



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 insights from 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