

Nature & Nurture: Twin Research and Human Genetics: Week 1 – Classical Twin Studies

Day	Time	Topic	Lecturers	Location
Monday 07-08	10.00-11.30	Introduction to Twin Research	Professor Dorret Boomsma	HG-09A24
	11.30-12.30	Lunch Break		
	12.30-14.00	Introduction to Human Genetics	Dr Hamdi Mbarek	HG-09A24
	14.30-15.00	Break		
Introduction to Twin Research & Human Genetics	14.30-16.00	<i>Practical:</i> Introduction to TR&HG	Professor Dorret Boomsma & Dr Hamdi Mbarek	Computer Room
	10.00-11.00	Twin Methods & Statistics – Lecture 1/2	Professor Conor Dolan	HG-09A24
Tuesday 08-08	11.00-11.15	Break		
	11.30-12.30	Statistics in R – Lecture 1/2	Dr Michel Nivard	HG-09A24
	12.30-13.30	Lunch Break		
	13.30-16.00	<i>Practical:</i> Twin Methods & Statistics in R	Professor Conor Dolan & Dr Michel Nivard	Computer Room
Twin Methods & Statistics in R – Part I	09.00-09.40	Cognition	Professor Conor Dolan	HG-09A24
	09.40-09.50	Break		
	09.50-10.30	Brain Imaging	Dr Dennis van 't Ent	HG-09A24
	10.30-10.40	Break		
	10.40-11.20	Addiction	Dr Karin Verweij	HG-09A24
	11.20-12.00	Stress and physiological activity	Dr Gonneke Willemsen	HG-09A24
	12.00-13.00	Lunch Break		
13.00-?	VU Summer School Excursion			
Wednesday 09-08	10.00-11.00	Twin Methods & Statistics – Lecture 2/2	Professor Conor Dolan	HG-09A24
	11.00-11.15	Break		
	11.15-12.15	Statistics in R – Lecture 2/2	Dr Michel Nivard	HG-09A24
	12.15-13.30	Lunch Break		
Heritable Phenotypes	13.30-16.00	<i>Practical:</i> Twin Methods & Statistics in R	Professor Conor Dolan & Dr Michel Nivard	Computer Room
	10.00-11.00	Working in academia,	Dr Elsje van Bergen	HG-09A24
Working in Academia	11.30-16.30	Lunch + Twin Excursion	NTR	TBA

Nature & Nurture: Twin Research and Human Genetics: Week 2 – Molecular Genetics

Day	Time	Topic	Lecturers	Location
Monday 14-08	10.00-11.30	Introduction to the Genomics Era	Dr Abdel Abdellaoui	HG-09A24
	11.30-12.30	Lunch Break		
	12.30-14.00	GWAS – Lecture 1/3	Dr Abdel Abdellaoui	HG-09A24
	14.30-15.00	Break		
	14.30-16.00	<i>Practical: GWAS</i>	Dr Abdel Abdellaoui & Dr Jouke-Jan Hottenga	Computer Room
Tuesday 15-08	10.00-11.30	GWAS – Lecture 2/3	Dr Jouke-Jan Hottenga	HG-09A24
	11.00-11.15	Break		
	11.30-12.30	GWAS – Lecture 3/3	Dr Abdel Abdellaoui	HG-09A24
	12.30-13.30	Lunch Break		
	13.30-16.00	<i>Practical: GWAS</i>	Dr Abdel Abdellaoui & Dr Jouke-Jan Hottenga	Computer Room
Wednesday 16-08	10.00-10.45	Mendelian Randomization	Dr Camelia Minica	HG-09A24
	10.45-11.00	Break		
	11.00-12.15	<i>Practical: Mendelian Randomization</i>	Dr Camelia Minica	Computer Room
	12.15-13.00	Lunch Break		
	13.00-	VU Summer School Excursion		
Thursday 17-08	10.00-10.45	Next Generation Sequencing	Dr Abdel Abdellaoui	HG-09A24
	10.45-11.00	Break		
	11.00-11.45	Gene Expression	Dr Rick Janssen	HG-09A24
	11.45-12.30	Lunch Break		
	12.30-14.30	Epigenetics (<i>Lecture + Practical</i>)	Dr Jenny van Dongen	Computer Room
	14.30-14.45	Break		
Friday 18-08	14.45-17.15	Movie (GATTACA) + discussion	Dr Abdel Abdellaoui	HG-09A24
	10.00-11.30	Applications in Next Generation Sequencing	Dr Hilary Martin	HG-09A24
	11.30-11.45	Break		
	11.45-12.45	Applications in Behavior & Health	Professor Eco de Geus	HG-09A24
	12.45-15.00	Lunch + Meet & Greet NTR Researchers	NTR	NTR
	15.00-?	Goodbye Drinks		The Basket