

agenda

DAY 1

09:30 ~	Introduction to chromatography	<i>lecture</i>
10:30 ~	Gel filtration chromatography	lecture
12:00 ~	Lunch	
13:00 ~	Column packing	lecture
13:40 ~	System operation	practice
14:30 ~	Desalting column packing & evaluation	practice
	Fine fractionation column packing	practice
20:00	end of day 1	

DAY 2

09:30 ~	Ion exchange chromatography	lecture
10:40 ~	IEX, media scouting	practice
12:00 ~	Lunch	
13:00 ~	IEX, pH scouting	practice
14:00 ~	IEX, step elution	practice
15:00 ~	IEX, dynamic binding capacity	practice
16:30 ~	Hydrophobic interaction chromatography	<i>lecture</i>
17:30	Course dinner ... end of day 2	

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DAY 3

09:30 ~	HIC, ligand scouting	practice
	HIC, effect of initial salt concentration	practice
12:00 ~	Lunch	
13:00 ~	Affinity chromatography	lecture
14:00 ~	Immobilized metal ion chromatography	lecture
14:50 ~	IMAC, purification of tagged protein	practice
16:20 ~	Mixed mode chromatography	<i>lecture</i>
17:00 ~	Other chromatography tools	<i>lecture</i>
18:00 ~	Purification strategy	<i>lecture</i>
18:30	end of day 3	

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DAY 4

- 09:30 ~ Method optimization & scale-up *lecture*
- 10:40 ~ Presentation of experimental results
- 11:30 ~ Lunch
- 12:30 ~ Process media, system and column *lecture*
- 13:30 ~ Large scale column packing *lecture*
- 14:30 ~ Quiz
- 15:00 ~ Process hygiene *lecture*
- 15:30 ~ DoE, design of experiments *lecture*
- 16:00 end of course