

Schedule of 1st AEGIS School

Biophysical and biochemical assays in drug discovery Uppsala 2016

	Monday 3/10	Tuesday 4/10	Wednesday 5/10	Thursday 6/10	Friday 7/10
8.30-9.00	Registration & Introduction	Practical Training Project	Practical Training Project	Practical Training Project	Practical Training Project
9.15-10.00	Practical Training Project kick-off	Lecture Case study "Fragment based drug discovery" (Glyn Williams, AST)	Lecture Case study "Fragment-based discovery of ABL001, an allosteric inhibitor of BCR-Abl kinase" (Wolfgang Jahnke, NOVA)	Lecture Case study "14-3-3 Fragment based drug discovery" (Christian Ottmann, TUE)	Lecture Case study "Beyond biophysics: Life of a compound after binding" (Shin Numao, NOVA)
10.00-10.15	Coffee	Coffee	Coffee	Coffee	Coffee
10.15-11.00	Lecture Basics of biophysical interaction analysis: Theoretical principles (Helena Danielson, UU)	Lecture Sample preparation (Arie Geerlof, HMGU)	Thesis project presentations (5+5 min/student)	Practical Training: Project	Complementary Skills Project management for PhD students (Eva Schlosser, HMGU)
11.15-12.00	Lecture Practical aspects of interaction analysis (Karl Andersson, RV)	Lecture: Data analysis (Karl Andersson, RV)		(Admin meeting)	Complementary Skills Good Scientific Practice and Scientific Ethics (Michael Gommel, SI)
12.00-13.00	L	U	N	C	
13.15-14.00	Lecture Key biophysical technologies for drug discovery (Helena Danielson, UU)	Lecture: Application of interaction kinetic analysis for drug discovery (Markku Hämmäläinen, RV)	Thesis project presentations (5+5 min/student)	Lecture Enzymology in drug discovery (Helena Danielson, UU)	Practical Training Presentation of projects
14.15-15.00					
15.00-15.15	Coffee		Coffee	Coffee	Coffee
15.15-16.00	Lecture Application of interaction kinetic analysis for basic research, target validation and characterization (Helena Danielson, UU)	Practical Training Project	Thesis committee meetings Student+2 supervisors (30 mins)	Practical Training: Project	Practical Training Presentation of projects
16.15-17.00				(Admin meeting)	
17.00-19.00	Practical Training Project	Nobel Museum, Stockholm		Practical Training Project	
19:00-late	Dinner at local restaurant in Uppsala	Free evening in Stockholm	Dinner at student nation in Uppsala	Free evening in Uppsala	Free evening in Uppsala
Lecture rooms	Claesson salen, Akademihotellet	?	?	Claesson salen, Akademihotellet	Prefekten, Akademihotellet

UU: Prof. Helena Danielson, Dept. of Chemistry - BMC, Uppsala University, Sweden

RV: Dr. Karl Andersson, Ridgeview Instruments AB, Uppsala, Sweden

HMGU: Arie Geerlof, Helmholtz Zentrum München, Deutsches Forschungszentrum für Gesundheit und Umwelt, München, Germany

AST: Dr. Glyn Williams, ASTEX, United Kingdom

TUE: Prof. Christian Ottmann, Dept. of Biomedical Engineering, Eindhoven University of Technology, Netherlands

Shin Numao, Investigator III, Novartis Pharma AG, Basel, Switzerland

SI: Dr. Michael Gommel, Scientific Integrity, Germany