



CORSO PRECONGRESSUALE BASIC SCIENCE

“AI and Machine Learning approaches in IBD research: from bench to bedside”, 28 novembre 2024

Giovedì 28 novembre 2024

09.00-09:15 Opening Remarks
F. Facciotti, I. Monteleone

09.10-09.40 Lecture
How artificial intelligence is changing the nature and methods of research in IBD
D. Noviello

Part1 biomarkers IDENTIFICATION

09.40-10.00 **Host genome and transcriptome**
S. Vetrano

10.00-10.20 **Endoscopia/istologia**
M.V. Lenti

10.20-10.50 **Discussion**

10.50-11.10 Coffee break

Part 2 AI for APPLICATIONS

11.10-12.00 Tandem talk
The point of view of the bioinformatician and of the biologist for AI and machine learning applications in IBD

(spatial transcriptomics, organoids modelling and microbiome analyses)

P. Maragno, A. Baeri

12.00-12.20 Discussion

12.20-12.30 Take home messages
F. Facciotti, I. Monteleone

12.30-13.20 Verifica dell'apprendimento ECM