1st International Workshop on
Large scale population-based surveys
on respiratory health
in Italy and Europe

Verona, Italy

October 23rd-24th
2014

POLO DIDATTICO GIORGIO ZANOTTO

Endorsed by the
ERS EUROPEAN RESPIRATORY SOCIETY
GARD Italy
Estimates from the World Health Organization (WHO) show a continuous increase in prevalence and cost of respiratory diseases, which have become the second leading cause of disability in Western nations. However, health authorities, healthcare professionals, and the public opinion are still not fully aware of the health and social impact of these diseases. Since the Eighties, several large surveys on respiratory health have been performed on the European and Italian general population. They have largely contributed to our disease knowledge, but their results are still largely unknown to non-specialist audiences. Disseminating previously acquired epidemiological knowledge and promoting innovative studies on the general population are essential to properly allocate health resources, to evaluate the efficacy and safety of treatments in daily life, and to prevent most serious consequences of respiratory diseases.

For this reason, the scientific societies of Medical Statistics and Clinical Epidemiology, Pulmonology, Epidemiology, Allergology, and Pediatrics have jointly organized the Workshop “Large scale population-based surveys on respiratory health in Italy and Europe” to be held on 23rd-24th October 2014 in Verona, Italy.

The Workshop is aimed at presenting the design and the main results from the largest worldwide epidemiological collaborative research projects, undertaken in the last years to investigate respiratory health in children and adults. The European and Italian principal investigators, directly involved in these surveys, will illustrate their findings on the main determinants of respiratory diseases, disease evolution with time and socio-economic burden. The Workshop will provide a unique opportunity for scientists, pneumologists, allergologists, pediatricians, and other health professionals to get an overview of the most advanced ongoing researches in respiratory epidemiology, to debate some crucial topics for the validity of the data and models used, and to discuss how to deal with the future challenges of the research on respiratory health.
Large scale population-based surveys on respiratory health in Italy and Europe

1st International Workshop on

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2014

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Sezione di Epidemiologia e Statistica Medica
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Sezione di Epidemiologia e Statistica Medica
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Note
Welcome and Opening Ceremony
09.15 - 09.45

LECTURE - Population-based research: a shadow of the past or a challenge for the future?
Chair: R. de Marco
09.45 - 10.15

SESSION 1 – THE MULTICENTRE INTERNATIONAL STUDIES ON RESPIRATORY HEALTH
Chair: J.M. Antò – G. Viegi
10.15 - 10.35
Respiratory health in adults: the ECRHS study
10.35 - 10.55
Asthma and allergies in children: the ISAAC study
10.55 - 11.15
Combining population studies and environmental measurements: the ESCAPE experience
11.15 - 11.30
Discussion
11.30 - 11.45
Coffee Break

SESSION 2 - EUROPEAN POPULATION-BASED STUDIES ON LUNG FUNCTION AND RESPIRATORY DISEASES
Chair: E. Rönnmark – A. Rossi
11.45 - 12.00
Risk factors of COPD and lung function decline: the Nordic studies
12.00 - 12.15
The offspring study in the RHINE project
12.15 - 12.30
Main respiratory findings of large population based studies in Germany
12.30 - 13.15
Discussion
13.15 - 14.45
Lunch / POSTER SESSION

LECTURE - Open data access platform: a new opportunity for scientific collaboration
Chair: L. Carrozzi
14.45 - 15.00
The CNR surveys on lung function in the general populations of Po Delta and Pisa
15.00 - 15.15
The GURID (Gene Environment Interactions in Respiratory Diseases) study
15.15 - 15.30
Temporal variations in the prevalence of chronic respiratory diseases in Italy
15.30 - 15.45
Short-term effects of air pollution on the respiratory health
15.45 - 16.00
Lung function and prevalence of COPD in Verona
16.00 - 16.30
Discussion
16.30 - 16.45
Coffee Break

SESSION 3 - THE ITALIAN CONTRIBUTION TO RESPIRATORY EPIDEMIOLOGY
Chair: G. Blengio - M. Ferrari
16.45 - 17.15
Prevalence of asthma in Italian children: the results of the SIDRIA study
17.15 - 17.30
Short and long-term effects of the air pollution exposure in pregnancy and in the first years of life
17.30 - 17.45
Pregnancy complications and conditions and respiratory health
17.45 - 18.00
Risk factors of respiratory diseases in childhood
18.00 - 18.15
Real world evaluation of adherence to asthma guidelines in pediatric population
18.15 - 18.30
Discussion
18.30 - 18.45
Assemblea SISMÉC
18.30

SESSION 4 - ITALIAN POPULATION-BASED STUDIES OF RESPIRATORY HEALTH IN CHILDREN
Chair: E. Baraldi, A. Villani
17.15 - 17.30
Prevalence of asthma in Italian children: the results of the SIDRIA study
17.30 - 17.45
Short and long-term effects of the air pollution exposure in pregnancy and in the first years of life
17.45 - 18.00
Pregnancy complications and conditions and respiratory health
18.00 - 18.15
Risk factors of respiratory diseases in childhood
18.15 - 18.30
Real world evaluation of adherence to asthma guidelines in pediatric population
18.30 - 18.45
Assemblea SISMÉC
18.30

SESSION 5 - OPEN DATA ACCESS PLATFORM: A NEW OPPORTUNITY FOR SCIENTIFIC COLLABORATION
Chair: F. Arpinelli
14.45 - 15.00
The CNR surveys on lung function in the general populations of Po Delta and Pisa
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18.30
Large scale population-based surveys on respiratory health in Italy and Europe

**SESSION 5 – METHODOLOGICAL ISSUES IN POPULATION-BASED RESEARCH**

**Chairs:** I. Cerveri – P. Pasqualetti

- 09.00 - 09.20 Potential bias in epidemiological studies on the general population
  - P. Bakke
- 09.20 - 09.40 New exposure assessment strategies in environmental epidemiology
  - I. Annessi-Maesano
- 09.40 - 10.00 Multiple testing in genetic epidemiology
  - A. Forcemen
- 10.00 - 10.20 Multilevel modelling in multicentre studies
  - S. Accordini
- 10.20 - 10.40 Lung function modeling and measurement errors
  - M. Bottal
- 10.40 - 10.55 Discussion
- 10.55 - 11.10 Coffee Break

**SESSION 6 – GENES AND ENVIRONMENT IN RESPIRATORY HEALTH**

**Chairs:** L. Bernardinelli – G. Senna

- 11.10 - 11.25 Biobanking for respiratory health research and beyond: the SAPALDIA cohort
  - N. Probst-Hensch
- 11.25 - 11.40 Exposure to fine and ultra-fine particles and respiratory health
  - F. Forastiere
- 11.40 - 11.55 Climate change, extreme weather events and respiratory outcomes
  - P. Michelozzi
- 11.55 - 12.10 Pharmacogenetics of asthma
  - P. Montuschi
- 12.10 - 12.25 Carrier screening and incidence trends in cystic fibrosis
  - C. Castellani
- 12.25 - 13.00 Discussion
- 13.00 - 14.30 Lunch / POSTER SESSION

**SESSION 7 - BURDEN AND CONTROL OF ASTHMA AND COPD IN EUROPE AND ITALY**

**Chairs:** F. De Michele - P. Pirina

- 14.30 - 14.50 The burden of respiratory diseases according to the ERS Lung White Book
  - B. Lundbäck
- 14.50 - 15.10 The burden and the control of asthma in Europe and in Italy
  - L. Gazzarotti
- 15.10 - 15.30 Real life evaluation of the adherence to asthma and COPD guidelines in Italy
  - P. Poggiaro
- 15.30 - 15.45 Discussion
- 15.45 - 16.00 Coffee Break

**SESSION 8 – MAJOR NATIONAL AND INTERNATIONAL DATABASES: OPPORTUNITIES FOR RESEARCH ON RESPIRATORY HEALTH**

**Chairs:** A. Barchielli - F. Cavallo

- 16.00 - 16.20 Building up population-integrated databases: the Nordic experience
  - A. Elborn
- 16.20 - 16.35 Research opportunities by the use of Health Services Database in Veneto Region
  - U. Fedeli
- 16.35 - 16.50 Epidemiological studies on asthma and COPD in primary care
  - G. Bettone
- 16.50 - 17.05 Building reliable evidence from real-world data: some Italian experiences
  - G. Corso
- 17.05 - 17.20 ISTAT (Italian National Institute of Statistic) contribution to the research on respiratory diseases
  - A. Burgio
- 17.20-18.30 Round Table

**POPULATION, CLINICAL OR ADMINISTRATIVE DATA-BASED STUDIES. WHAT APPROACH FOR THE FUTURE MEDICAL RESEARCH?**


**ROUND TABLE**
Large scale population-based surveys on respiratory health in Italy and Europe

1st International Workshop on

FACULTY

Simone Accordini, Verona - IT
Isabella Amati-Moens, Paris - FR
Josep M. Antó, Barcelona - ES
Fabio Arpinelli, Verona - IT
Per Bakke, Bergen - N
Eugenio Baraldi, Padova - IT
Alessandro Barchielli, Firenze - IT
Pier Paolo Benetollo, Verona - IT
Luisa Bernardinelli, Cambridge - UK
Germano Bettoncelli, Brescia - IT
Annibale Biggeri, Firenze - IT
Gianstefano Blengio, Verona - IT
Attilio Boner, Verona - IT
Matteo Bottai, Stockholm - SE
Alessandra Borgio, Roma - IT
Peter Burney, London - UK
Laura Carrozzi, Pisa - IT
Carlo Castellani, Verona - IT
Franco Cavolo, Verona - IT
Lucia Cazzoletti, Verona - IT
Isa Cerveri, Pavia - IT
Giovanni Corso, Milano - IT
Roberto de Marco, Verona - IT
Fausto De Michele, Napoli - IT
Anders Ekholm, Stockholm - SE
Alessio Forcatri, Roma - IT
Ugo Fedeli, Padova - IT
Marcello Ferrari, Verona - IT
Francesco Forastiere, Roma - IT
Claudio Galassi, Torino - IT
Joachim Heinrichs, Neuberg - DE
Luciana Indinnimeo, Roma - IT
Debbie Jarvis, London - UK
Nina Künzli, Basel - CH
Stefania La Grutta, Palermo - IT
Peter Lange, Copenhagen - DK
Bo Lundhöök, Gothenburg - SE
Carlo Mercur, Pietra Ligure [SV] - IT
Paola Michielozzi, Roma - IT
Paolo Montuñaschi, Roma - IT
Pier Luigi Paggiaro, Pisa - IT
Patrizio Pasqualetti, Roma - IT
Neil Pearce, London - UK
Piero Pitina, Sassari - IT
Carlo Pumari, Neuray (FR) - IT
Nicole Probst Hensch, Basel - CH
Alessandro Rossi, Verona - IT
Franco Rusconi, Firenze - IT
Gianpiero Senna, Verona - IT
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23rd-24th October 2014

REGISTRATION FORM

PERSONAL DATA

Family Name: First Name: 
Profession: 
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REGISTRATION FEE

Euro 200,00 + VAT NO NON MEMBER 
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Payment of registration fee should be in Euros: By Bank Transfer 
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For Italian participants only

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CONFERENCE VENUE
Università degli Studi di Verona
Polo Didattico Giorgio Zanotto
Viale Università - Verona

CONTINUING MEDICAL EDUCATION
Continuing Medical Education (CME) accreditation will be available for only Italians medical specialist.
The event has been insert in the Continuing Medical Education Planning AIPO 2014
Provider 442
ID Code: 102554
CME Credits: 14

For online Registration
visit the website www.aiporicerche.it

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