Environmental Pollution and Cardiovascular Diseases: The Microplastics Challenge

Inaugural Conference of the Departmental Research Center CIAMC – DAMSS
University of Campania "Luigi Vanvitelli"

Aula degli Affreschi, Sant'Andrea delle Dame Complex
Via L. De Crecchio, 7 – Naples, Italy

April 8, 2026 | h. 9:00 AM - 1:00 PM

Program

h. 9:00/9:15
Greetings
Giovanni Francesco Nicoletti
Rector - University of Campania "Luigi Vanvitelli", Naples, Italy

Ludovico Docimo
President - School Medical Sciences,
University of Campania "Luigi Vanvitelli", Naples, Italy

Raffaele Marfella
Director - Department DAMSS,
University of Campania "Luigi Vanvitelli", Naples, Italy

Mario Iervolino
General Manager AOU Vanvitelli

CIAMC: Rationale, Vision, and Research Lines
Giuseppe Paolisso
University of Campania "Luigi Vanvitelli", Naples, Italy

Moderator
Paolo Golino
University of Campania "Luigi Vanvitelli", Naples, Italy

h. 9:15/9:45
Micro-nanoplastics: a dangerous burden for cardiovascular health
Philip Landrigan
Boston College, USA (via Teams)

h. 9:45/10:15
Molecular mechanisms of microplastics-induced damage at the vascular level
Francesco Cosentino
Karolinska Institutet, Sweden

h. 10:15/10:45
Micro-nanoplastics in coronary thrombi: is OCT auseful technique for diagnosis?
Ik-Kyung Jang
Harvard Medical School/Massachusetts General Hospital, USA

Moderator
Paolo Calabro
University of Campania "Luigi Vanvitelli", Naples, Italy

h. 10:45/11:15
Micro- and nanoplastics: cardiovascular insightsfrom translational research
Emanuele Barbato
Sapienza University of Rome, Italy

h. 11:15/11:45
Micro- and nanoplastics and diabetes: a new link between metabolism and vascular inflammation
Antonio Ceriello
IRCCS MultiMedica, Milan, Italy

h. 11:45/12:15
Micro- and Nanoplastics in the Human Brain: Distribution, Biological Effects, and Health Relevance
Marcus Garcia
University of New Mexico, USA

h. 12:15/13:00
Final Discussion and Concluding Remarks
Raffaele Marfella
University of Campania "Luigi Vanvitelli", Naples, Italy