ACCADEMIA MEDICA DI ROMA

mercoledì 13 marzo 2024, ore 16.00
Auditorium Prima Clinica Medica
Policlinico Umberto I, viale del Policlinico 155, Roma

La conferenza potrà essere seguita in presenza presso la sede sopra descritta oppure in streaming sulla piattaforma Zoom utilizzando il seguente link
https://uniroma1.zoom.us/j/92312414393?pwd=cDM2bTZ3VldoWEFjSnNJNXR6bmtJdz09
(Meeting ID: 923 1241 4393; Passcode: accademia)

Paolo Vineis

Chair in Environmental Epidemiology, MRC Centre for Environment and Health,
School of Public Health, Imperial College London

Parlerà sul tema:

"Alle radici delle pandemie: le cause remote"

La S.V. è invitata ad intervenire.

L'ACCADEMICO SEGRETARIO
ANTONIO MUSARO'

IL PRESIDENTE
VINCENZO BARNABA

Il certificato di partecipazione verrà rilasciato solo in presenza

Paolo Vineis
Imperial College London
Abstract

Environmental crisis, human health and preparedness to pandemics

Planetary health refers to "the health of human civilization and the state of the natural systems on which it depends". A key contribution to better understanding of Planetary health has come from the scientific contributions of the Stockholm Resilience Centre. I will discuss the concept of “planetary boundaries” and their implications for human health, with emphasis on communicable diseases. There is a close relationship between planetary health and human health. Intervening on risk factors for noncommunicable diseases could achieve a reduction of between 30% and 40% of premature deaths in HIC, and would substantially contribute to the avoidance of future pandemics. Conversely, many of the preventive actions for human diseases have also a positive impact on the environmental crisis, including climate change. According to the European Green Deal, CO_2 emissions must be reduced by 55% by the year 2030 and to net zero by 2050. Preventive interventions can be designed to both prevent diseases and jointly mitigate climate change, the so-called *cobenefits*.

Paolo Vineis is Chair of Environmental Epidemiology at Imperial College London and Fellow of Accademia dei Lincei. He is a leading researcher in the field of molecular epidemiology and his latest research focuses on environmental exposures and intermediate markers from -omic platforms in large epidemiological studies. He also investigates the effects of climate change on non-communicable diseases. PV is a principal investigator or co-investigator of numerous international projects. He has more than 1100 publications in scientific journals.