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Dipartimento Medicine Specialistiche ed Oncologia Medica
e UOC di Pneumologia
UNIVERSITÀ DI MESSINA POLICLINICO "G. MARTINO"
MESSINA, ITALY

International Symposium

Pattern of Therapeutic Challenges in Pulmonology: *A Template for the Next Decade*

Taormina - ME (Italy) • 18th - 20th October, 2018

Atahotel Capotaormina

PRESIDENT:
PROF. GIUSEPPE GIRBINO



We still have significant unmet needs in the pharmacological personalized treatment of difficult-to-control asthma, chronic obstructive pulmonary disease (COPD), lung cancer, idiopathic pulmonary fibrosis (IPF) and the respiratory tract involvement in neuromuscular diseases. Collectively these lung diseases represent a major cause of morbidity and/or mortality worldwide.

Lung cancer is the most frequent cause of cancer-related deaths worldwide. Every year, 1.8 million people are diagnosed with lung cancer, and 1.6 million people die as a result of the disease. 5-year survival rates vary from 4-17% depending on stage and regional differences. In the last years, the introduction of immune checkpoint inhibitors is quickly changing lung cancer management and this is a rapidly evolving field.

In addition there are molecular links, still largely under investigated, between COPD, lung, cancer and IPF, all tobacco smoking-related diseases but with different clinical-pathological expressions. It is particularly relevant that in a large longitudinal study of asymptomatic patients with mild-to-moderate COPD, ~33% of subjects died of lung cancer over ~15 years suggesting that lung cancer is a leading cause of morbidity and mortality in COPD patients. These patients share a common environmental risk factor (tobacco smoking) and a genetic predisposition represented by the incidence of these diseases in only a fraction of smokers. COPD is also a major independent risk factor for lung carcinoma, among smokers.

IPF occurs worldwide. The prevalence of the disease appears to be increasing, although it is unclear whether this reflects increased recognition or a true increase in incidence. IPF is of particular clinical interest because it is often misdiagnosed and managed inappropriately with immunosuppressive therapy, it is associated with a high mortality rate, and therapies that slow disease progression are now available.

Severe asthma accounts for only a small proportion of the patients with difficult-to-control asthma, but use a disproportionately high amount of health resources and has an high morbidity. It is an heterogeneous entity and requires a step-wise, evidence-based approach for its evaluation and management in specialised Centres. Management of severe asthma may include many biologic drugs as well as new emerging therapies based on the individual patient characteristics.

Neuromuscular diseases represent a heterogeneous group of disorders of the muscle, nerve or neuromuscular junction. Involvement of respiratory muscles is a nearly constant feature of neuromuscular disorders, leading to severe respiratory failure and increasing the risk of pneumonias. Diagnosis and treatment of their respiratory tract involvement is crucial because of the importance of respiratory morbidity and mortality.

We also would like to provide an overview of emerging and/or changing concepts in several areas of Paediatric Pulmonology rather than a comprehensive review of the field.

For all these reasons the aim of this Meeting is to gather together Italian and International experts in the field of these lung diseases to discuss in depth the cutting edge clinical and translational research performed in these different diseases and to coordinate global research network efforts to promote a better knowledge in their pathogenesis and to obtain new pharmacological targets for rationale drug development.



Prof. Giuseppe Girbino
PRESIDENT OF THE MEETING



UNDER THE AUSPICES OF



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Regione Siciliana



Università di Messina

PRESIDENT OF THE MEETING: Prof. Giuseppe Girbino

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UNIVERSITÀ DI MESSINA - POLICLINICO "G. MARTINO" PAD H - MESSINA, ITALY

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L. Richeldi (ROMA, IT) • G. V. Scagliotti (TORINO, IT) • S. Szeffler (DENVER, USA)*

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N. Scichilone (PALERMO, IT) • M. Spatafora (PALERMO, IT) • G. Trifirò (MESSINA, IT)
C. Vancheri (CATANIA, IT)*

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02.30 p.m. Registration of participants

03.00 p.m. Welcome, opening remarks and Greetings from the Authorities
G. Girbino (MESSINA, IT)

03.30 p.m. ROUND TABLE “Scientific rationale behind the Meeting”
*A.P. Caputi (MESSINA, IT); G. Caramori (MESSINA, IT); C. Lunetta (MILANO, IT);
L. Richeldi (ROMA, IT); G.V. Scagliotti (TORINO, IT); S. Szeffler (DENVER, USA)*

SESSION I INVITED EXPERTS’ LECTURES

CHAIRPERSONS: *M.R. Bonsignore (PALERMO, IT); A.P. Caputi (MESSINA, IT);
M. Cazzola (ROMA, IT); N. Scichilone (PALERMO, IT)*

04.30 p.m. *N. Martini (ROMA, IT)*
Chronicity, multimorbidity and therapeutic pathways in Pulmonology:
the challenge for the future

05.15 p.m. *S. Bonini (ROMA, IT)*
Innovation in respiratory drugs

SESSION II CHALLENGE IN NEW THERAPEUTIC AVENUES IN THORACIC CANCERS

COORDINATOR: *G.V. Scagliotti (TORINO, IT)*
CHAIRPERSONS: *A. Palange (ROMA, IT); A. Palla (PISA, IT);
M. Spatafora (PALERMO, IT); C. Tantucci (BRESCIA, IT)*

06.00 p.m. *G.V. Scagliotti (TORINO, IT)*
Introduction to the session

06.15 p.m. *G.V. Scagliotti (TORINO, IT)*
Precision medicine in thoracic cancers: challenges and opportunities

06.35 p.m. *L. Paz Ares (MADRID, ES)*
Targeted therapies and lung cancer

06.55 p.m. *R. Herbst (YALE, USA)*
Harnessing the immune system in lung cancer: a look to the future

07.15 p.m. *R. Govindan (SAINT LOUIS, USA)*
TCGA and thoracic cancers: fishing the new therapeutic opportunities

07.35 p.m. *P. Baas (AMSTERDAM, NL)*
Searching new therapeutic opportunities for malignant mesothelioma

07.55 p.m. Talk Host: *A. Bianco (NAPOLI, IT)*

08.25 p.m. End of the day

SESSION III NEW CHALLENGES IN NEUROMUSCULAR DISEASES

COORDINATOR: **C. Lunetta** (MILANO, IT)

CHAIRPERSONS: **A. Chetta** (PARMA, IT); **M. Pistolesi** (FIRENZE, IT);

A. Spanevello (VARESE, IT)

-
- 08.45 a.m.** **C. Lunetta** (MILANO, IT)
Introduction to the session
-
- 08.55 a.m.** **A. Chiò** (TORINO, IT)
The complexity of the phenotype of amyotrophic lateral sclerosis
-
- 09.15 a.m.** **B. Traynor** (BETHESDA-MA, USA)
How the genetic discoveries have changed our knowledge of amyotrophic lateral Sclerosis
-
- 09.35 a.m.** **P. Van Damme** (LEUVEN, BE)
New therapeutic approaches in amyotrophic lateral sclerosis
-
- 09.55 a.m.** **S. Messina** (MESSINA, IT)
New therapeutic approaches in spinal muscular atrophy
-
- 10.15 a.m.** Talk Hosts: **M. Aiello** (PARMA, IT); **A. Vianello** (PADOVA, IT)
-
- 10.45 a.m.** COFFEE BREAK

SESSION IV NEW CHALLENGES IN PEDIATRIC PULMONOLOGY

COORDINATOR: **S. Szeftler** (DENVER, USA)

CHAIRPERSONS: **V. De Rose** (TORINO, IT); **V. Casolaro** (SALERNO, IT);

M. P. Foschino Barbaro (FOGGIA, IT); **C. Stellato** (SALERNO, IT)

-
- 11.00 a.m.** **S. Szeftler** (DENVER, USA)
Introduction to the session
-
- 11.10 a.m.** **S. Szeftler** (DENVER, USA)
Therapeutic Challenges in Pediatric Asthma
-
- 11.30 a.m.** **E. Baraldi** (PADOVA, IT)
Early life origins of chronic pulmonary diseases
-
- 11.50 a.m.** **H. Tiddens** (ROTTERDAM, NL)
New developments in cystic fibrosis
-
- 12.10 p.m.** **T. Hansel** (LONDON, UK)
New developments in RSV bronchiolitis
-
- 12.30 p.m.** Talk Hosts: **M. Contoli** (FERRARA, IT); **F. Ricciardolo** (TORINO, IT)
-
- 01.00 p.m.** LIGHT LUNCH

SESSION V THE FUTURE TREATMENT OF OBSTRUCTIVE LUNG DISEASES

COORDINATOR: **G. Caramori** (MESSINA, IT)

CHAIRPERSONS: **K. Fan Chung** (LONDON, UK); **P. Hansbro** (NEWCASTLE, AUS);

P. Ruggeri (MESSINA, IT); **C. Virchow** (ROSTOK, D)

02.00 p.m. **G. Caramori** (MESSINA, IT)

Introduction to the session

02.10 p.m. **G. Caramori** (MESSINA, IT)

New targets for COPD drugs

02.30 p.m. **P. Kirkham** (WOLVERHAMPTON, UK)

New biomarkers in development for asthma and COPD

02.50 p.m. **I. Adcock** (LONDON, UK)

Asthma: targeting treatment of specific endotypes

03.10 p.m. **R. Gosens** (GRONINGEN, NL)

Lung regeneration: risks/benefits of stem cell mediated therapeutic approach

03.30 p.m. Talk Host: **F. Meloni** (PAVIA, IT)

04.00 p.m. End of the day

SESSION VI NEW CHALLENGES IN PULMONARY FIBROSIS

COORDINATOR: **L. Richeldi** (ROMA, IT)

CHAIRPERSONS: **N. Crimi** (CATANIA, IT); **S. Centanni** (MILANO, IT);

O. Resta (BARI, IT); **P. Rottoli** (SIENA, IT)

08.45 a.m. **L. Richeldi** (ROMA, IT)

Introduction to the session

08.55 a.m. **C. Vancheri** (CATANIA, IT)

Back to the basic: which pathways are real therapeutic targets in pulmonary fibrosis?

09.15 a.m. **L. Richeldi** (ROMA, IT)

Learning from the past: lessons from past clinical trials

09.35 a.m. **F. Martinez** (NEW YORK, USA)

Study design: between genetics and pragmatism

09.55 a.m. Talk Hosts: **C. Albera** (TORINO, IT); **G. Mazzeo** (NAPOLI, IT)

10.30 a.m. COFFEE BREAK

SESSION VII NEW CHALLENGES FOR PULMONARY PHARMACOLOGY

COORDINATOR: **A.P. Caputi** (MESSINA, IT)

CHAIRPERSONS: **P.L. Paggiaro** (PISA, IT); **G. Pelaia** (CATANZARO, IT);

D. Sangari (MESSINA, IT)

10.45 a.m. **A.P. Caputi** (MESSINA, IT)

Introduction to the session

11.00 a.m. **M. Cazzola** (ROMA, IT)

Chronic diseases, therapies and polypharmacy

11.30 a.m. **G. Trifirò** (MESSINA, IT)

Treatment: appropriateness and adherence - What to do?

12.00 p.m. **A.P. Caputi** (MESSINA, IT)

Fixed combination and polypharmacy

12.30 p.m. Talk Hosts: **M.G. Matera** (NAPOLI, IT); **A. Proietto** (MESSINA, IT);

P. Sestini (SIENA, IT)

01.00 p.m. CME questionnaire

01.30 p.m. **G. Girbino** (MESSINA, IT)

Take home messages & Concluding remarks

Ian Adcock	NATIONAL HEART AND LUNG INSTITUTE, IMPERIAL COLLEGE LONDON - LONDON (UK)
Marina Aiello	UNIVERSITÀ DEGLI STUDI - PARMA (IT)
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Meeting venue - The venue for the Meeting will be “Atahotel Capotaormina”
Via Nazionale, 105 - 98039 Taormina, Messina (Italy)

Secretariat during the Meeting - The Secretariat will be open at the following times:
Thursday, 18 October, from 11.30 a.m. to 8.30 p.m.
Friday, 19 October, from 7.30 a.m. to 4.00 p.m.
Saturday, 20 October, from 7.30 a.m. to 2.00 p.m.

Official language - The official language of the Meeting will be English.

Interpretation service - Our conference interpreters will provide simultaneous interpretation services throughout the Meeting. Complimentary headphones for simultaneous interpretation will be available upon your arrival at the Meeting venue

Italian C.M.E. (CONTINUING MEDICAL EDUCATION)

Collage S.p.A. (provider n. 309) has included the Meeting in the educational plan 2018. C.M.E. ref.: 309-236392

The Meeting will be suited for **PHYSICIANS** (Pulmonologists, Emergency and Urgent Surgery MDs, Geriatricians, Neurologists, Oncologists, Pediatricians, Rheumatologists, Internists, Allergologists, Infectivologists, General Practitioners, Pharmacologists, Occupational Medicine MDs, Epidemiologists, Otorhinolaryngologists) and **NURSES** and it provides 9,8 C.M.E. credits

In order to obtain C.M.E. credits, participants must

- attend the 90% of the meeting (18-19-20 October, 2018)
- fill-in the CME evaluation questionnaire (credits will be granted to those who will answer 70% correctly)
- belong to the credited medical profession and specializations related to this Meeting
- submit the required documentation, sign in and sign out at the Registration desk at the beginning/end of 18-19-20 October, 2018

Italian C.M.E. Certification - The certificate of attendance with the number of C.M.E. assigned credits can be downloaded after 91 days from the date of the Meeting directly through the website www.collage-spa.it/sezione congressi ecm /Corsi ecm / select the year and the title of the Event/digit your fiscal code and download your Certification

Certificate of attendance - Certificate of attendance will be issued at the Registration desk at the end of the Meeting

Registration - The meeting is free to attend.

On-line registration is mandatory and possible until October 10th, 2019 or until the predetermined limit is reached. Please confirm your participation to the Organizing Secretariat by registering online at www.collage-spa.it

Registration includes: admission to the Congress, Congress documentation, Certificate of Attendance, coffee breaks and light lunches.

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

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Saturday, 20 October, from 7.30 a.m. to 2.00 p.m.

Lunches and coffee breaks - Lunches and coffee breaks will be served in the Meeting area.

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