

## Faculty

**Maria Teresa Busceti** (Catanzaro)  
**Cecilia Calabrese** (Napoli)  
**Massimo Calderazzo** (Lamezia Terme)  
**Walter Canonica** (Milano)  
**Gaetano Caramori** (Messina)  
**Giovanna Elisiana Carpagnano** (Bari)  
**Claudia Crimi** (Catania)  
**Nunzio Crimi** (Catania)  
**Mariella D'Amato** (Napoli)  
**Danilo Di Bona** (Bari)  
**Maria Pia Foschino Barbaro** (Foggia)  
**Nicola Lombardo** (Catanzaro)  
**Luigi Macchia** (Bari)  
**Gianni Marone** (Napoli)  
**Giuseppina Marrazzo** (Catanzaro)  
**Serafino Antonio Marsico** (Napoli)  
**Parameswaran Nair** (Hamilton, Canada)  
**Alberto Papi** (Ferrara)  
**Giovanni Passalacqua** (Messina)  
**Corrado Pelaia** (Catanzaro)  
**Girolamo Pelaia** (Catanzaro)  
**Chiara Piizzi** (Catanzaro)  
**Celeste Porsbjerg** (Copenhagen, Denmark)  
**Andrea Portacci** (Bari)  
**Luisa Ricciardi** (Messina)  
**Pasquale Romeo** (Catanzaro)  
**Nicola Scichilone** (Palermo)  
**Giuseppe Spadaro** (Napoli)  
**Massimo Triggiani** (Napoli)  
**Giuseppe Valenti** (Palermo)  
**Carlo Vancheri** (Catania)  
**Gilda Varricchi** (Napoli)  
**Alessandro Vatrella** (Salerno)  
**Christian Virchow** (Rostock, Germany)

## General Information

**Honorary President**  
**Prof. Serafino Antonio Marsico**

**Presidents**  
**Prof. Nunzio Crimi and Prof. Girolamo Pelaia**

### Scientific Coordinators

**Alida Benfante** (Palermo)  
**Maria F. Caiaffa** (Foggia)  
**Cecilia Calabrese** (Napoli)  
**Elisiana Carpagnano** (Bari)  
**Claudia Crimi** (Catania)  
**Maria D'Amato** (Napoli)  
**Maria Pia Foschino** (Foggia)  
**Corrado Pelaia** (Catanzaro)  
**Giulia Scioscia** (Foggia)

### Life-Long Learning in Medicine

The meeting is part of the CME program of the Ministry of Health  
for 50 participants.  
**No. 13 CME Credits.**

### Location of the Meeting

**Auditorium**  
**University of Studies "Magna Græcia"**  
**University Campus "Salvatore Venuta"**  
Viale Europa, 88100 Catanzaro

### Secretariat

**SA.MA.**  
Service & Congress

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# IV ANNUAL MEETING OF SOUTHERN ITALY NETWORK ON SEVERE ASTHMA THERAPY

14<sup>th</sup>-15<sup>th</sup> July 2023

University of Studies  
"Magna Græcia"  
Catanzaro, Italy

## Introduction

The Fourth Meeting of the “Southern Italy Network on Severe Asthma Therapy” will take place in Catanzaro on 14 and 15 July 2023. Similar to the previous editions, it should not be considered a typical congress, but rather an update meeting involving all the centers included in the network. The main topic will be severe asthma therapy, with special regard to biological treatments.

The work of all centres provides several scientific activities focusing on the treatment of severe asthma, and especially based on the collaboration of many young physicians who express at best their skills within the context of this network.

The recent advances about the knowledge of the pathobiologic mechanisms underlying severe asthma have made it possible to develop many targeted monoclonal antibodies, able to remarkably improve the control of symptoms, lung function and quality of life, as well as to decrease the number and severity of disease exacerbations, the intake of oral corticosteroids and the overall mortality rate. Therefore, these very relevant therapeutic effects often allow to achieve the important goal of clinical remission.

The new biological drugs are also significantly contributing to implement a precision therapeutic strategy, based on the modern concept of personalized medicine targeting specific molecular components of the pathophysiologic cascade underpinning severe asthma.

In particular, our meeting will be attended by Italian and foreign leading experts on severe asthma, whose participation will be aimed to deepen our understanding of this thematic issue, as well as to stimulate new studies and share research proposals, within the context of a multidisciplinary management of severe asthmatic patients treated with biological therapies.

**Welcome to Catanzaro!**

*Nunzio Crimi and Girolamo Pelaia*

## Scientific Program

**Friday 14<sup>th</sup> July 2023**

**2.30 pm Welcome address:**  
*Institutional Authorities*

**Introduction to the Meeting:**  
*Serafino Marsico, Nunzio Crimi and Girolamo Pelaia*

### FIRST SESSION: CELLS INVOLVED IN TYPE 2 INFLAMMATION

#### First part

Chairmen: *M.P. Foschino Barbaro, S.A. Marsico, C. Pizzi*

**2.40 pm Role of mast cells in type 2 inflammation**  
*G. Marone*

**3.10 pm Role of eosinophils in type 2 inflammation**  
*G. Varricchi*

**3.40 pm Role of macrophages and dendritic cells in type 2 inflammation**  
*M. Triggiani*

**4.10 pm Discussion**

#### Second Part

Chairmen: *M.T. Busceti, C. Calabrese, G. Pelaia*

**4.30 pm Role of airway epithelial cells in type 2 inflammation**  
*C. Porsbjerg*

**5.00 pm Role of group 2 innate lymphoid cells (ILC2) in type 2 inflammation**  
*P. Nair*

**5.30 pm Discussion**

### SECOND SESSION: BRONCHIAL REMODELING AND FUNCTIONAL CHANGES OF SMALL AIRWAYS

Chairmen: *G. Passalacqua, M. Calderazzo, M. D'Amato*

**5.50 pm Bronchial remodeling in severe asthma and radiological imaging**  
*N. Scichilone*

**6.20 pm Functional changes of small airways in severe asthma**  
*A. Vatrella*

**6.50 pm Discussion**

## Scientific Program

**Saturday 15<sup>th</sup> July 2023**

### SEVERE ASTHMA THERAPY

#### First Session

Chairmen: *G. Caramori, P. Romeo, C. Vancheri*

**9.00 am Effects of biological therapies on airway remodeling**  
*W. Canonica*

**9.30 am Clinical remission in severe asthma**  
*C. Virchow*

**10.00 am Discussion**

#### Second Session

Chairmen: *D. Di Bona, G. Marrazzo, G. Valenti*

**10.10 am Southern Italy network on severe asthma therapy: activity results**  
*N. Crimi*

**10.20 am The new proposals of young collaborators**  
*Alida Benfante, Raffaele Campisi, Isabella Carreri, Mariella D'Amato, Danilo Di Bona, Angelantonio Maglio, Santi Nolasco, Corrado Pelaia, Giulia Scioscia*

**10.40 am The triple inhalation therapy in severe asthma**  
*A. Papi*

**11.10 am Discussion**

#### Lecture

Chairmen: *G. Pelaia, G. Spadaro*

**11.30 am The sputum inflammometry in severe Asthma**  
*P. Nair*

### THIRD SESSION: EFFECTS OF BIOLOGICAL THERAPIES ON SEVERE ASTHMA AND COMORBIDITIES

Chairmen: *L. Macchia, N. Lombardo, L. Ricciardi*

**12.00 am Effectiveness of biological therapies in severe asthma with nasal polyposis**  
*C. Pelaia*

**12.30 am Biological therapies for EGPA**  
*G.E. Carpagnano, A. Portacci*

**13.00 am Biological therapies in severe asthma with bronchiectasis**  
*C. Crimi*

**13.30 am Discussion**

**13.40 am Conclusions**  
*Nunzio Crimi and Girolamo Pelaia*