

MaxQuant Summer School 2018 Program

Sunday (July 8)	16:30 – 19:00	2:30		Registration and poster setup	Alison Dalfovo	CRG Terrace
	17:00 – 17:20	0:20		Introduction and course opening	Juergen Cox	CRG PRBB Auditorium
	17:20 – 18:00	0:40	Lecture	L1: Novel scan modes for MS-based proteomics applied to signaling and clinical research	Matthias Mann	CRG PRBB Auditorium
	18:00 – 18:30	0:30	Lecture	L2: Serine ADP-ribosylation	Ivan Matic	CRG PRBB Auditorium
	18:30 – 19:00	0:30	Lecture	L3: Unravelling the hidden universe of small proteins in bacterial genomes	Luis Serrano	CRG PRBB Auditorium
	19:00 – 19:30	0:30		Welcome drinks		CRG Terrace
Monday (July 9)	8:30 – 9:00	0:30		Registration and poster setup	Alison Dalfovo	CRG Terrace
	9:00 – 9:45	0:45	Lecture	L4: MS based proteomics	Dan Itzhak	CRG PRBB Auditorium
	9:45 – 10:30	0:45	Lecture	L5: MaxQuant basics – part 1	Juergen Cox	CRG PRBB Auditorium
	10:30 – 11:00	0:30		Coffee break		CRG Terrace
	11:00 – 11:45	0:45	Lecture	L6: High resolution/accurate mass instrumentation for proteomics	Alexander Makarov	CRG PRBB Auditorium
	11:45 – 12:30	0:45	Lecture	L7: Andromeda I	Petra Gutenbrunner	CRG PRBB Auditorium
	12:30 – 14:00	1:30		Lunch		CRG Terrace
	14:00 – 14:30	0:30	Lecture	L8: MaxQuant basics - part 2	Juergen Cox	CRG PRBB Auditorium
	14:30 – 15:00	0:30	Lecture	L9: Label free quantification	Hamid Hamzeiy	CRG PRBB Auditorium
	15:00 – 15:30	0:30	Lecture	L10: MaxQuant.Live	Christoph Wichmann	CRG PRBB Auditorium
	15:30 – 16:00	0:30		Coffee break		CRG Terrace
	16:00 – 16:45	0:45	Lecture	L11: Translational Proteomics	Eduard Sabidó	CRG PRBB Auditorium
	16:45 – 17:15	0:30	Lecture	L12: Crosslinking	Şule Yilmaz	CRG PRBB Auditorium
	17:15 – 19:15	2:00		Poster session and refreshments		CRG Terrace
Tuesday (July 10)	9:00 – 9:45	0:45	Lecture	L13: MaxQuant basics – part 3	Juergen Cox	CCCB Main Foyer
	9:45 – 10:30	0:45	Lecture	L14: Next Generation Sequencing in MaxQuant	Pavel Sinitcyn	CCCB Main Foyer
	10:30 – 11:00	0:30		Coffee break		Courtyard
	11:00 – 11:45	0:45	Lecture	L15: Andromeda II	Petra Gutenbrunner, Favio Salinas	CCCB Main Foyer
	11:45 – 12:30	0:45	Lecture	L16: MaxQuant output tables	Shivani Tiwary	CCCB Main Foyer
	12:30 – 14:00	1:30		Lunch		Courtyard
	14:00 – 14:45	0:45	Lecture	L17: Reproducibility of research results: Implications for proteomics	Ruedi Aebersold	CCCB Main Foyer
	14:45 – 15:30	0:45	Tutorial	T1: Configuration of the Andromeda search engine	Şule Yilmaz	CCCB Main Foyer
	15:30 – 16:00	0:30		Coffee break		Courtyard
	16:00 – 16:45	0:45	Tutorial	T2: Viewer	Juergen Cox	CCCB Main Foyer
	16:45 – 17:30	0:45	Tutorial	T3: Protein quantification with MaxQuant	Christoph Wichmann	CCCB Main Foyer
	17:30 – 19:30	2:00	Boot camp	BC1: Absolute beginners session/BC2: Machine learning	MQ team/Shivani Tiwary, Favio Salinas, Peter Cimermanic	CCCB Main Foyer/The Auditorium
Wednesday (July 11)	9:15 – 10:00	0:45	Lecture	L18: Dependent peptides	Pavel Sinitcyn	CCCB Main Foyer
	10:00 – 10:30	0:30	Lecture	L19: Metabolomics	Hamid Hamzeiy	CCCB Main Foyer
	10:30 – 11:00	0:30		Coffee break		Courtyard
	11:00 – 11:45	0:45	Lecture	L20: High-quality peptide MS/MS spectrum prediction using deep learning and its application in DIA data analysis	Peter Cimermanic	CCCB Main Foyer
	11:45 – 12:30	0:45	Lecture	L21: Perseus and statistics	Juergen Cox	CCCB Main Foyer
	12:30 – 14:00	1:30		Lunch		Courtyard
	14:00 – 15:30	1:30	Tutorial	T4: Perseus Part 1	Juergen Cox and Tami Geiger	CCCB Main Foyer
	15:30 – 16:00	0:30		Coffee break		Courtyard
	16:00 – 17:00	1:00	Tutorial	T4: Perseus Part 2	Juergen Cox and Tami Geiger	CCCB Main Foyer
	17:00 – 19:00	2:00		Social activities		
Thursday (July 12)	20:00 – 0:00	4:00		Dinner		Salt Beach Club
	9:00 – 9:45	0:45	Lecture	L22: New technology for rapid and comprehensive proteome analysis	Joshua Coon	CCCB Main Foyer
	9:45 – 10:30	0:45	Lecture	L23: Advanced application I: Cancer proteomics	Tami Geiger	CCCB Main Foyer
	10:30 – 11:00	0:30		Coffee break		Courtyard
	11:00 – 11:45	0:45	Lecture	L24: Advanced application II: Circadian proteomics	Charo Robles	CCCB Main Foyer
	11:45 – 12:45	1:00	Lecture	L25: Computational PTM proteomics	Dan Itzhak	CCCB Main Foyer
	12:45 – 14:15	1:30		Lunch		Courtyard
	14:15 – 15:30	1:15	Tutorial	T5: Computational PTM proteomics	Dan Itzhak and Stefka Tyanova	CCCB Main Foyer
	15:30 – 16:30	1:00	Lecture	L26: Interactions and networks	Jan Rudolph	CCCB Main Foyer
	16:30 – 17:00	0:30		Coffee break		Courtyard
Friday (July 13)	17:00 – 18:00	1:00	Tutorial	T6: Interaction proteomics	Jan Rudolph	CCCB Main Foyer
	18:00 – 20:00	2:00	Boot camp	BC3: Palaeo-proteomics/BC4: Perseus plug-in programming	Enrico Cappellini, Patrick Leopold Rütger and Petra Gutenbrunner / Pavel Sinitcyn and Jan Rudolph	CCCB Main Foyer/The Auditorium
	9:00 – 9:30	0:30	Lecture	L27: Participant presentations	MQ team	CCCB Main Foyer
	9:30 – 9:45	0:15	Lecture	L28: Sharing MQ data in the public domain using PRIDE	Andrew Jarnuczak	CCCB Main Foyer
	9:45 – 10:00	0:15	Lecture	L29: Network analysis in Perseus	Jan Rudolph	CCCB Main Foyer
	10:00 – 10:30	0:30	Tutorial	T7: Network analysis in Perseus	Jan Rudolph	CCCB Main Foyer
	10:30 – 11:00	0:30		Coffee break		Courtyard
	11:00 – 11:45	0:45	Lecture	L30: A 'proteomic microscope' for systems cell biology	Georg Börner	CCCB Main Foyer
	11:45 – 12:45	1:00	Lecture	L31: timsTOF Pro powered by PASEF: The new standard for shotgun proteomics	Scarlet Koch	CCCB Main Foyer
	12:45 – 14:15	1:30		Lunch		Courtyard
Friday (July 13)	14:15 – 15:15	1:00	Lecture	L32: Current developments	MQ team	CCCB Main Foyer
	15:15 – 15:25	0:10	Lecture	L33: Closing remarks	MQ team	CCCB Main Foyer



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L1-L33 Lectures

T1-T7 Tutorials

BC1-BC4 Boot camps