Office for International Relations and Mobility
University of Brescia, Italy

New advances in Children Environmental Health

April 20 to June 15, 2018
Aula S - School of Medicine
14:00-16:00

The Program for Visiting Professors of the University of Brescia hosts this annual course directed by Prof. Robert Wright, as part of the Memorandum of Understanding between the University of Brescia and the Icahn School of Medicine at Mount Sinai, New York

- April 20 - The role of development in the response to environmental toxicants - Robert Wright
- April 27 - Gene-Environment Interactions and Child Health - Jeanette Stingone, Robert Wright
- May 04 - Air pollution and health: more than just respiratory effects - Jeanette Stingone, Robert Wright
- May 11 - Impact of metal exposure on neurodevelopment and neurodegeneration in the areas of Brescia and Taranto. Donatella Placidi, Robert Wright
- May 18 - The Exposome: Defining the Importance and Complexity of measuring the Environment - Manish Arora
- May 25 - Early Life and Environment and Health Manish Arora, Robert Wright
- June 1 - Statistical methods for Environmental Mixtures and Health Effects Chris Gennings, Robert Wright
- June 8 - Introductory Elements of Risk Assessment for Environmental Mixtures Chris Gennings
- June 15 – Why social stressors are important determinants in the exposome? Rosalind Wright, Robert Wright

Course Director and Instructors: Robert Wright, MD, MPH, Jeannette Stingone, PhD, MPH, Manish Arora PhD BDS MPH, Chris Gennings, PhD, Rosalind Wright, MD, Department of Environmental Medicine and Public Health, Icahn School of Medicine at Mount Sinai, New York, USA.

Course Overview: This problem-based learning course will emphasize interdisciplinary approaches to address problems in children environmental health and toxicology. Students will conduct analyses of assigned problems that integrate exposure pathways in environmental settings, fundamental laws governing the interaction of chemicals with biological systems at the molecular, cellular, and organismal level, and the environmental/public health impacts. The course will use a problem-based case study format to promote the understanding of key concepts and their application to the prevention of morbidity and mortality resulting from environmental exposure to toxic substances.

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