

Digital
International
Symposium

The Challenges of Precision Medicine in COPD



Online from 30 May to 30 December
2020

Scientific Director: Prof. Mario Cazzola

RATIONALE

The umbrella term COPD covers many endotypes having different underlying mechanisms and, likely, encompasses different diseases, each characterized by clinical and pathological heterogeneity, but also by features that overlap. Thus, there is a pressing need for COPD care to move from the current "one-size-fits-all" approach to a precision medicine approach that takes into account individual patient variability in genes, environment and lifestyle. It is common opinion that through both a better understanding of phenotypic groups and their characterization, it may be possible to develop simple allocation criteria to enable clinicians to assign individual patients to specific groups. However, clinical phenotypes are not necessarily descriptive of underlying pathophysiology and consequently are not automatically predictive of response to potential (ideally curative) therapies. Precision medicine is enabled by newer tools, such as CT scanning, identifying cellular and molecular markers and microbiome analysis and others (biomarkers), which allow more pinpointed treatment than the use of just symptomatic assessments, such as lung function measurements and airway hyper-responsiveness. These tools can: 1) accurately identify subgroups of patients who are most likely to benefit from therapeutics and those who will only experience harm (predictive biomarkers); 2) predict therapeutic responses to drugs at an individual level (response biomarkers); and 3) segregate patients who are at risk of poor outcomes from those who have relatively stable disease (prognostic biomarkers).

SCIENTIFIC PROGRAMME

45 min. Precision Medicine versus “Evidence-based” Care -
D. Sin

45 min. Defining Phenotypes in COPD
M. Miravittles

45 min. Biomarkers: An Essential Component
for Precision Medicine
D. Stolz

45 min. Precision Medicine Approach to COPD Treatment
M. Cazzola

45 min. Precision medicine in COPD exacerbations
F. Blasi

45 min. Novel Therapeutic Targets and Drug Development
for the Precision Treatment of COPD
N. Hanania

CME questionnaire

FACULTY

Francesco Blasi

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Vancouver, Canada

Daiana Stolz

University Hospital Basel - **Basel, Switzerland**

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
CME TRAINING, ACCESSIBLE FROM
ANY DEVICE (PC - SMARTPHONE - TABLET)**



**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/56/showCard

**FOREIGN
PARTICIPANT**

**CLICK
HERE**

or link: [international.collage-spa.it/
the-challenges-of-precision-medicine-in-copd/](http://international.collage-spa.it/the-challenges-of-precision-medicine-in-copd/)

(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.n.a.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.: 309-295718.

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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Organizing Secretariat and C.M.E. Provider

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