

SCHOOL TITLE

CompMed
Computational Medicine for COPD

COURSE DATES

August 22 - 31, 2018

ONLINE COURSE INFORMATION & REGISTRATION

www.compmedschool.eu

PROGRAMME DIRECTOR

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LOCATION - SITE COORDINATION

European Scientific Institute
Greater Geneva (Archamps, France)

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OUTCOMES

Participants at CompMed all return to their home institutions with a significantly changed outlook on the opportunities of innovation in COPD. Some are even inspired to become entrepreneurs in cutting-edge health technologies. Which will you be ?

TRANSFORMING THE VISION OF CHRONIC DISEASE MANAGEMENT

By joining the CompMed (Computational Medicine for COPD) summer school, participants are exposed to some of the latest biomedical advances in the field of Chronic Obstructive Pulmonary Disease (COPD), and discover how engineering and computing solutions can be used to promote innovations in healthcare systems. CompMed offers a transformational experience, founded on a methodology of complex problem solving, which helps open the doors of 4P medicine applied to COPD.

UNDERSTANDING THE COMPLEXITY OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE

CompMed spotlights a systemic approach for the study of the underlying mechanisms of COPD phenotypes associated with poor disease prognosis. Based on disease mechanisms, rather than on the current syndrome approach, CompMed proposes a multiscale description of COPD phenotypes resulting from dysfunctional component networks.

AN INTENSIVE AND INTERACTIVE PROGRAMME

Participants at CompMed are offered the opportunity to engage in a series of interactive presentations and hands-on activities developed by leading COPD experts from European and North American Universities, representatives of regulatory bodies, high-tech entrepreneurs and young start-uppers.

CompMed also includes a Creative Thinking design-project, in which participants work in international multidisciplinary teams co-advised by faculty members to produce innovative ideas on COPD healthcare solutions.

On the final day they have a unique opportunity to pitch their innovation ideas in front of an international panel of experts.

The working language of the school is English.

