



SIRTEPS

SOCIETÀ ITALIANA
RICERCA TRASLAZIONALE E PROFESSIONI SANITARIE

2ND MEETING S.I.R.T.E.P.S.
SOCIETÀ ITALIANA RICERCA TRASLAZIONALE
E PROFESSIONI SANITARIE

TRANSLATIONAL RESEARCH, BIOTECHNOLOGY AND HEALTH CARE: A WINK TO THE FUTURE



L'AQUILA, 3-4 NOVEMBER 2022

AULA MAGNA " ALESSANDRO CLEMENTI "
"ERNESTO PONTIERI" BUILDING
UNIVERSITÀ DEGLI STUDI DELL'AQUILA



UNIVERSITÀ
DEGLI STUDI
DELL'AQUILA



DISCAB
Dipartimento di Scienze
Cliniche Applicate
e Biotecnologiche



MESVA
Dipartimento di Medicina Clinica,
Sanità Pubblica, Scienze della Vita
e dell'Ambiente

CONFERENCE AIM

The 2ND Meeting of S.I.R.T.E.P.S. aims at bringing together leading academic scientists, researchers and research scholars to exchange and share their experiences and research results on all aspects of advanced medical technologies and biotechnologies applied to translational research, diagnosis and therapies.

The meeting is spread over two days and includes an opening lecture and three thematic sessions with keynote speakers and selected oral presentations. A poster session will also be present, in order to provide a more fruitful opportunity of interactions and collaborations among participants.

During the meeting closing session, the S.I.R.T.E.P.S. Board of Director will award the best oral presentation and the best poster with the S.I.R.T.E.P.S. best oral presentation prize “Alberto Gulino” and the S.I.R.T.E.P.S. best poster prize “Pierluigi Morosini”.

We hope you will enjoy the Conference and we look forward to meeting you in L’Aquila!

Francesca Zazzeroni
Lia Ginaldi
Daria Capece

PROGRAMME

THURSDAY, 3 NOVEMBER 2022

12:00-14:00 Participant Registration, Poster

14:00-14:30 Authority's Greeting

14:30-15:00 Message of Presidents Prof. Mauro Giovanni Carta
and Prof. Giorgio Stassi

OPENING LECTURE

15:00-15:50 **LUIGINA ROMANI, UNIVERSITY OF PERUGIA**

Microbiota Medicine: Towards Clinical Revolution

SESSION I: ORGANOID TECHNOLOGY TO MODEL DISEASE
Chairs: Cinzia Marchese, Benedetta Cinque

16:00-16:30 **VINCENZO CORBO, UNIVERSITY OF VERONA**
*Organoids to Model Pancreatic Cancer Evolution under
Suboptimal Niche Conditions*

16:30-16:45 **FABIOLA MARINO, UNIVERSITY MAGNA GRAECIA OF CATANZARO**
*The Next Generation of Model Systems of Human Cardiac
Organoids in a Dish [P36]*

16:45-17:00 **GIULIA CANTINI, UNIVERSITY OF FLORENCE**
Novel 3D In Vitro Models for the Study of Adrenal Diseases [P09]

17:00-17:15 **SIMONE DI FRANCO, UNIVERSITY OF PALERMO**
*Role of bidirectional crosstalk between adipose and cancer
cells in obese CRC patients' progression [P19]*

17:15-17:30 **MADDALENA MASTROGIACOMO, UNIVERSITY OF GENOVA**
*Tumor-derived Extracellular Matrix Allows the Creation of a
Patient-personalized In Vitro Tumor [P37]*

17:30-18:15 POSTER SESSION & COFFEE

**18:15 ASSEMBLEA DEI SOCI ED ELEZIONE DEL CONSIGLIO DIRETTIVO
S.I.R.T.E.P.S.**

20:00 CENA SOCIALE

FRIDAY, 4 NOVEMBER 2022

SESSION II: INNOVATION IN TRANSLATIONAL RESEARCH FOR REHABILITATION

Chairs: Paolo Pillastrini, Giovanni Morone

9:00-9:30 **ANDREA TUROLLA, UNIVERSITY OF BOLOGNA**
Innovative Technologies and Modalities for Sensory-Motor Rehabilitation in Neurological Conditions

9:30-9:45 ALESSIA BRAMANTI, UNIVERSITY OF SALERNO
Biomarkers as a New Model to Assess the Efficacy of Cardiac Telerehabilitation through Artificial Intelligence [P06]

9:45-10:00 GIULIA COSSU, UNIVERSITY OF CAGLIARI
Active Elderly and Health, Bio-Psycho-Social Approach and New Rehabilitation Technologies [P13]

10:00-10:15 ALESSANDRA PERRA, UNIVERSITY OF CAGLIARI
Virtual Reality Frontiers in Bipolar Disorders: a Recovery Oriented Cognitive Rehabilitation Tool [P42]

10:15-10:30 GIUSEPPE LANZA, UNIVERSITY OF CATANIA
Non-invasive Brain Stimulation Techniques in Sleep Disorders: from Neurophysiology to Neuromodulation [P31]

10:30-11:15 POSTER SESSION & COFFEE

SESSION III: ADVANCED OMICS BIOTECHNOLOGIES

Chairs: Gianandrea Pasquinelli, Alessandra Tessitore

11:15-11:45 **GASTONE CASTELLANI, UNIVERSITY OF BOLOGNA**
Machine Learning and Artificial Intelligence Methods for Multi-Omics Integration

11:45-12:00 CLAUDIA DE VITIS, "SAPIENZA" UNIVERSITY OF ROME
ALDOC- and ENO2- driven Glucose Metabolism Sustains 3D Tumor Spheroids Growth Regardless of Nutrient Environmental Conditions: a Multi-Omics Analysis [P18]

12:00-12:15 MARÍA LABRADOR, UNIVERSITY OF TORINO
Functional Screenings Converge on MDM2 as a Modulator of Proteasome Inhibitor Resistance in Multiple Myeloma [P30]

12:15-12:30 ANNALISA ASTOLFI, UNIVERSITY OF BOLOGNA
Molecular Profiling of SDHA-deficient GIST Guides Preclinical Disease Modeling Based on Induced Pluripotent Stem Cells [P02]

12:30-12:45 LUDOVICA LOSPINOSO SEVERINI, "SAPIENZA" UNIVERSITY OF ROME
Proteomic Analysis Revealed SALL4 as a Substrate of CRL3REN Complex and a New Therapeutic Target for Sonic Hedgehog-dependent Medulloblastoma [P33]

12:45 AWARD CEREMONY AND CLOSING REMARKS

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University of L'Aquila

Phone: 0862 433538

e-mails: sirteps2022@gmail.com