

Digital  
International  
Symposium

# Treatable traits approach: a precision medicine strategy for severe asthma

Online from 30 May to 30 December  
**2020**

*Scientific Director:* Prof. Mario Cazzola

## RATIONALE

Severe asthma characterization in phenotypes and endotypes, by means of specific biomarkers, have led to the dichotomization of the concepts of 'personalized medicine' and 'precision medicine', which are often used as synonyms, but actually have slight meaning differences in meaning. Personalized-precision medicine would bring to better treatment strategies in dealing with severe asthmatic patients. In effect, the introduction of biologic therapies, which are specific therapies, has necessitated the introduction of some aspects of personalized medicine in the use of biomarkers to define clinical phenotypes that respond to such precisely targeted treatments, mainly focused on treatable traits. Treatable traits in asthma can be divided in pulmonary, extra-pulmonary and behavior/lifestyle risk factors. Patients with both asthma and COPD patients have clearly recognized treatable traits in all these subtopics but it is notorious the severe and frequent exacerbations, the associated cardiovascular disease and the low health related quality of life and productivity of these patients. Extra-pulmonary comorbidities also contribute substantially to poor asthma control and a heightened disease burden. Precision medicine advocates identification of treatable traits, linking them to therapeutic approaches targeting genetic, immunological, environmental, and/or lifestyle factors in individual patients.

## GOALS

The main "goal" of this personalized approach is to enable choosing a treatment that will be more likely to produce a beneficial response in the individual patient rather than a 'one size fits all' approach. Also, pharmacogenetics is extremely when considering a precision medicine approach because it establishes relationships between pharmacology and genetics by connecting phenotypes and genotypes in predicting the response of therapeutics in individual patients.

## SCIENTIFIC PROGRAMME

**45 min.** Asthma: personalized and precision medicine  
**G. W. Canonica**

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**45 min.** Treatable mechanisms in severe asthma  
**M. Cazzola**

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**45 min.** Asthma, COPD and ACO: what is the best approach to refine treatable traits in these conditions?  
**O. Usmani**

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**45 min.** Comorbid "treatable traits" in difficult asthma  
**P. Rogliani**

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**45 min.** Treatment algorithms based on treatable traits in severe asthma  
**S. Loukides**

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**45 min.** Fundamentals of pharmacology and therapeutics in personalized and precision medicine  
**M. G. Matera**

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CME questionnaire

## FACULTY

**Giorgio Walter Canonica**  
Humanitas University - **Milan, Italy**

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**Mario Cazzola**  
University of Rome 'Tor Vergata' - **Rome, Italy**

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**Stelios Loukides**  
University of Athens Medical School, Attiko Hospital - **Athens, Greece**

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**Maria Gabriella Matera**  
The Second University of Naples - **Naples, Italy**

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**Paola Rogliani**  
University of Rome 'Tor Vergata' - **Rome, Italy**

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**Omar Usmani**  
National Heart and Lung Institute (NHLI), Imperial College London & Royal Brompton Hospital, Airways Disease Section - **London, UK**

## INFORMATION

A cutting-edge educational e-platform, top-notch scientific contents with a Board dedicated to the digital training, Collage proposes the "Digital Education" method, as a tool for e-learning to obtain CME credits by participating in the courses in total freedom and independence of time, place and device.



**THE IDEAL TOOL FOR E-LEARNING  
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**PARTICIPATION IN THE COURSES IN TOTAL FREEDOM  
AND INDEPENDENCE OF TIME, PLACE AND DEVICE**



**SIMPLE AND INTUITIVE  
NAVIGATION PROCEDURES**



**TOP-NOTCH SCIENTIFIC CONTENTS WITH A BOARD  
DEDICATED TO THE DIGITAL TRAINING**

## HOW TO PARTICIPATE

### ■ CONNECT TO:

**ITALIAN PARTICIPANT  
(ECM)**

**CLICK  
HERE**

or link: [fadcollage.it/event/60/showCard](https://fadcollage.it/event/60/showCard)

**FOREIGN  
PARTICIPANT**

**CLICK  
HERE**

or link: [international.collage-spa.it/treatable-traits-approach-a-precision-medicine-strategy-for-severe-asthma/](https://international.collage-spa.it/treatable-traits-approach-a-precision-medicine-strategy-for-severe-asthma/)  
(registration will open on **May 30, 2020**)

■ **ACCESS THE E-LEARNING PLATFORM** Follow the instructions, step-by-step, suggested by the system and from the emails you will receive. The event is set up by several steps to be completed in sequence in order to obtain ECM credits recognized by Age.na.s.

■ **CREATE YOUR ACCOUNT AND LOG IN** you are required to create your account only the first time and it is essential to be able to request to participate in the course. Once finished this operation you can login by entering your e-mail address and your password from any internet point.

■ **REGISTRATION** By following the online procedure you will be able to register for the course.

■ **LEARNING** You will have access to the training course and the e-library at any time. You are simply required to log in with the username (e-mail address) and password chosen during the creation of your account.

■ **EVALUATION AND PERCEIVED QUALITY** Upon completion of the e-learning course you will be required to fill-in the "CME evaluation questionnaire" and allowed to do as many attempts as you wish. Please note that credits will be granted to those who will answer 75% correctly. To conclude the procedure you will be asked to fill-in the "perceived quality" questionnaire.

■ **CERTIFICATES OF PARTICIPATION AND CME CERTIFICATES** In "My panel" area you will be able to view and download the participation certificates related to the e-learning courses you completed. The relevant certificate granting the CME credits will be downloadable after checking the requirements of participation of the "CME evaluation questionnaire" results and compilation of the form detecting the perceived quality. The data provided at the time of registration will be processed in full compliance with the new EU regulation on Privacy (GDPR - EU 2016/679).

## SCIENTIFIC INFORMATION

■ **C.M.E. CONTINUING MEDICAL EDUCATION** Collage S.p.A. (Provider n. 309) has included the Meeting in the Educational Plan 2020/2021 C.M.E. ref.: 309-295714.

The Course will be suited for **Physicians** (Allergy and Immunology, Respiratory Medicine, General Practitioners, Geriatrics, Emergency medicine, Family Medicine, Internal Medicine)

The course provides **4 C.M.E. credits** (only for Italian Participants).

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

- Belong to the accredited Medical Profession and Specialties related to this Meeting
- Complete the CME evaluation questionnaire which is guaranteed by the detection of the operations recorded by the system
- The CME evaluation questionnaire must be carried out after the end of the course
- The questionnaire can be repeated several times and will be considered successful at the correct completion of 75% of the proposed questions
- The provider will carry out specific verification of the (HCP) Healthcare Professional's identity

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**COLLAGE** S.p.A.

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