

2026 ELLIS Summer School on Machine Learning for Healthcare and Biology

Schedule

Tuesday July 7

Time	Speaker	Topic
Registration from 8.30am		
09:15 to 10:30	Ben Glocker	Imaginable Imaging: The Role of Causality in Medical Imaging AI
10:30 to 11:00	Break	
11:00 to 12:15	Ewa Szczurek	Controllable generative AI for antimicrobial peptide design
12:15 to 13:45	Lunch break	
13:45 to 15:00	Huiqi Yvonne Lu	TBC
15:00 to 15:30	Break	
15:30 to 16:45	Mobarak I. Hoque	TBC
Evening	Summer School dinner at The Wharf, Castlefield	

Wednesday July 8

Time	Speaker	Topic
9:00 to 10:15	Raphaelle Luisier	RNA in Wonderland: Charting new frontiers using AI for biological data
10:15 to 10:45	Break	
10:45 to 12:45	Sokratia Georgaka	Transformers and LLMs for biological data
12:45 to 14:00	Lunch break	
14:00 to 15:15	Chris Tomlinson	Foundation models of electronic health records
15:15 to 15:45	Break	
15:45 to 17:00	Goran Nenadic	Real-world validation of healthcare LLMs
17:00 to 19:00	Poster session	

Thursday July 9

Time	Speaker	Topic
9:15 to 10:30	Bartek Papiez	Language and Vision in Healthcare: From Predictions to Explanations
10:30 to 11:00	Break	
11:00 to 12:15	Caroline Weis	EHR foundation model for clinical discovery
12:15 to 13:45	Lunch break	
13:45 to 15:00	Chris Barnes	Using DNA language models to design and construct plasmids for engineering biology
15:00 to 15:30	Break	
15:30 to 16:45	Caroline Roney	TBC