

MGC PhD course Genome Maintenance & Cancer

Draft program



25-26 April, 2023, LUMC, Building 3, room V4-36/40

Tuesday 25 April	
Time table t.b.c.	Chair: t.b.d.
09.30-10.00	Harry Vrieling (Human Genetics, LUMC) Introduction: Origin of mutations in cancer development
10.00-10.45	Niels de Wind (Human Genetics, LUMC) Mismatch repair, translesion synthesis and cancer susceptibility
10.45-11.00	Coffee/tea break
11.00-11.45	Arjan Theil (Molecular Genetics, Erasmus MC) Nucleotide excision repair mechanism and disease
	Lunch break
	Chair: t.b.d.
13.00-14.15	Puck Knipscheer (Genome Maintenance, Hubrecht Institute) Inter-strand cross-link repair
14.15- 15.00	Haico van Attikum (Human Genetics, LUMC) DNA double-strand break repair and its relevance for cancer
15.00-15.15	Coffee/tea break
15.15-16.00	Jacqueline Jacobs (Div. of Oncogenomics, NKI) Telomere instability in relation to DSB repair and cancer
Wednesday 26 April	
	Chair: t.b.d.
9.15-10.00	Conchita Vens (Div. of Biological Stress Response, NKI) Base excision repair and cancer susceptibility Online lecture
10.00-10.45	Marcel Tijsterman (Human Genetics, LUMC) Dealing with derailed replication
10.45-11.30	Arnab Ray Chaudhuri (Molecular Genetics, Erasmus MC) Replication stress in tumorigenesis
11.30-11.45	Coffee/tea break
11.45-12.30	Marcel van Vugt (Moleculaire Oncologie, Cancer Research Center Groningen) Cell cycle check points and their relevance for cancer treatment
	Lunch break
	Chair: t.b.d.
13.30-14.15	t.b.d. Mutations in DNA damage response genes and (inherited) cancer susceptibility
14.15- 15.00	Ruben van Boxtel (Princess Máxima Center for Pediatric Oncology) Dissecting mutation patterns in human stem cells to study processes that cause cancer
15.00-15.15	Coffee/tea break
15.15-16.00	Roderick Beijersbergen (Div. of Molecular Oncology, NKI) Functional Genomics and Cancer Therapy: Putting one and one together

15.55-16.00	Closure day 2
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