



## 12<sup>th</sup> Conference of Italian Researchers in the World

*Program*

**March 25, 2017**

**Opening Ceremony**

**8:00 - 8:20 AM**

Auditorium (I Floor)

*Italian and American National Anthems*

Luca Cicalese, Andrea Duchini

Consul General Elena Sgarbi,

COMITES President Valter della Nebbia

Brevi saluti da Vincenzo Arcobelli Consigliere CGIE per gli USA

Apertura dei Lavori (Opening): Luca Cicalese (Logistics)

March 25, 2017

## **Experimental Medicine**

**8:30-9-30 AM**

*Chairs: Ennio Tasciotti, Daria Zorzi*

Alberto Di Ronza: Impaired lysosome biogenesis due to NCL protein deficiency

Chiara Liverani: Modeling breast cancer progression and drug responsiveness on a biomimetic scaffold

Francesca Taraballi: Biomaterials design for translational medicine

Noemi Arrighetti: Beyond biological barriers: nano-delivery of small interfering RNA

Francesco Vetrini: Becoming a geneticist: a tale of passion, family and hope

## **Clinical Medicine**

**9:35-11:15**

*Chairs: Andrea Natale; Davide Cattano*

Maria Elena Bottazzi: Innovative and multidisciplinary research collaborations: developing the next generation of biomedical global health technologies to combat tropical infectious diseases

Vincenzo Paolillo: Production processes and R&D of new PET radiopharmaceuticals

Roberto Arduino: Immune activation and inflammation: the current challenge beyond antiretroviral therapy

Davide Cattano: Sensitivity and specificity of different combinations of risk factors for pre-operative obstructive sleep apnea screening

Monica Longo: The effect of combined Inositols supplementation on maternal metabolic profile in pregnancies complicated by metabolic syndrome and obesity

Carola Gianni: Left atrial appendage closure for stroke reduction in patients with atrial fibrillation

Domenico Della Rocca: An injectable acellular capillary hydrogel improves left ventricular function after myocardial infarction

Valentina Ugolini: Healthy eating habits that will change your life

**Engineering - Aerospace**

**11:20-12:00**

*Chairs: Francesco Fusco, Ruben Sonnino*

Giovanni Lutz: Utilizing Oklahoma native microalgae strains for hydraulic fracturing wastewater remediation

Luca Quadrifoglio: Operations research methodologies- Civil engineering

Antonino Cucchiara: First stars and galaxies: the quest begins

**12:00-12:45 PM Lunch Break**

**Keynote speaker 12:45- 1.15 PM**

Astronaut Paolo Nespoli

ISS Expedition 52/53 – Activities and experiments

**2017 Concorso Letterario: Award Ceremony**

**1.20-2:00 PM**

Console Generale Elena Sgarbi, Valter Della Nebbia, Alex Di Bagno

Marina Mocci, Maria Wells

*Presented by Marina Mocci and Maria Wells*

**Bio and Hi-Tec (San Francisco Area)**

**2:00- 2.45 PM**

*Chair: Daniele Filippetto, Christian DiSanzo*

Roberto Zoncu: How our cells know their food: studying nutrient sensing in health and disease

Riccardo Melchiorri: Per aspera ad astra

Ermelinda Porpiglia: Revealing the identity and function of stem cell progenitors in skeletal muscle by single-cell mass cytometry

Mattia Bugossi: From Italy to the Silicon Valley: accomplishments and failures

### **Humanities**

**2:45 -4:45 PM**

*Chairs: Marina Natale; Angela Lombardi*

### **Literature- Culture**

Moira Di Mauro-Jackson: The three 'bibles' of the decadent movement in French, Italian and English literatures

Cristina Giliberti: Pirandello in America

Molly Mezzetti Zaldivar: Boccaccio and Romance

Maria Wells: "Il Magnifico Apparato" Fireworks and firearms in XVIII century Italy

### **Music -Media**

Luisa Nardini: Un bolognese a Austin: The manuscript 13 of the Harry Ransom Center

Guido Olivieri: Laughs and shocks: the performance of G.B. Pergolesi's La serva padrona

### **Architecture - Psychology**

Paolo Sanza: Italy as the platform for architectural investigations

Alessandro Segalini: The meaning of typography today

Mark Ludorf: Customizing students' educational experiences

Angela Lombardi: Environmental quality in case of adaptive reuse: learning from some case studies of damaged buildings in 2009 L'Aquila earthquake.

**Adaptation and Integration of Professionals from Italy to the USA in the 21st  
Century; Past and Future Challenges**

**4:45-5:10 PM**

Beatriz Ballerini: Immigration of Italians professionals in the US: current legal immigration regulations

Bruno Mascitelli: From 2004 to 2016 – A new Italian ‘exodus’ to Australia?

Luca Cicalese: Preliminary results of immigration study

**Roundtable discussion:**

**5:10-6:00 PM**

Elena Sgarbi (Consul General of Italy), Valter Della Nebbia (Presidente COMITES Houston)  
Andrea Duchini, Cristiana Rastellini, Luca Cicalese, Brando Ballerini.