



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 The content below is no longer being updated.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? Tweet it with #EMBLLibPrep

HIDE ALL

Day 1 - Monday 1 July 2019

Time	Speaker	Location
14:00 - 14:30	Welcome and Introduction	Courtyard Room A+B

Time	Speaker	Location
14:30 - 15:30	Keynote Lecture: A brief history of sequencing and genomics Toumy Guettouche - Roche Sequencing Solutions, USA	Courtyard Room A+B
15:30 - 16:00	Coffee Break	Courtyard Room A+B
16:00 - 16:30	Lecture: Strategies for the construction of high complexity and low-bias NGS libraries Valentina Kovaleva - Roche Diagnostics, Germany	Courtyard Room A+B
16:30 - 17:15	Lecture: Library preparation strategies for RNA-Seq Carmen Rothmund - Roche Diagnostics, Germany	Courtyard Room A+B
17:15 - 18:20	Flash talks and planning hands-on part for days 2 & 3	Courtyard Room A+B
18:20	Bus to ISG Hotel	ATC Entrance
18:30	BBQ Dinner	ISG Hotel

Day 2 - Tuesday 2 July 2019 (KAPA mRNA HyperPrep Kit)

Time	Speaker	Location
09:00 - 10:00	Review of RNA quality and quantity, concentration adjustment	Training Lab B
10:00 - 11:40	mRNA capture	Training Lab B
11:40 - 12:20	mRNA elution, fragmentation and priming	Training Lab B
12:20 - 12:30	1 st strand synthesis	Training Lab B
12:30 - 13:15	Lunch Break	EMBL Canteen
13:15 - 14:05	2 nd strand synthesis	Training Lab B
14:05 - 14:40	Adapter ligation	Training Lab B
14:40 - 15:25	1st post-ligation cleanup	Training Lab B
15:25 - 16:10	2nd post-ligation cleanup	Training Lab B

Time	Speaker	Location
16:10 - 17:00	Library amplification	Training Lab B
17:00 - 18:00	Library amplification cleanup	Training Lab B
18:00 - 19:00	Pizza Dinner	ATC Foyer

Day 2 - Tuesday 2 July 2019 (KAPA RNA HyperPrep Kit with RiboErase)

Time	Speaker	Location
09:00 - 09:45	Review of RNA quality and quantity, concentration adjustment	Training Lab B
09:45 - 11:00	Oligo Hybridization and rRNA depletion	Training Lab B
11:00 - 11:45	rRNA depletion cleanup	Training Lab B
11:45 - 12:45	DNase digestion	Training Lab B
12:45 - 13:30	DNase digestion cleanup	Training Lab B
13:30 - 14:15	Lunch Break	EMBL Canteen
14:15 - 14:30	RNA fragmentation and priming	Training Lab B
14:30 - 15:20	1 st strand synthesis	Training Lab B
15:20 - 16:15	2 nd strand synthesis	Training Lab B
16:15 - 16:50	Adapter ligation	Training Lab B
16:50 - 17:20	1 st post-ligation cleanup	Training Lab B
17:20 - 18:00	2 nd post-ligation cleanup	Training Lab B
18:00 - 19:00	Pizza Dinner	ATC Foyer

Day 3 - Wednesday 3 July 2019 (KAPA HyperPlus Kit)

Time	Speaker	Location
09:00 - 10:00	Sample QC and adjustment	Training Lab B
10:00 - 10:45	Enzymatic fragmentation	Training Lab B
10:35 - 11:20	End repair and A-tailing	Training Lab B

Time	Speaker	Location
11:15 - 12:00	Adapter ligation	Training Lab B
12:00 - 12:30	Post-ligation cleanup	Training Lab B
12:30 - 13:30	Lunch Break	EMBL Canteen
13:30 - 14:00	Double-sided size selection	Training Lab B
14:15 - 14:30	Library amplification	Training Lab B
14:30 - 15:00	KAPA Library Quant Kit overview	Training Lab B
15:00 - 15:30	Post-amplification cleanup	Training Lab B
15:30 - 16:30	QC of RNA and DNA libraries (NanoDrop, Qubit, Bioanalyzer)	Courtyard Room A+B
16:00 - 17:00	Coffee Break	Courtyard Room A+B
16:30 - 18:00	Preparation of qPCR	Training Lab B
17:30	Start of qPCR	Training Lab B
18:00	Bus to ISG Hotel	ATC Entrance
18:30	Depart for downtown (Neckarmünzplatz)	ISG Hotel
19:00- 20:00	Free time	
20:00	Course Dinner	Restaurant Goldener Falke (Hauptstraße 204)

Day 4 - Thursday 4 July 2019

Time	Speaker	Location
09:00	Group Photo	Meet at Courtyard Room A+B
09:00 - 10:00	Lecture: Systematic analysis of EnigmRBPs. Pushing the limits of RNA sequencing Claudio Asencio - EMBL Heidelberg, Germany	Computer Training Lab
10:00 - 12:30	Bioinformatics I	Computer Training Lab
12:30 - 13:30	Lunch Break	EMBL Canteen

Time	Speaker	Location
13:30 - 14:30	Analysis of qPCR Results	Computer Training Lab
14:30 - 16:45	Bioinformatics II	Computer Training Lab
16:45 - 17:00	Closing Remarks and Departure	Computer Training Lab