

ONCODE INSTITUTE TECHNOLOGY SYMPOSIUM	
09.00 - 09.30	Walk in, registration & coffee/tea
09.30 - 09.40	Welcome by Marvin Tanenbaum
09.40 - 11.10	Session I:
09.40 - 10.10	<i>AI for molecular diagnostics</i> Keynote speaker 1 - Jeroen de Ridder; Jeroen de Ridder Group, UMC Utrecht
10.10 - 10.30	<i>In vitro dissection of enhancer-promoter compatibilities</i> Pia Mach, Bas van Steensel Group, NKI
10.30 - 10.50	<i>Better late than never: embracing appropriate models for proteomics data from complex experimental designs</i> Koos Rooijers, Monika Wolkers Group
10.50 - 11.10	<i>Measuring changes in translation efficiency with single-cell ribosome profiling</i> Michael van Insberghe; Alexander van Oudenaarden Group, Hubrecht Institute
11.10 - 11.40	Coffee break (30min)
	Session II:
11.40 - 12.00	<i>Phosphoproteomics to investigate resistance mechanisms and differences in drug sensitivity between chemonaïve and pretreated metastatic colorectal cancer patients</i> Marin Bont, Jeanine Roodhart group, UMC Utrecht
12.00 - 12.20	<i>FLAGx – a multiplex imaging approach to spatially resolve transcription of extrachromosomal DNA in single cancer cells</i> Lukas Frank; René Medema Group, Prinses Maxima Centrum
12.20 - 12.40	<i>primeTF, a versatile technology for sensitive, multiplexed measurement of TF activity in cultured cells</i> Max Trauernicht, Bas van Steensel Group, NKI
12.40 - 13.40	Lunch & networking (1 hour)
13.40 - 15.20	Session III:
13.40 - 14.00	<i>Distinguishing combinatorial protein post-translational modifications with single-molecule nanopore measurement</i> Xiuqi Chen, Cees Dekker group at TU Delft
14.00 - 14.20	<i>Dissecting Transcription Dynamics with Single-Molecule Imaging</i> Charis Fountas; Tineke Lenstra Group, NKI
14.20 - 14.40	<i>Development of an in situ functional sequencing method with single-cell spatial resolution</i> Lars van Roemburg, Miao-Ping Chien Group, Erasmus MC
14.40 - 15.00	<i>Decoding the sequence requirements for translation initiation</i> Bram Verhagen; Marvin Tanenbaum Group, Hubrecht Institute
15.00 - 15.20	<i>Employing scRibo-seq to probe ribosomal states</i> Kseniia Sarieva; Alexander van Oudenaarden Group, Hubrecht Institute
15.20 - 15.45	Afternoon break (25min)
	Session IV:
15.45 - 16.05	<i>Interaction of transcription and chromatin</i> Wim Pomp; Tineke Lenstra group, NKI
16.05 - 16.25	<i>Proteomics across the Central Dogma: A glance into the Mass Spectrometry Toolbox.</i> Dick Zijlmans, Michiel Vermeulen Group, Radboud University Nijmegen
16.25 - 16.55	<i>High-throughput multiplexed genome-wide profiling of many chromatin states in single cells</i> Keynote speaker 2 - Jop Kind; Jop Kind Group, Hubrecht Institute
16.55 - 17.00	Summary and closing by Marvin Tanenbaum
17.00 - 18.00	Networking drinks