

**Claudio BORGHI**

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* Professor Claudio Borghi is Full Professor of Medicine and Head of the Department of Medicine and the ESH Excellence Center for Hypertension and Atherosclerosis at the University of Bologna. He received his medical degree at the same Alma Mater and developed his academic and clinical career in the Departments of Cardiology, Clinical Pharmacology, and Internal Medicine.
* He is director of the post-graduate school on Emergency Medicine and chairman of the PhD program of Health and Technology of the University of Bologna
* His research activities have been mainly focused on clinical epidemiology and on the therapeutic approach to cardiovascular risk, with special interests in hypertension, dyslipidemia and related risk factors, including serum uric acid.
* Professor Borghi is member of the European Society of Hypertension and the International Society of Hypertension, Fellow of the European Society of Cardiology, a member of the Council for Clinical Cardiology of the American Heart Association, and Past President of the Italian Society of Hypertension. He is currently President of the Italian Foundation for Hypertension. He is chairman of the Research, Science and Educational Committee of the International Society of Hypertension and ex-officio member of the Council of the ESH. He is member of the Nucleus of the ESC Working Group on Pharmacotherapy and Pharmacology.
* He sits on the editorial boards of several scientific journals and on the board of reviewers for *Hypertension, Journal of Hypertension, International Journal of Cardiology, European Heart Journal, British Journal of Clinical Pharmacology, American Journal of Hypertension, International Journal of Hypertension, American Journal of Medicine, The Lancet, New England Journal of Medicine, Circulation, Plos One, BMC Medicine,* and *Atherosclerosis.*
* He has lectured to primary care physicians, cardiologists, and internists about hypertension, cardiovascular risk factors, lipid-lowering drugs, clinical pharmacology of cardiovascular drugs, and drug treatment of cardiovascular diseases.
* Professor Borghi has broad experience in the organization and conduct of many large morbidity-mortality trials and epidemiological surveys (Brisighella Heart Study, EURIKA Study, and PANDORA Study, URRAH Study) in hypertension, dyslipidemia, coronary artery disease, and atherosclerosis.
* Professor Borghi is a member of many international scientific societies, and member of the board of authors for ESH-ESC Guidelines on the treatment of Hypertension, ISH Guidelines on the treatment of Hypertension, ESC guidelines on the Management of Cardiovascular Diseases during Pregnancy and has authored or co-authored over 450 peer-reviewed papers in hypertension, cardiovascular risk factors and drug treatment of cardiovascular diseases.

Seminar on:

General principles of Clinical Methodology

Elementi di Metodologia Clinica

February 19, 2021

**Audience:** PhD Fellows without medical background, but involved in health-oriented PhD courses

**Duration:** 4 hours (a secondo session is planned in March 2021)

**Language:** English (Italian opzional)

**Topics:** The seminar will be based on a brief review of

1. key elements of clinical medicine,
2. basic glossary currently used in medicine,
3. methodological approach to clinical practice,
4. clinical research and RCT in humans
5. possible biases and confounding factors
6. possible interactions between clinical approach and technology