th1-like cells

**I. Pacella**

## **12.00-13.00 3° SESSIONE TRASLATIONAL IMMUNOLOGY**

Role of NFATc activation in innate immune cells in acute transplant rejection

**C. Cigni**

Role, Prognostic And Predictive Significance Of Tumor Infiltrating Neutrophils In Colorectal Cancer

**M.R. Galdiero**

Bone and Immune System Interaction In Multiple Myeloma-Bone Disease: The Role Of Light/Tnfsf14

**I. Gigante**

Multiple myeloma cell-derived exosomes modulate human NK cell-mediated functions

**E. Vulpis**

*13.00-14.00 Light lunch*

## **14.00-16.00 3° SESSIONE TRASLATIONAL IMMUNOLOGY**

Myeloma Cells Act As Tolerogenic Antigen-Presenting Cells And Induce Regulatory T Cells In Vitro

**V. Desantis**

The long pentraxin PTX3 is silenced in human colorectal cancer through DNA methylation of PTX3 enhancers

**M. Rubino**

Natural killer cells from malignant pleural effusions display a CD56brightCD16- phenotype and release pro-angiogenic cytokines

**S. Zanellato**

IL-1B inhibits cell proliferation of CD161+CD56+ cells derived from UCB-CD34+ precursors but promotes their maturation towards NK cells

**P. Ambrosini**

Bringing together the potential of immune cells and the power of new drugs to target cancers by nanoparticles

**C.M. Cristiani**

PCA allows to cluster patients with Multiple sclerosis on the basis of different subsets of CD8+ and invariant Natural Killer T cells

**E. Bianchini**

NK cells and neutrophils are sequentially recruited to the inflamed synovium and promote joint damage in a murine model of osteoarthritis

**G. Benigni**

Role of Sonic Hedgehog signaling pathway in NK cell-mediated regulation of Medulloblastoma



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S. Ascenzi

## Poster

- 1) **Martire** "Increased Cd8<sup>+</sup> T Cell Responses To Apoptotic T Cell-Associated Antigens Predict The Favorable Response To Anti-Tnf Therapy In Rheumatoid Arthritis"
- 2) **A.T. Palatucci** "Leishmaniosis In Canine Models Cd4/Cd8"
- 3) **V. Rubino** "T cell activation induces CuZn superoxide dismutase (SOD)-1 intracellular re-localization, production and secretion"
- 4) **P. Nisti** "Phenotypic Characterization Of Cd56lowcd16low Nk Cell Subset In Bone Marrow And Peripheral Blood Of Pediatric Healthy Donor"
- 5) **M. Di Giacomo** "5-Lipoxygenase (5-Lo) Expression And Activity In Asthmatic Patients"
- 6) **A. Curci** "Opening/Blocking Actions Of Pyruvate Kinase Antibodies On Neuronal And Muscular Katp Channes: Possible Involvement In Autoimmune Diseases"
- 7) **Cao** "Tgfbeta And Cancerogenesis Project Title: Large Scale Analysis Of Biomarkers For Drug Effectiveness Of Tgf- B Inhibitors"
- 8) **V. Dierenzo** "Cerebrospinal Fluid Osteopontin And Neurofilament Levels Mark Different Brain Atrophy Patterns In Clinically Isolated Syndrome"
- 9) **T. Dovmark** "Carbonic Anhydrase Activity Regulates Intracellular Ph In 3d Pancreatic Cancer Growth"
- 10) **F. Zahed** "Specific Apoptosis Induction Of Pdac Cells Using Kv10.1 As Target Surface Marker"
- 11) **I. Kovalenko and Christian** "Transportome Proteins As Modulators Of Pancreatic Ductal Adenocarcinoma Cell Metabolism"
- 12) **Gentile** "The Purinergic P2x7 Receptor Stimulates Collagen Production In Cardiac Fibroblasts From Chronic Heart Failure Patients: A New Therapeutic Target For Adverse Cardiac Remodelling?"
- 13) **A. Lamanuzzi** "Inhibition Of Mtor As Antiangiogenic Strategy In Multiple Myeloma"
- 14) **P. Mantuano** "Relationship Between Aberrant Mechanical-Met Abolic Coupling And Chronic Inflammation In Animal Models Of Duchenne Muscular Dystrophy And Idiopathic Polymyositis: Towards Identification Of New Therapeutic Targets"
- 15) **A. Morabito** "Store-Operated Channels In Pancreatic Cancer Cell Migration"
- 16) **N. Nielsen** "The Role Of Trpc1 And Trpc6 Channels In Hypoxia-Mediated Activation Of Pancreatic Stellate Cells"
- 17) **E.M. Palmieri** "Acetylation Of Human Mitochondrial Citrate Carrier Modulates Mitochondrial Citrate/Malate Exchange To Sustain NADPH Production During Macrophage Activation"
- 18) **S. Porro** "Correction Of Intermittent Hypoxia With Cpap Improves Cardiometabolic Abnormalities And Systemic And Adipose Tissue Inflammation In Obese Subjects With Obstructive Sleep Apnea"
- 19) **M. Principe** "Targeting Of Surface Eno1 Inhibits The Invasiveness Of Pancreatic Cancer Cells"
- 20) **Rani** "A Transforming Growth Factor Kinase I Inhibitor, Ly2157299, Modulates Stemness-Related Biomarkers In Hcc"
- 21) **M. Saccomanno** "Visualization Of Human Pancreatic Ductal Adenocarcinoma Xenografts By Noninvasive Near-Infrared Optical Imaging In Combination With Fluorescent Labeled Cetuximab"
- 22) **K. Zeeberg** "Stromal Composition And Hypoxia Modulate Pancreatic Ductal Adenocarcinoma Pdac Cancer Stem Cell Behavior And Plasticity By Controlling The Angiogenic Secretome"
- 23) **S. Battella** "Expression pattern of DNAM-family co-receptors on mucosal and peripheral blood T cells populations on paediatric subjects and Inflammatory Bowel Diseases patients"
- 24) **Laghi Pasini** "The purinergic P2X7 receptor stimulates collagen production in cardiac fibroblasts from chronic heart failure patients: a new therapeutic target for adverse cardiac remodelling?"
- 25) **I. Saltarella** "Notch signalling in multiple myeloma pahogenesis"
- 26) **M.P. Abruzzese** "Nitric Oxide donors increase CD155/PVR (DNAM-1 ligand) expression in Multiple Myeloma cells: role of DDR activation"
- 27) **S.C. Kong** "pH Regulatory Transporters in Pancreatic Ductal Adenocarcinoma"
- 28) **D. De Blasi** "Fine characterization of immunological mechanisms mediated by the major allergens of Parietaria judaica and hypoallergenic hybrid, rPJEDcys"



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29) **D. Sauter** "ANO1 (TMEM16A) in Pancreatic ductal adenocarcinoma (PDAC)"