

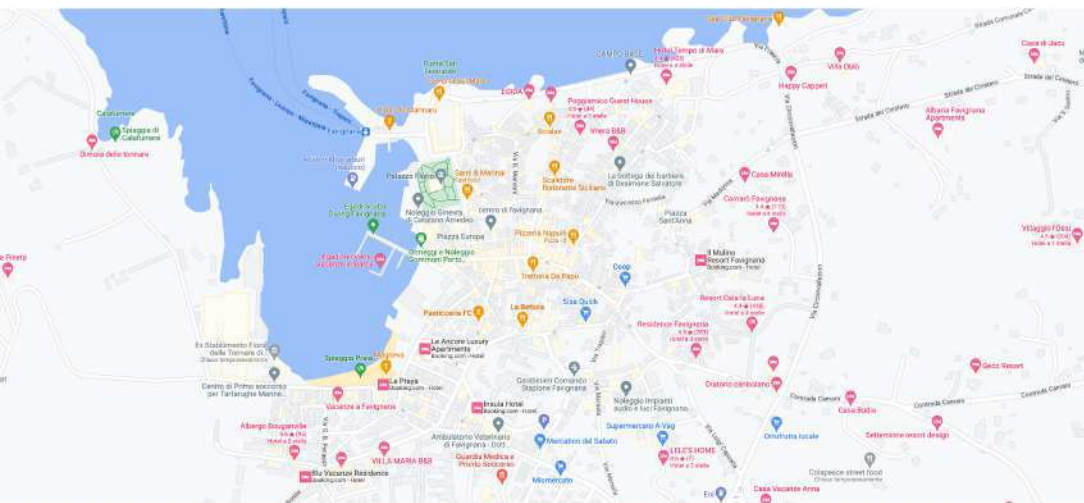
CONGRESS VENUE

Favignana 18 - 19 May 2023

Ex Stabilimento Florio delle Tonnare
di Favignana e Formica



SCAN ME



SIRTEPS
SOCIETÀ ITALIANA
RICERCA TRASLAZIONALE E PROFESSIONI SANITARIE

PRECISION MEDICINE IN THE ERA OF THE INTEGRATED OMICS

3rd MEETING

Scientific Organization and Coordination:

Giorgio Stassi
Sebastiano Di Bella
Simone Di Franco
Miriam Gaggianesi
Alice Turdo

Local Scientific Committee:

Matilde Todaro
Caterina La Cascia
Chiara Modica
Melania Lo Iacono

Organizing Secretariat:
Geatana Porcelli, Caterina D'Accardo, Francesco Verona,
Vincenzo Davide Pantina, Ornella Roberta Brancato
Contact: 091 23890818 - sirtepsmeeting@gmail.com

Thursday 18 May

12:00 - 14:00 **Registrations**14:00 - 14:30 **Authority's greeting**14:30 - 15:00 **Welcome & Opening**

Giorgio Stassi and Mauro Carta

15:00 - 15:45 **Opening Session**

The Role of p63 in the Female Germline Fidelity

Gerry Melino, University Rome "Tor Vergata", IT**SESSION I****Tools, Advances and Future Strategies for Biomarkers Identification****Chairs:** Di Marcotullio, Daniela Bonofiglio16:00 - 16:30 **Introduction:** Clinical perspectives on transcriptomic-based subtyping of colorectal cancer**Jan Paul Medema**, University Medical Centers, Amsterdam, NL

16:30 - 16:45 A new Machine Learning approach to accurately distinguish tumor types based on gene mutations and copy number variations from TCGA datasets

Veronica Zelli, University of L'Aquila, IT

16:45 - 17:00 The activation of Jagged1 signaling by chemotherapeutic agents counteracts the Oxaliplatin/5FU-mediated anti-cancer effects: a novel mechanism of drug resistance in CRC

Maria Pelullo, Sapienza University of Rome, IT

17:00 - 17:15 Dual inhibition of Sam68 and Rad51 as a synthetic lethal therapeutic strategy to target breast cancer stem cells

Miriam Gaggianesi, University of Palermo, IT

17:15 - 17:30 MEX3A/RIG-I axis a therapeutic target for new options for the treatment of glioblastoma

Francesca Bufalieri (will be presented by Antonino Cucinotta), Sapienza University of Rome, IT17:30 - 18:00 **Coffee Break**18:00 - 19:00 **Poster Session**19:00 - 20:00 **S.I.R.T.E.P.S.****General Assembly & Election Board 2023-2025**20:00 **Social Dinner****SESSION II****Innovative strategies in personalized rehabilitation medicine****Chairs:** Paolo Pillastrini, Alessia Bramanti9:00 - 9:30 **Introduction:** Personalized Medicine and Exercise Therapy in Muscular Dystrophies
Rita Barresi, San Camillo I.R.C.C.S. Venice, IT

9:30 - 9:45 Study of prefrontal functions by means of EEG/fNIRS in a long covid sample as preliminary tool for target-oriented cognitive rehabilitation

Livio Clemente, University of Bari, IT9:45 - 10:00 Disentangling Blink Reflexes in Multiple Sclerosis with machine learning techniques
Monica Biggio, University of Genoa, IT

10:00 - 10:15 Virtual Sailing for Active Aging - a feasibility study to improve cognitive functions and wellbeing among the elderly

Federica Sancassiani, University of Cagliari, IT10:15 - 10:30 Low-intensity rehabilitation in persistent post-COVID-19 dyspnoea: the value of Thermal rehabilitation as an appropriate setting
Emanuela Resta, University of Foggia, IT10:30 - 11:00 **Coffee Break**11:00 - 12:30 **Poster Session**12:30 - 13:30 **Lunch****SESSION III****Integrative Omics approaches: Clinical Implications****Chairs:** Giuseppe Castaldo, Lucia Speranza D. Rubattu, Donatella Paolino14:00 - 14:30 **Introduction:** Epigenetic mechanisms in cardiovascular diseases
Gianluigi Condorelli, Humanitas University, Milan, IT

14:30 - 14:45 Cardiac fibroblasts activation and metabolic switch in the initial phase of anthracycline cardiotoxicity

Konrad Urbanek, University of Naples, IT

14:45 - 15:00 A new proposed use of lyotropic liquid crystals as safe and biocompatible materials for local cardiac application

Maria Chiara Cristiano, University of Catanzaro, IT15:00 - 15:15 Recapitulating thyroid cancer histotypes through engineering embryonic stem cells
Veronica Veschi (will be presented by Alice Turdo), University of Palermo, IT15:15 - 15:30 High-dimensional flow cytometry identifies NK cell subset controlling and preventing opportunistic viral infections in allogeneic stem cell
Domenico Mavilio, University of Milan, IT15:30 - 15:40 Exploitation of an extended network for precision medicine: challenges and opportunities
Andrea Pace, University of Palermo, IT15:40 - 16:40 **Award Ceremony and Closing Remarks**



Committee for awarding the best oral presentations prizes “Alberto Gulino” and the best poster prize “Pierluigi Morosini”:

Prof.ssa Lucia Di Marcotullio

Prof.ssa Alessia Bramanti

Prof.ssa Donatella Paolino

Prizes will be awarded by:

Prof.ssa Lucia Di Marcotullio for **Tools, Advances and Future Strategies for Biomarkers Identification** Session

Prof.ssa Diana Bellavia for **Innovative strategies in personalized rehabilitation medicine** Session

Magnifico Prof. Edoardo Alesse for **Integrative Omics approaches: Clinical Implications** Session

Prof. Mauro Giovanni Carta for best poster prize