

## Rooster Optional Master "Biomedical Proteomics" ; M\_CPROTBI09

<b>Theme 1 Proteomics, Mass Spectrometry and Biomedical</b>				<b>Coordinator: CR Jimenez</b>			
<b>Week/day/date</b>		<b>duration</b>	<b>Staff</b>	<b>Form</b>	<b>Subject</b>	<b>Room</b>	
5	Mon	1-Feb	9.30-10.30	CRJ	L	Introduction to Proteomics	CCA 1-06
5	Mon	1-Feb	10.30-11.30	CRJ	L	Proteomics to obtain biological insight	CCA 1-06
5	Mon	1-Feb	11.30-17.00	n/a	<b>Zelfstudie</b>	Literature reading	n/a
5	Tue	2-Feb	9.30-10.30	CRJ	L	Proteomics in biomarker discovery	CCA 1-06
5	Tue	2-Feb	10.30-11.30	SP	L	Mass spectrometry in Proteomics	CCA 1-06
5	Tue	2-Feb	11.30-12.30	SP	<b>L/ Demo</b>	Protein identification by Database searching	CCA 1-06
5	Tue	2-Feb	12.30-17.00	n/a	<b>Zelfstudie</b>	Literature reading	n/a
5	Wedn	3-Feb	9.00-10.00	DK	L	Proteomics in cardiovascular research	MF A122?
5	Wedn	3-Feb	10.00-11.00	DK	L	Analysis of post-translational modifications	MF A-122?
5	Wedn	3-Feb	11.00-17.00	n/a	<b>Zelfstudie</b>	Literature reading	n/a
5	Thu	4-Feb	9.00-10.00	SP	L	Quantitative proteomics	MF-J178 MEDISCHE FACULTEIT
5	Thu	4-Feb	10.00-11.00	CRJ	L	Phosphoproteomics	MF-J178 MEDISCHE FACULTEIT
5	Thu	4-Feb	11.00-17.00	n/a	<b>Zelfstudie</b>	Literature reading, preparation presentation	n/a
5	Fri	5-Feb	9.30-10.00	TS, CRJ	<b>L/ intro</b>	Protocol gelelectrophoresis & protein staining	CCA 1-06
5	Fri	5-Feb	10.00-17.00	TS	<b>PR</b>	gel electrophoresis and protein staining	CCA lab

Theme 2 Proteomics in Practice <i>Global quantitative proteomics</i>					Coordinator: CR Jimenez		
Week/day/date			duration	Staff	Form	Subject	Room
6	Mon	8-Feb	9.30-17.00	TS, RB	PR	In-gel digestion of proteins	CCA lab
6	Tue	9-Feb	9.00-13.00	TS, RB	PR	Peptide extraction and sample preparation for mass spectrometry	CCA lab
6	Tue	9-Feb	13.00-14.00	SP	demo	LC-MS of peptide samples	CCA mass spec lab
6	Tue	9-Feb	14.00-15.00	SP	L	Data processing and data mining	CCA 1-34
6	Tue	9-Feb	15.00-17.00	n/a	Zelfstudie	Literature reading, preparation presentation	n/a
6	Wed	10-Feb	9.00-12.30	n/a	Zelfstudie	Literature preparation presentation	n/a
6	Wed	10-Feb	13.30-17.00	DK, FR	PR	Literature study: presentation	CCA 1-34
6	Thu	11-Feb	9.00-10.00	CRJ	L	Data mining using GO and pathway tools	CCA 1.06
6	Thu	11-Feb	11.00-15.00	FR, RB	PR	Data mining	11:00 - 13:00 CCA 3,38  13:00-15:00 CCA 1,34
6	Thu	11-Feb	14.30-15.00	CRJ	Q&A	vragenhalfuurtje	CCA 1-34
6	Thu	11-Feb	15.00-17.00	n/a	Zelfstudie	Literature reading, preparation exam	n/a
6	Fri	12-Feb	9.00-14.00	n/a	Zelfstudie	Preparation exam	n/a
6	Fri	12-Feb	14.30-17.00	CRJ	EXAM		CCA 3,38

L=lecture (hoorcollege); PR= practical lab work

staff:

CRJ= Connie Jimenez

DK= Diederik Kuster

SP= Sander Piersma

FR= Frank Rolfs

TS= Tim Schefforst

RB= Robin Beekhof

Proteomics= 3 credits cursus