

Human Disease Genetics course

May 29 – June 2, 2017

Organizers: Gijs van Haften and Sarah Pulit

Venue: Stratenum Str. 2.016

Level: Master

Here is a list of concepts we expect the students to know and understand:

Allele
CNV (copy number variant)
Codon
consanguineous
Crossing-over
Exon / intron
Genetic marker
Genotype
GWAS (genome wide association study)
Hardy-Weinberg equilibrium
Meiosis
Missense mutation, nonsense mutation
Mitosis
Penetrance
Phenotype
Recessive/dominant
SNP (single nucleotide polymorphism)
Splicing

(See for example <http://www.cancer.gov/geneticsdictionary>, but better still your own genetics textbooks.)