



Analysis and Integration of Transcriptome and Proteome Data

EMBL COURSE

We have moved our website to embl.org/events. The content below is no longer being updated.

EMBL Courses and Conferences during the Coronavirus pandemic

With the onsite programme paused, many of our events are now being offered in virtual formats.

Registration is open as usual for many events, with back-up plans in place to move further courses and conferences online as necessary. Registration fees for any events affected by the COVID-19 disruption are fully refundable.

More information for participants of events at EMBL Heidelberg can be found [here](#).

Programme

Got something to say? Share it with [#EMBLTransPro](#)

[HIDE ALL](#)

Day 1 - Sunday 11th March 2018

Time	Speaker
13:30 - 14:00	Arrival & Welcome @ ISG Hotel
14:00 - 16:00	RNA-seq: Is it that Simple? <i>Vladimir Benes - EMBL Heidelberg, Germany</i>
16:00 - 16:30	Coffee Break
16:30 - 18:00	RNA-seq: From Reads to Genes (Reference based and alignment-free transcripts counting) (Duplication artifacts effects on expression estimation.) (Annotation effect on expression estimation) <i>Raffaele Calogero - University of Torino, Italy</i>

Time	Speaker
------	---------

18:00 - 18:10

Q & A**Dinner**

Day 2 - Monday 12th March 2018

Time	Speaker
------	---------

morning

From Reads to Gene Lists

(STAR-RSEM mapping and counting)

(Salmon alignment free counting)

Raffaele Calogero - University of Torino, Italy

afternoon

DESeq2*Simon Anders, ZMBH Heidelberg, Germany*

Day 3 - Tuesday 13th March 2018

Time	Speaker
------	---------

morning

Ribosome profiling*Gerben Menschaert - University of Ghent, Belgium*

12:00 - 13:00

Lunch

13:00 - 14:30

Introduction to Proteomics*Jeroen Krijgsveld - DKFZ*

14:30 - 15:00

Coffee Break

15:00 - 15:45

Quantitative proteomics: SILAC and other MS1-based approaches*Jeroen Krijgsveld - DKFZ*

16:00 - 17:30

Quantitative proteomics: TMT*Mikhail Savitski - EMBL Heidelberg, Germany*

Day 4 - Wednesday 14th March 2018

Time	Speaker
------	---------

9:00 - 10:30

Talk: Bioinformatics for proteomics*Lennart Martens - University of Ghent, Belgium*

10:30 - 11:00

Coffee Break

Time	Speaker
11:00 - 12:30	Practical Session: Turning data into information-peptide and protein identification, database searching <i>Lennart Martens - University of Ghent, Belgium</i>
12:30 - 13:30	Lunch
13:30 - 15:00	Practical Session Continues <i>Lennart Martens - University of Ghent, Belgium</i>
15:00 - 15:30	Coffee Break
15:30 - 17:30	Introduction to MaxQuant; analysis of MS data <i>Daria Fijalkowska - DKFZ, Germany</i>
	Dinner downtown

Day 5 - Thursday 15th March 2018

Time	Speaker
9:00 - 10:30	Practical Session: Proteomics data interpretation <i>Daria Fijalkowska - DKFZ, Germany</i>
10:30 - 11:00	Coffee Break
11:00 - 12:00	Bioinformatic tools for data comparison and integration <i>Matt Rogon - EMBL Heidelberg, Germany</i>
12:00 - 13:00	Lunch
13:00 - 14:30	Introduction to Cytoscape <i>Matt Rogon - EMBL Heidelberg, Germany</i>
14:30 - 15:00	Coffee Break
15:00 - 17:30	Introduction to Cytoscape <i>Matt Rogon - EMBL Heidelberg, Germany</i>

Day 6 - Friday 16th March 2018

Time	Speaker
09:00 - 10:00	Multi-omics approach on microbial communities <i>Paul Wilmes - University of Luxembourg, Luxembourg</i>

Time

Speaker

10:00 - 16:00

Practical Session: Data integration

Matt Rogon - EMBL Heidelberg, Germany