

1st International Workshop 2HE

“Strategies and Perspectives for Research on Human Health and Environment”

June, 26,27, 2014, Lecce, Italy

The 1st International Workshop on Strategies and Perspectives for Research on Human Health and Environment - 2HE will be held 26-27 June 2014 at the Officine Cantelmo in Lecce, Italy.

The workshop will represent a prestigious occasion for the official launch of the Research Centre on Human Health and Environment (**2HE Centre**). During the event will be presented the mission and the research activities of the Centre, whose main purpose is to implement a technological platform for the scientific research, in order to develop new systems and functional devices in the fields of health, food and environment protection.

Participants

The workshop program will consist of plenary and special sessions with high-profile academic researchers, industry representatives and fundraising experts.

Topics

The focus of the event will be twofold.

The first day will be dedicated to two main issues, the management of the research, and the public and private funding of the scientific research in the light of the opportunities offered both at the national, and at the international level. The different models of research management will be analyzed and compared. Among the different strategies and best practices, it will shed light on those efficient in improving the fund raising ability, and in matching enterprises' innovation needs.

The two parallel sessions in the second day will represent an occasion, to discuss with prestigious personalities from the scientific world about the scientific results to date obtained within the 2HE research projects , and about the further research perspectives. The topics of the parallel sections will be: metabolomics and other systems biology techniques; advanced diagnostic techniques; seafood sustainable production; advanced environmental and analytical techniques, and sustainable chemical and technological processes.

Scientific Committee

Giuseppe Vasapollo

Dr. Giuseppe Ciccarella

Francesco Paolo Fanizzi

Cosimino Malitesta

Michele Maffia

Ludovico Valli

Carlo Storelli

Organizing Committee

Giuseppe Ciccarella

Simona De Santis

Teresa Fiorita

Giorgia Rollo

Rossana Bray

Program

Day 1 – Thursday June 26th 2014 – Officine Cantelmo, Lecce

9:00 - 9:30 Registration

9:30 – 10:30 Welcome Session

Welcome of the University of Salento

Prof. Vincenzo Zara (Dean of University of Salento)

Welcome of the political and civil authorities

10:30 – 11:00 Presentation of the 2HE Project

Prof. Giuseppe Vasapollo / Giuseppe Ciccarella (University of Salento)

Presentation of the Research Center for Human Health and Environment

11:00 – 11:30 Coffee Break

11:30 – 13:00 Presentation of the 2HE Centre research areas

Prof. Francesco Paolo Fanizzi (University of Salento)

Metabolomics and genomics

Prof. Cosimino Malitesta (University of Salento)

Advanced Analytical and Environmental Techniques

Dr. Raffaele Acierno (University of Salento)

Advanced diagnostic techniques

Prof. Ludovico Valli (University of Salento)

Sustainability in the Chemical and Technological Processes

Prof. Carlo Storelli (University of Salento)

Sustainable production of marine origin food

13:00 – 14:30 Lunch

14:30 – 16:00 Session 1

Dr. Fulvio Uggeri (Director, Centro Ricerche Bracco- Bracco Imaging S.p.A.)

Title: *Sustainability a Must in Diagnostic Imaging Business*

Dr. Viola Margiotta (presidente del gruppo Giovani Imprenditori di Confindustria Lecce e responsabile della gestione dei sistemi di qualità e ambiente della Ecomet srl)

Title: *Quality and environmental systems management*

16:00 – 16:30 Coffee Break

16:30 – 18:00 Session 2

Dr. Mario Citelli (Neon Club)

Title: *Star-Up: technology, innovation and finance*

Dr. Piotr Swiatek (Project Management Agency of Research Centre Juelich)

Title: *Combining Horizon2020, Cohesion Policy Funds and National Funding for innovation*

18:00 – 19:00 Poster Session

21:00 - 23:30 Social Dinner

Day 2 – Friday June 27th 2014 – Officine Cantelmo, Lecce

9:30 – 10:30 Parallel Session 1

Prof. Michel Salzet (University Lille 1)

Title: *Proteomics, Inflammatory Response, Mass Spectrometry*

Dr. M. Paz Herráez Ortega (University of León)

Title: *Cryobanking in fish: from sperm storage to the next generation of reproductive technologies*

9:30 – 10:30 Parallel Session 2

Dr. Michael James Whitcombe (Lecturer in Chemistry, University of Leicester, President of the Society for Molecular Imprinting)

Title: *MIP nanoparticles for diagnostic and in vivo applications*

Prof. Marcella Bonchio (University of Padova)

Title: *Artificial Photosynthesis Challenges: Water Splitting at Nanostructured Interfaces*

10:30 – 11:00 Coffee Break

11:00 – 12:00 Parallel Session 1

Prof. Luigi Pirtoli (University of Siena)

Title: *Research Perspectives For Nanoparticles In The Development Of A Scientific Background And Of Technology Implementation, For The Treatment Of Radiation-Resistant Tumors.*

11:00 – 12:00 Parallel Session 2

Prof. Bruce Chehroudi (Advanced Technology Consultants - ADT)

Title: *Nanotechnology, Graphene, and Applications in Fuel Energy*

Prof. Francesco Zerbetto (University of Bologna)

Title: *Study of photoinduced effects on molecules in solution or deposited in the form of thin films*