



In collaboration with:



UNIVERSITÀ
DEGLI STUDI
DI TORINO

September 14th, 2016

Epidemiology for clinical research

Introduction to the
Advanced Training Course in Clinical Epidemiology



ECM

This course is part of the **legislation** relevant to the **ECM**. Credits will be issued only upon both **participation** to the **entire course** and **completion** of the learning assessment questionnaires.

Scientific Director

Prof. Gianluigi Condorelli MD PhD
Prof. Franco Merletti MD PhD

Quantitative methods are essential to conduct efficient and valid research in clinical settings. Their rapid development and increasing complexity make formal training of medical researchers involved in study design and analysis a priority.

Clinical epidemiology aims at applying quantitative methods to translational medicine, to the study of clinically relevant research hypotheses and to the improvement of patient care. This event will involve a renowned international faculty to discuss on the contribution of clinical epidemiology to clinical research, including its recent developments and its interaction with other medical disciplines. It will also describe the rationale

for an **Advanced Training Course in Clinical Epidemiology** starting in November 2016. The event is open to clinicians, epidemiologists and other health professionals interested in carrying out independent clinical research or collaborating in observational or experimental clinical studies.

The lecturers will discuss successful (and unsuccessful) stories in clinical epidemiology, advanced methods applied to clinical research, and potential statistical pitfalls.

PROGRAMME: MORNING SESSION

09:30 **Marco Montorsi**

Chancellor Humanitas University, Milan Italy.

Alberto Mantovani

Vice Chancellor Humanitas University.
Scientific Director IRCCS Istituto Clinico
Humanitas, Milan, Italy.

Welcome

Chairman: Gianluigi Condorelli

10:00 **Jan Vandembroucke**

Department of Clinical Epidemiology,
Leiden University Medical Center,
Leiden, The Netherlands.
*Clinical epidemiology: past, present
and future*

10:50 **Anders Ekblom**

Clinical Epidemiology Unit, Department of
Medicine, Karolinska Institutet, Stockholm,
Sweden.

Building up a clinical epidemiology centre

11:40 **Annibale Biggeri**

Department of Statistics, Computer Science,
Applications – “G. Parenti”,
University of Florence, Italy.

Statistical pitfalls in clinical research

12:30 **Lunch break**

PROGRAMME: AFTERNOON SESSION

Chairman: Franco Merletti

Department of Medical Sciences,
University of Turin, Italy.

13.30 Bianca De Stavola

LSHTM Centre for Statistical Methodology and
Medical Statistics Department, London School
of Hygiene and Tropical Medicine, U.K.
*Methods to investigate mechanisms in
clinical epidemiology*

14:20 Paolo Bruzzi

Unit of clinical epidemiology,
National Cancer Research Institute, Genoa, Italy.
*Precision medicine and
evidence-based medicine*

15:10 Lorenzo Richiardi

Department of Medical Sciences,
University of Turin, Italy.
Discovering biomarkers for prostate cancer

Gianluigi Condorelli

16:00 Cardiovascular Department,
Humanitas University Milan, Italy.
*Biomarkers in cardiovascular diseases:
new approaches on the horizon?*

16:50 Closing

www.hunimed.eu

Registration

The participation is free of charge but it is necessary to be registered on www.humanitasedu.it

The event will be held in **English** without translation.

Organizing Secretariat

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Venue



Centro Congressi Humanitas
Via Manzoni 113 – Rozzano Milano, Italy