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FONDAZIONE  
INTERNAZIONALE  
MENARINI

# MULTIMORBIDITY

complexity of  
patients

with

multiple

chronic  
diseases

14-15 DECEMBER 2017  
ROME - ITALY



final programme

# MULTIMORBIDITY

complexity of patients with multiple chronic diseases

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welcome

from  
the

presidents

The meeting on "MULTIMORBIDITY: complexity of patients with multiple chronic diseases" takes place in Rome (Hotel Quirinale) on December 14-15, 2017, thanks to the valuable support of Fondazione Internazionale Menarini.

Two-thirds of people aged  $\geq 65$  years have multi-morbidity. Multi-morbidity includes both physical and mental health conditions, as anxiety and depression, that almost invariably affect patients with multiple symptomatic chronic diseases. Management of a patient with any of the chronic diseases that are part of multi-morbidity is not just the management of that single index disease, but must include the active search and proper treatment of concomitant chronic diseases.

The main scope of this educational program is to get appraisal of the most important recent achievements and to explore the most advanced frontiers that are currently actively investigated through updated multidisciplinary approach.

In order to get this goal, prominent scientists and KOL have been involved to provide an outstanding and exciting program, with significant and highly interesting objectives.

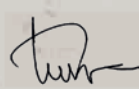
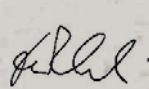
Welcoming all of you in Rome,

**Peter J. Barnes**

**Guy Brusselle**

**Leonardo M. Fabbri**

**Klaus F. Rabe**



presidents

**Prof. Peter J. Barnes**

National Heart and Lung Institute - Imperial College, London;  
Royal Brompton Hospital, London, UK

**Prof. Guy Brusselle**

Ghent University, Ghent, Belgium & Erasmus MC, Rotterdam, the Netherlands

**Prof. Leonardo M. Fabbri**

University of Ferrara, Italy & University of Gotheburg, Sweden

**Prof. Klaus F. Rabe**

University of Kiel; LungenClinic in Großhansdorf, Großhansdorf, Germany

faculty

Agnelli Giancarlo (Perugia, ITALY)

Agusti Alvar (Barcelona, SPAIN)

Antonelli Incalzi Raffaele (Rome, ITALY)

Armuzzi Alessandro (Rome, ITALY)

Barnes Peter J. (London, UK)

Beghè Bianca (Modena, ITALY)

Bernabei Roberto (Rome, ITALY)

Bianco Andrea (Naples, ITALY)

Brusselle Guy (Ghent, BELGIUM)

Bucca Caterina (Turin, ITALY)

Calabrò Raffaele (Rome, ITALY)

Cazzola Mario (Rome, ITALY)

Cesari Matteo (Toulouse, FRANCE)

Corbetta Lorenzo (Florence, ITALY)

Cosio Manuel (Padua, ITALY)

Crea Filippo (Rome, ITALY)

Delles Christian (Glasgow, UK)

Dinh-Xuan Anh Tuan (Paris, FRANCE)

Divo Miguel (Boston, MA, USA)

Fabbri Leonardo M. (Ferrara, ITALY -

Gothenburg, SWEDEN)

Ferrucci Luigi (Bethesda, USA)

Forastiere Francesco (Rome, ITALY)

Franssen Frits (Horn, THE NETHERLANDS)

Guthrie Bruce (Dundee, UK)

Ikram M.A. (Arfan) (Rotterdam,

THE NETHERLANDS)

Kirkwood Tom (Newcastle, UK)

MacNee William (Edinburgh, UK)

Malerba Mario (Novara, ITALY)

Mannino David M. (Lexington, KY, USA)

Mannucci Pier Mannuccio (Milan, ITALY)

Nozzoli Carlo (Florence, ITALY)

Paggiaro Pierluigi (Pisa, ITALY)

Palange Paolo (Rome, ITALY)

Papi Alberto (Ferrara, ITALY)

Pedone Claudio (Rome, ITALY)

Pistelli Riccardo (Rome, ITALY)

Plebani Mario (Padua, ITALY)

Porta Massimo (Turin, ITALY)

Rabe Klaus F. (Grossandhorf, GERMANY)

Ricciardolo Fabio (Turin, ITALY)

Richeldi Luca (Rome, ITALY)

Rodríguez Roisin Roberto (Barcelona,  
SPAIN)

Rogliani Paola (Rome, ITALY)

Saetta Marina (Padua, ITALY)

Sapey Elisabeth (Birmingham, UK)

Spanevello Antonio (Varese, ITALY)

Tobias Jon (Bristol, UK)

Torres Antoni (Barcelona, SPAIN)

Ullman Anders (Gothenburg, SWEDEN)

Vancheri Carlo (Catania, ITALY)

Vanfleteren Lowie (Maastricht,  
THE NETHERLANDS)

Violi Francesco (Rome, ITALY)

Watz Henrik (Lubeck, GERMANY)

Wouters Emiel (Maastricht,  
THE NETHERLANDS)

# MULTIMORBIDITY

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## programme

DECEMBER 14, 2017

### OPENING SESSION

**11.00** Preliminary Discussion on Multimorbidity in the elderly: panel discussion to respond to questions/proposals particularly from young investigators (both doctors and scientists)

Chairpersons: *P.J. Barnes (London, UK), G. Brusselle (Ghent, BELGIUM), L.M. Fabbri (Ferrara, ITALY - Gothenburg, SWEDEN), K.F. Rabe (Grossandhorf, GERMANY)*

Discussants: *G. Agnelli, B. Beghè, A. Bianco, C. Bucca, M. Cazzola, L. Corbetta, M. Cosio, F. Forastiere, M. Malerba, C. Nozzoli, P. Paggiaro, P. Palange, A. Papi, R. Pistelli, M. Plebani, F. Ricciardolo, P. Rogliani, M. Saetta, C. Vancheri, F. Violi*

**13.00** LUNCH

### OPENING LECTURE

Chairpersons: *R. Antonelli Incalzi (Rome, ITALY), P.J. Barnes (London, UK),*

**13.45** Our current understanding of ageing  
*T.B. Kirkwood (Newcastle, UK)*

### SESSION 1

Chairpersons: *L. Vanfleteren (Maastricht, THE NETHERLANDS), E. Wouters (Maastricht, THE NETHERLANDS),*

**14.15** Epidemiology of ageing and multimorbidity  
*D.M. Mannino (Lexington, US)*

**14.45** Assessment of frailty and multimorbidity  
*M. Cesari (Toulouse, FRANCE)*

### SESSION 2

Chairpersons: *R. Rodríguez Roisin (Barcelona, SPAIN), A. Spanevello (Varese, ITALY)*

**15.15** System Medicine/Inflammation  
*A. Agusti (Barcelona, SPAIN)*

**15.45** Mechanisms and potential therapeutic targets of COPD as ageing lung  
*W. MacNee (Edinburgh, UK)*

**16.15** COFFEE BREAK

### SESSION 3

Chairpersons: *G. Brusselle (Ghent, BELGIUM), P. Palange (Rome, ITALY)*

**16.30** Mitochondrial abnormalities in ageing  
*E. Sapey (Birmingham, UK)*

**17.00** Mechanisms and novel therapeutic targets of arterial hypertension  
*C. Delles (Glasgow, UK)*

### SESSION 4

Chairpersons: *P.J. Barnes (London, UK), F. Ricciardolo (Turin, Italy)*

**17.30** Mechanisms and novel therapeutic targets of ischemic heart disease  
*F. Crea (Rome, ITALY)*

**18.00** Mechanisms and potential therapeutic targets of chronic neurological diseases  
*M.A. (Arfan) Ikram (Rotterdam, THE NETHERLANDS)*

**18.30** Complexity of the patient with COPD and multiple chronic diseases  
*M. Divo (Boston, MA, USA)*

**19.00** Discussion

DECEMBER 15, 2017

### SESSION 5

Chairpersons: *G. Agnelli (Perugia, ITALY), K.F. Rabe (Grossandhorf, GERMANY)*

**09.00** Mechanisms and potential therapeutic targets of inflammatory bowel diseases  
*A. Armuzzi (Rome, ITALY)*

**09.30** Mechanisms and potential therapeutic targets of diabetes/obesity  
*M. Porta (Turin, ITALY)*

Chairpersons: *L. M. Fabbri (Ferrara, ITALY - Gothenburg, SWEDEN), P. Paggiaro (Pisa, ITALY),*

**10.00** Multimorbidity in patient with acute respiratory failure  
*A. Torres (Barcelona, SPAIN)*

**10.30** The diagnostic and prognostic role of breath pattern analysis in the multi morbid patient  
*R. Antonelli Incalzi (Rome, ITALY)*

**11.00** COFFEE BREAK

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## SESSION 6

**Chairpersons:** *A.T. Dinh-Xuan (Paris, FRANCE),  
M. Plebani (Padua, ITALY)*

**11.30** Mechanisms and potential therapeutic targets of chronic kidney failure  
*C. Pedone (Rome, ITALY)*

**12.00** Mechanisms and potential therapeutic targets of osteoporosis  
*J. Tobias (Bristol, UK)*

**12.30** Discussion

**13.00** LUNCH

## SESSION 7

**Chairpersons:** *F. Violi (Rome, ITALY),  
H. Watz (Lubeck, GERMANY)*

**14.00** Mechanisms and potential therapeutic targets of idiopathic pulmonary fibrosis  
*L. Richeldi (Rome, ITALY)*

**14.30** NICE Guidelines for multimorbidity  
*B. Guthrie (Dundee, UK)*

## SESSION 8

**Chairpersons:** *P.M. Mannucci (Milan, ITALY),  
A. Ullman (Gothenburg, SWEDEN),*

**15.00** Comprehensive approach to the frail multimorbid elderly  
*R. Bernabei (Rome, ITALY)*

**15.30** Physical activity and rehabilitation in the frail multimorbid elderly  
*F. Franssen (Maastricht,  
THE NETHERLANDS)*

**16.00** COFFEE BREAK

## CEREMONY OF LIFETIME ACHIEVEMENT AWARD

**Chairperson:** *R. Calabrò (Rome, ITALY)*

**16.30** Multimorbidity as biomarker of ageing  
*L. Ferrucci (Bethesda, USA)*

**17.00** Discussion

**17.30** Closing remarks

**18.00** CME TEXT

## general information

### MEETING VENUE

Meeting Room "Verdi"  
Hotel Quirinale  
Via Nazionale 7 - 00184 Rome (Italy)

### REGISTRATION

No registration fee is required to attend the conference.

### SECRETARIAT DESK

The secretariat desk will be open at the following times:  
December 14, 2017 = from 08.00 a.m. to 07.00 p.m.  
December 15, 2017 = from 08.00 a.m. to 06.30 p.m.

### OFFICIAL LANGUAGE

The official language of the congress is English.  
Simultaneous translation will not be provided.

### LUNCHES AND COFFEE BREAKS

Lunches and coffee breaks will be offered at the congress venue.

### CERTIFICATE OF ATTENDANCE

The certificate of attendance will be available on request at the end of the Meeting at the Secretariat Desk.

### TECHNICAL FACILITIES

Facilities will be available for computer presentations and overhead projections. A preview room with PC (Powerpoint for Windows) will be available for check and preview of presentations. It is essential that speakers take their presentations to the preview room at least one hour before the session starts.

### ECM - EDUCAZIONE CONTINUA IN MEDICINA - FOR ITALIAN DELEGATES ONLY

L'evento è stato accreditato presso la Commissione Nazionale per la Formazione Continua con Obiettivo Formativo di Processo: DOCUMENTAZIONE CLINICA. PERCORSI CLINICO-ASSISTENZIALI DIAGNOSTICI E RIABILITATIVI, PROFILI DI ASSISTENZA - PROFILI DI CURA (3) per le seguenti Figure Professionali/ discipline: TERAPISTA OCCUPAZIONALE, ASSISTENTE SANITARIO, FISIOTERAPISTA, INFERMIERE, EDUCATORE PROFESSIONALE, TECNICO DELLA RIABILITAZIONE e per la figura Professionale dello PSICOLOGO con specializzazione nelle seguenti discipline: PSICOTERAPIA; PSICOLOGIA e del MEDICO CHIRURGO con specializzazione nelle seguenti discipline: ALLERGOLOGIA ED IMMUNOLOGIA CLINICA; CARDIOLOGIA; EMATOLOGIA; ENDOCRINOLOGIA; GASTROENTEROLOGIA; GERIATRIA; MALATTIE METABOLICHE E DIABETOLOGIA; MALATTIE DELL'APPARATO RESPIRATORIO; MALATTIE INFETTIVE; MEDICINA INTERNA; NEFROLOGIA; NEUROLOGIA; PSICHIATRIA; REUMATOLOGIA; PATOLOGIA CLINICA (LABORATORIO DI ANALISI CHIMICO-CLINICHE E MICROBIOLOGIA); per un numero massimo di n. 200 partecipanti. Oltre tale numero e per professioni/ discipline differenti da quelle accreditate non sarà possibile rilasciare i crediti formativi. Si precisa che i crediti verranno erogati a fronte di una partecipazione del 90% ai lavori scientifici e del superamento della prova di apprendimento con almeno il 75% delle risposte corrette.

L'EVENTO HA OTTENUTO NR. 10,5 CREDITI FORMATIVI - ID ECM: 93- 207562 - ED.1

**PROMOTED BY**

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