



## ORGANIZING COMMITTEE

### Francesco Forastiere

Supervisor of UOC Etiological and Occupational Epidemiology, Department of Epidemiology, AUSL Rome, Italy

### Sergio Harari

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Ospedale Classificato San Giuseppe MultiMedica, IRCCS Milan, Italy

### Pier Mannuccio Mannucci

Professor Emeritus, Internal Medicine, IRCCS Fondazione Ca' Granda Ospedale Maggiore Policlinico, Milan, Italy

## FACULTY

Annesi-Maesano Isabella	Paris (France)
Ancona Carla	Rome (Italy)
Bertazzi Pier Alberto	Milan (Italy)
Bonzini Matteo	Milan (Italy)
Cesaroni Giulia	Rome (Italy)
Cohen Aaron	Boston (USA)
Croci Edoardo	Milan (Italy)
Conti Sara	Milan (Italy)
Forastiere Francesco	Rome (Italy)
Gerometta Anna	Milan (Italy)
Harari Sergio	Milan (Italy)
Hoffmann Barbara	Bonn (Germany)
Jarosinska Dorota Iwona	Dusseldorf (Germany)
Kan Haidong	Fudan (China)
Krzyzanowski Michal	London (England)
Mannucci Pier Mannuccio	Milan (Italy)
Oudin Anna	Umeå (Sweden)
Pedersen Marie	Copenhagen (Denmark)
Peters Annette	Munchen (Germany)
Ranzi Andrea	Modena (Italy)
Stafoggia Massimo	Rome (Italy)
Skotak Krzysztof	Warszawa (Poland)
Sunyer Jordi	Barcelona (Spain)

## GENERAL INFORMATION

### VENUE

Aula Magna Università degli Studi di Milano  
Via Festa del Perdono, 7  
20122 Milan

### CME CREDITS

The Congress has obtained n. 5 Italian CME credits

### PARTICIPATION

The Congress is reserved for N. 200 Physicians  
The eligible disciplines for CME credits are:  
Respiratory diseases, Allergology, Cardiology, Epidemiology, General Medicine, Internal Medicine

### REGISTRATION

On line registrations on website [www.respirami.it](http://www.respirami.it)  
Registrations must be received by January 12, 2017

### Promoted by

#### Fondazione Internazionale Menarini

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### Organizing Secretariat

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## PROGRAM

With endorsement



**RespiraMI**  
**AIR POLLUTION AND OUR HEALTH**  
Milan, January 27 - 28, 2017

Promoted by



FONDAZIONE  
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Aula Magna Università degli studi di Milano

## RATIONALE OF THE CONFERENCE

### RespiraMi AIR POLLUTION AND OUR HEALTH

There is clear evidence that at least 3.6 million premature deaths are caused yearly in the world by indoor air pollution and a further 3.5 millions by outdoor pollution. In Europe the yearly toll of air pollution is 450.000 premature deaths and in Italy this number amounts to 85.000, particularly but not exclusively in the Lombardy and Po river plain. According to the European Ambient Agency the broad costs of these deleterious effects of air pollution are in the range of 330-940 billion Euros. It has been known for many years that the principal organs affected by air pollution are the lung, the heart and vessels, leading to a dramatic increase of respiratory and cardiovascular diseases. More recent data show that the health burden of air pollution is much greater and wider. Cancers increase and weak categories of people (the infant, the pregnant woman, the oldest old) are particularly affected, leading to a delayed physical and mental development in infants, cognitive impairment and to an array of neurodegenerative diseases. With this background, the goal of this Seminar is to bring uptodate knowledge on the effects of air pollution, with particular emphasis not only on the ailments traditionally known to be associated with it, but also on those which became more documented and evident in the last few years. During the Seminar there will be also reports on the actions undertaken to fight and control air pollution, with special emphasis on critical areas such as China, Eastern Europe and Lombardy. The strategies of the World Health Organization will be outlined and the voice of the lay members of the affected communities listened.

## PROGRAM MILAN, JANUARY 27 – 28 , 2017

### January 27, 2017

8.30-9.00	Greetings and introduction
	<b>Global impact of air pollution</b> Chairs: Michal Krzyzanowski; Pier Mannuccio Mannucci
9.00-9.30	The global burden of disease due to air pollution and its major sources (Aaron Cohen)
9.30-10.00	Towards a revision of the WHO Air Quality Guidelines (Dorota Iwona Jarosinska )
	<b>Air pollution, health and disease</b> Chairs: Francesco Forastiere; Jordi Sunyer
10.00-10.30	Respiratory disease (Isabella Annesi-Maesano)
10.30-11.00	Cardiovascular disease (Annette Peters)
11.00-11.30	INTERVAL
	Chairs: Francesco Forastiere; Annette Peters
11.30-12.00	How fine particles can influence diabetes: much ado about nothing? (Barbara Hoffmann)
12.00-12.30	Childhood neurodevelopment (Jordi Sunyer)
12.30-13.00	Air pollution and neurological diseases (Anna Oudin)

13.00-14.30	INTERVAL
	Chairs: Francesco Forastiere; Barbara Hoffmann
14.30-15.00	Reproductive health (Marie Pedersen)
15.00-15.30	Effects of air pollution on fragile and vulnerable people (Matteo Bonzini)
15.30-16.00	Health impacts of industrial contamination (Francesco Forastiere)
16.00-16.30	INTERVAL
	<b>Research on air pollution in Italy</b> Chairs: Isabella Annesi – Maesano; Sergio Harari
16.30-16.50	Air pollution in Italy: PM10 and PM2.5 prediction of daily data at 1 km grid using satellite data (Massimo Stafoggia)
16.50-17.10	Long-term effects of air pollution in the Rome Longitudinal Study: diabetes and neurological diseases (Giulia Cesaroni)
17.10-17.30	Health impact assessment of PM2.5 and NO2 in Italy: the VIIAS national study (Carla Ancona)
17.30-17.50	Drug consumption: a new indicator of air pollution (Sara Conti)
17.50-18.10	Health effects of source-related components of PM2.5 in Emilia-Romagna: the Supersite Project (Andrea Ranzi)

### Milan, January 28, 2017

	<b>Coping with air pollution</b> Chairs: Aaron Cohen; Pier Alberto Bertazzi;
9.00-9.30	The situation in Lombardy (Pier Alberto Bertazzi)
9.30-10.00	Ambient air pollution in China: health impact and interventions (Haidong Kan)
10.00-10.30	Health effects of air pollution in Poland (Krzysztof Skotak)
10.30-11.00	INTERVAL
	<b>The role of the community</b> Chairs: Sergio Harari; Pier Mannuccio Mannucci
11.00-11.30	The economic consequences of air pollution (Edoardo Croci)
11.30-12.00	The interactions between scientists and the community: how to make them more impactful for less air pollution (Anna Gerometta)
12.00-12.30	Is more health research needed to cope with air pollution? (Michal Krzyzanowski)
12.30-13.00	<b>General Discussion and Conclusions</b>