

SYSTEMS MEDICINE

MASTER ON CLINICAL RESEARCH 2017-2018

Closing session – Friday, 12 January 2018, 9:00 am-1:00 pm

Paraninf - School of Medicine, University of Barcelona
(C/Casanova 143, Barcelona)

Open session – no registration required

Systems Medicine for Personalized Cancer Therapies

The aims of the session are:

- (1) *The first lecture will address how Biological drugs-biosimilars provide novel therapeutic options with potentially high added value, but they also generate new challenges.*
- (2) *The second lecture will introduce new technological approaches that pave the way for a deeper understanding of molecular mechanisms of disease.*
- (3) *The third lecture will address the role of the gut-brain axis in neurodevelopmental disorders.*
- (4) *The session will conclude with a lecture on current and future computational challenges of Personalized Medicine.*

09:00 – 10:00 am **Biological drugs-biosimilars**

Dolors Soy, Hospital Clinic

10:00 – 10:45 am **Personalized medicine for breast cancer**

Aleix Prat, Hospital Clinic

10:45 – 11:15 am **Break**

11:15 – 12:00 am **Systemic inflammation in schizophrenia: The role of the gut-brain axis in neurodevelopmental disorders.**

*Miquel Bioque. Unitat d'Esquizofrènia Clínica. Hospital Clínic.
CIBERSAM. Universitat de Barcelona*

12:00 – 01:00 pm **Computational Challenges of Personalised Medicine**

Alfonso Valencia, BSC