



MGC PhD Course

## Genome Maintenance & Cancer

April 2 -3, 2012  
LUMC, Leiden



### Programme

<b>Monday 2 April</b>	
	<b>Chair: Harry Vrieling/Albert Pastink</b>
09.00-10.00	<b>Harry Vrieling</b> (Toxicogenetics, LUMC): Introduction: mutations in cancer development
10.00-11.00	<b>Koos Jaspers</b> (Genetics, ErasmusMC): DNA excision repair and cancer susceptibility
11.00-11.15	Coffee/tea
11.15-12.15	<b>Albert Pastink</b> (Toxicogenetics, LUMC): Repair of double strand breaks in DNA and cancer susceptibility
12.15-13.00	Lunch
	<b>Chair: Niels de Wind/Haico van Attikum</b>
13.00-14.00	<b>Niels de Wind</b> (Toxicogenetics, LUMC): Mismatch repair, translesion synthesis and cancer susceptibility
14.00-15.00	<b>Haico van Attikum</b> (Toxicogenetics, LUMC): DNA damage signalling (and chromatin remodelling)
15.00-15.15	Coffee/tea
15.15-16.15	<b>A.G. Jochemsen</b> (to be confirmed) (MCB, LUMC): Regulation and functions of p53: an example
<b>Tuesday 3 April</b>	
	<b>Chair: Firouz Darroudi</b>
09.00-10.00	<b>Firouz Darroudi</b> (Toxicogenetics, LUMC): Assessment of accidental and occupational exposure to ionizing radiation: Biological Dosimetry
10.00-11.00	<b>Mirjam Luijten</b> (RIVM, Bilthoven): Carcinogen exposure and gene mutations in somatic cells
11.00-11.15	Coffee/tea
11.15-12.15	<b>Frank de Gruyl</b> (Dermatology, LUMC): UV and skin Cancer
12.15-13.00	Lunch
	<b>Chair: Marcel Tijsterman/Maaïke Vreeswijk</b>
13.00-14.00	<b>Maaïke Vreeswijk</b> (Centre for Human and Clinical Genetics, LUMC): Mutations in DNA damage response genes and (inherited) cancer susceptibility
14.00-15.00	<b>Marcel Tijsterman</b> (Toxicogenetics, LUMC): Functional genomics screens in <i>C. elegans</i> to identify factors that contribute to genome stability
15.00-15.15	Coffee/tea
15.15-16.15	<b>Roderick Beijersbergen</b> (Molecular Carcinogenesis, NKI): Hitting cancer where it hurts most: The RNAi strategy in target discovery