

seminar

11 May 2026
H. 16.00 - 17.00Human Technopole,
Milan (Italy)

AI APPLICATIONS OF LARGE BIOMEDICAL DATA

Keynote lecture by Prof. Carlo Bifulco

Artificial intelligence is opening new ways to study cancer, turning routine pathology images into a source of deeper biological and clinical insight. On 11 May 2026, from 4 pm to 5 pm, Human Technopole will host a keynote lecture by Prof. Carlo Bifulco on how pathology foundation models are advancing cancer research and precision oncology, from standard H&E slides to tumour response prediction.

The talk will cover applications such as virtual staining and multimodal AI models that combine pathology, radiology and clinical data. Together, these approaches can help map the tumour immune microenvironment, identify biomarker associations and support therapy response prediction and patient matching for clinical trials.

Carlo Bifulco is Chief Pathologist at Providence Healthcare System, Chief Medical Officer at Providence Genomics and Medical Director of Precision Oncology at Providence Cancer Institute in Portland, Oregon, USA. His work spans computational pathology, spatial biology and precision medicine.



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