

Program CDD course 2018

Week 1

Day	Time	Speaker	speaker affiliation	Title
Mo 11-6	10.45-12.30	Prof. Dr. Gert Vriend	Radboudumc	Introduction lecture HG02.032
	lunch			
	13.45-15.30	Prof. Dr. Gert Vriend	Radboudumc	Nuclear receptors HG01.058
	15.45-16.15	Dr. Gijs Schaftenaar	Radboudumc	Introduction practical
	15.15-17.00	Dr. Gijs Schaftenaar	Radboudumc	Nuclear receptor functioning
Tu 12-6	8.45-10.30	Dr. Gijs Schaftenaar	Radboudumc	Ligand docking HG01.057
	10.45-12.30	Dr. Jan Kelder	former Organon	Applications of computational drug design in practice HG01.057
	lunch			
	13.45-15.00	Dr. Gijs Schaftenaar	Radboudumc	QSAR HG02.032
	15.15-17.00	Dr. Gijs Schaftenaar	Radboudumc	In silico lead finding techniques: 2D/3D searches
We 13-6	8.45-10.30	Dr. Gijs Schaftenaar	Radboudumc	In silico lead finding techniques QSAR
	10.45-12.30	Dr. Robbie Joosten	NKI	Using macromolecular crystal structures for drug design HG01.029
	lunch			
	13.45-15.00	Dr. Robbie Joosten	NKI	Using macromolecular crystal structures for drug design
	15.15-17.00	Dr. Gijs Schaftenaar	Radboudumc	In silico lead finding techniques: Virtual screening by docking
Th 14-6	8.45-10.30	Dr. Ross McGuire	BioAxis Research	Introduction to chemical databases and searching, PubChem HG00.633
	10.45-12.30	Dr. Ross McGuire	BioAxis Research	KNIME
	lunch			
	13.45-15.00	Dr. Gijs Schaftenaar	Radboudumc	Practical validation of X-ray protein structures
	15.15-17.00	Dr. Gijs Schaftenaar	Radboudumc	In silico lead optimization techniques: SBDD

Fr 15-6	8.45-10.30	Prof. Dr. Gert Vriend	Radboudumc	Target Protein Structure Analysis: Homology Modeling, Sequence Retrieval and Sequence Alignment Techniques HG01.058
	10.45-12.30	Prof. Dr. Gert Vriend	Radboudumc	Target Protein Structure Analysis: Homology Modeling, Sequence Retrieval and Sequence Alignment Techniques HG01.058
	lunch			
	13.45-17.00	Prof. Dr. Gert Vriend	Radboudumc	Target Protein Structure Analysis: Homology Modeling, Sequence Retrieval and Sequence Alignment Techniques
Week2				
Day	Time	Speaker	speaker affiliation	Title
Mo 18-6	8.45-10.30	Dr. Wynand Alkema	Nizo	In silico target discovery HG02.032
	10.45-12.30	Dr. Carla Araya Cloutier	Wageningen University	Applying QSAR to antimicrobials HG02.032
	lunch			
	13.45-15.00	Dr. Gijs Schaftenaar	Radboudumc	group work / article work
	15.15-17.00			
Tu 19-6	8.45-17.00	Dr. Gijs Schaftenaar	Radboudumc	group work / article work
We 20-6	8.45-17.00	Dr. Gijs Schaftenaar	Radboudumc	group work / article work
Th 21-6	8.45-17.00	Dr. Gijs Schaftenaar	Radboudumc	group work / article work
Fr 22-6	8.45-17.00	all		group presentation

	Lecture
	Practical
	Group