



MGC PhD Course

Genome Maintenance & Cancer

March 19 - 20, 2018
LUMC, Leiden
V3-26/30 and Lecture room 2



Programme

19 March V3-26/30	
	Chair: Harry Vrieling and/or Niels de Wind
09.00-10.00	Harry Vrieling (Human Genetics, LUMC) Introduction: mutations in cancer development
10.00-11.00	Niels de Wind (Human Genetics, LUMC) Mismatch repair, translesion synthesis and cancer susceptibility
11.00-11.15	Coffee/tea
11.15-12.15	Conchita Vens (Div. of Biological Stress Response, NKI) Base excision repair and cancer susceptibility
12.15-13.00	Lunch
	Chair: Haico van Attikum
13.00-14.00	Wim Vermeulen (Genetics, ErasmusMC) Nucleotide excision repair and cancer susceptibility
14.00-15.00	Haico van Attikum (Human Genetics, LUMC) DNA damage signalling and repair of double strand breaks in DNA: maintaining genome stability
15.00-15.15	Coffee/tea
15.15-16.15	A.G. Jochemsen (MCB, LUMC) Regulation and functions of p53: an example (tbc)
20 March lecture room 2	
	Chair: Maaïke Vreeswijk
09.00-10.00	Maaïke Vreeswijk (Centre for Human and Clinical Genetics, LUMC) Mutations in DNA damage response genes and (inherited) cancer susceptibility
10.00-11.00	Ruben van Boxtel (Princess Máxima Center for Pediatric Oncology, Hubrecht Institute, Utrecht) Dissecting mutation patterns in human stem cells to study processes that cause cancer
11.00-11.15	Coffee/tea
11.15-12.15	Jacqueline Jacobs (Division of Oncogenomics, NKI) Telomere instability in relation to DSB repair and cancer
12.15-13.00	Lunch
	Chair: Jan Boei and/or Marcel Tijsterman
13.00-14.00	Marcel Tijsterman (Human Genetics, LUMC) Dealing with derailed replication
14.00-15.00	Jan Boei (Human Genetics, LUMC) Chromothripsis
15.00-15.15	Coffee/tea
15.15-16.15	Roderick Beijersbergen (Div. of Molecular Oncology, NKI) Functional Genomics and Cancer Therapy: Putting one and one together