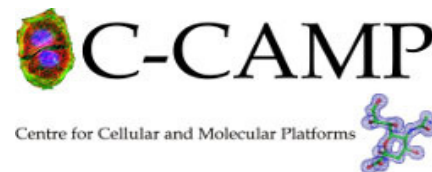




Program Agenda

Customized Course
Fast Trak Training



Title:	Introduction to downstream bioprocessing and Biacore Basics
Location:	C-Camp, Bangalore
Date:	March. 2018

Day1

Start	End	Time	Type	Topic Name
9:00	9:30	0:30		Introduction to the course / Program / Objectives
9:30	10:15	0:45	Lecture	Introduction to chromatography
10:15	11:00	0:45	Lecture	Sample preparation
11:00	11:15	0:15	Break	
11:15	12:15	1:00	Lecture	Purification Technique: Size Exclusion Chromatography
12:15	13:15	1:00	Practical	Exp-1: Size Exclusion Chromatography (desalting experiment)
13:15	14:15	1:00	Lunch	
14:15	15:00	0:45	Lecture	Introduction to ÄKTA and UNICORN
15:00	15:15	0:15	Break	
15:15	15:30	0:15		Results Discussion Exp-1
15:30	16:15	0:45	Lecture	Purification Technique: Ion Exchange Chromatography
16:15	17:00	0:45	Practical	Exp-2: Ion Exchange Chromatography (linear gradient)
17:00	17:15	0:15		Day Summary
17:15				Day End
Total		8:15		

Day2

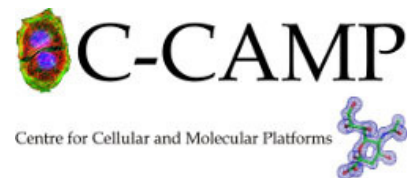
Start	End	Time	Type	Topic Name
9:00	9:30	0:30		Result Discussion Exp-2
9:30	10:15	0:45	Practical	Exp-3: Ion Exchange Chromatography (gradient optimization)
10:15	11:00	0:45	Lecture	Purification Technique: Hydrophobic interaction Chromatography
11:00	11:15	0:15	Break	
11:15	11:30	0:15		Result Discussion Exp-3
11:30	12:15	0:45	Practical	Exp-4: Hydrophobic interaction chromatography (linear gradient)
12:15	13:00	0:45	Lecture	Optimization Part-1
13:00	14:00	1:00	Lunch	
14:00	14:15	0:15		Result Discussion Exp-4
14:15	15:00	0:45	Practical	Exp-5: Hydrophobic interaction chromatography (gradient optimization)
15:00	15:15	0:15	Break	
15:15	16:00	0:45	Lecture	Optimization Part-2
16:00	16:45	0:45	Lecture	Purification Technique: Affinity Chromatography
16:45	17:00	0:15	Lecture	Day Summary
17:00				Day End
Total		8:00		





Program Agenda

Customized Course
Fast Trak Training



Day3

Start	End	Time	Type	Topic Name
9:00	9:30	0:30		Result Discussion Exp-5
9:30	10:15	0:45	Lecture	Purification Strategy
10:15	11:00	0:45	Lecture	Column Packing
11:00	11:15	0:15	Break	
11:15	13:00	1:45	Practical	Column Packing and testing
13:00	14:00	1:00	Lunch	
14:00	15:00	1:00	Lecture	Scale-up and fine tuning
15:00	15:15	0:15	Break	
15:15	16:00	0:45	Lecture	Column and resin maintenance
16:00	16:45	0:45	Lecture	Introduction to regulatory
16:45	17:00	0:15	Lecture	Day Summary
17:00				Day End
Total		8:00		

Day 4

Start	End	Time	Type	Topic Name
9:00	9:30	0:30	Lecture	Introduction to Biacore
9:30	10:30	1:00	Lecture	Basic assay development
10:30	11:00	0:30	Practical	Introduction to Biacore T200 & Immobilization of CM5 chip
11:00	11:15	0:15	Break	
11:15	12:15	1:00	Practical	Introduction to Biacore T200 & Immobilization of CM5 chip (Continues..)
12:15	13:15	1:00	Lunch	
13:15	14:45	1:30	Practical	Set up Kinetic assay
14:45	15:30	0:45	Lecture	Basic Kinetics
14:45	15:00	0:15	Break	
15:00	16:15	1:15	Practical	Review kinetics data, Kinetic analysis
16:15	16:45	0:30	Lecture	Maintenance
16:45	17:00	0:15		Summary
17:00				Day End
Total		8:45		

