

Dipartimento di Scienze Mediche, Chirurgiche e Tecnologie avanzate "GF Ingrassia"

# "Non-communicable disease risk: from basic research models to risk assessment and clinical epigenetics"

### Ciclo di Seminari Internazionali Interdisciplinari presso la Scuola Superiore di Catania

"Non-communicable disease risk: from basic research models to risk assessment and clinical epigenetics"

### International Interdisciplinary Workshop at Scuola Superiore di Catania

The course is focused on current knowledge and future perspectives of clinical, genomic, and epigenomic signatures in non-communicable disease risk. It covers methodologies from basic research models to risk assessment and clinical epigenetics. The course aims to provide a wealth of theoretical concepts, as well as practical examples, on the translational approach from pre-clinical studies to patient bedside and lifelong health.

#### **Invited speakers**

- **Prof. Wolfgang Wagner**, Helmholtz-Institute for Biomedical Engineering, Stem Cell Biology and Cellular Engineering, Rheinisch-Westfälische Technische Hochschule (RWTH) Aachen University Medical School

"The epigenetic signatures of aging"

- Prof. Manlio Vinciguerra, International Clinical Research Center, St Anne's University Hospital of Brno

"Epigenetics in health and disease: from mice models to patient bedside"

- **Prof. Francisco Lopez-Jimenez,** Department of Cardiovascular Medicine, Division of Preventive Cardiology, Mayo Clinic, Rochester MN

"Cardiovascular health: from global epidemiology to individual risk prediction"

## PROGRAM

- March 19, 9:00-13:00 and 14:30-19:30 *"The epigenetic signatures of aging" -* prof. Wolfgang Wagner
- "Epigenetics in health and disease: from mice models to patient bedside" prof. Manlio Vinciguerra First week of June 2019, more details will be announced shortly
- "Cardiovascular health: from global epidemiology to individual risk prediction" prof. Francisco Lopez-Jimenez - First week of June 2019, more details will be announced shortly

Coordinator:

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