

MGC PhD course Genome Maintenance & Cancer
Draft program



Online - March 2021 (proposed date: 8 – 9 March, 2021)

Monday 8 March	
	Chair: Harry Vrieling – Niels de Wind
09.30-9.45	Harry Vrieling (Human Genetics, LUMC) Introduction: Origin of mutations in cancer development
9.50-10.25	Niels de Wind (Human Genetics, LUMC) Mismatch repair, translesion synthesis and cancer susceptibility
10.30-11.05	Conchita Vens (Div. of Biological Stress Response, NKI) Base excision repair and cancer susceptibility
11.10-11.45	Hannes Lans (Molecular Genetics, Erasmus MC) Nucleotide excision repair mechanism and disease
	Lunch break
	Chair: Marcel Tijsterman - Haico van Attikum
14.00-14.35	Puck Knipscheer (Genome Maintenance, Hubrecht Institute) Inter-strand cross-link repair
14.40- 15.15	Haico van Attikum (Human Genetics, LUMC) DNA double-strand break repair and its relevance for cancer
15.20-15.55	Jacqueline Jacobs (Div. of Oncogenomics, NKI) Telomere instability in relation to DSB repair and cancer
15.55-16.00	Closure day 1
Tuesday 9 March	
	Chair: Harry Vrieling - Maaïke Vreeswijk
10.00-10.35	Marcel Tijsterman (Human Genetics, LUMC) Dealing with derailed replication
10.40-11.15	Arnab Ray Chaudhuri (Molecular Genetics, Erasmus MC) Replication stress in tumorigenesis
11.20-11.55	Marcel van Vugt (Moleculaire Oncologie, Cancer Research Center Groningen) Cell cycle check points and their relevance for cancer treatment
	Lunch break
	Chair: Harry Vrieling - Maaïke Vreeswijk
14.00-14.35	Maaïke Vreeswijk (Human Genetics, LUMC) Mutations in DNA damage response genes and (inherited) cancer susceptibility
14.40- 15.15	Ruben van Bortel (Princess Máxima Center for Pediatric Oncology) Dissecting mutation patterns in human stem cells to study processes that cause cancer
15.20-15.55	Roderick Beijersbergen (Div. of Molecular Oncology, NKI) Functional Genomics and Cancer Therapy: Putting one and one together
15.55-16.00	Closure day 2