



Introduction to Bioinformatics with R and Bioconductor

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 The content below is no longer being updated.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? Tweet it with [#EMBLRBioconductor](https://twitter.com/EMBLRBioconductor)

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Day 1 - Monday 1 April 2019

Time	Speaker	Location
13:00 - 13:30	Course Introduction and House Notes Thomas Schwarzl - EMBL Heidelberg, Germany	Computer Training Lab
13:30 - 14:30	Ice breaking activity Elisabeth Zielonka - EMBL Heidelberg, Germany	Computer Training Lab
14:30 - 15:30	Practical: R refresher Thea Van Rossum - EMBL Heidelberg, Germany	Computer Training Lab
15:30 - 16:00	Coffee break	Computer Training Lab

Time	Speaker	Location
16:00 - 18:00	Practical: Data preprocessing Thea Van Rossum - EMBL Heidelberg, Germany	Computer Training Lab
18:00 - 19:30	Dinner	EMBL Canteen

Day 2 - Tuesday 2 April 2019

Time	Speaker	Location
09:00 - 09:05	Overview of the day	Computer Training Lab
09:05 - 11:00	Practical: Graphics and Data Handling Florian Huber - EMBL Heidelberg, Germany Thomas Schwarzl - EMBL Heidelberg, Germany	Computer Training Lab
11:00 - 11:15	Coffee break	Computer Training Lab
11:15 - 12:30	Practical: Data Visualization and Exploration Florian Huber - EMBL Heidelberg, Germany	Computer Training Lab
12:30 - 13:30	Lunch	EMBL Canteen
13:30 - 15:30	Practical: Data Visualization and Exploration Florian Huber - EMBL Heidelberg, Germany	Computer Training Lab
15:30 - 16:00	Coffee break	Computer Training Lab
16:00 - 18:30	Practical: Clustering and Dimension Reduction Florian Huber - EMBL Heidelberg, Germany	Computer Training Lab
18:30 - 20:30	Dinner	ATC Rooftop Lounge

Day 3 - Wednesday 3 April 2019

Time	Speaker	Location
09:00 - 09:05	Overview of the day	Computer Training Lab

Time	Speaker	Location
09:05 - 11:00	Practical: Hypothesis Testing Florian Huber - EMBL Heidelberg, Germany	Computer Training Lab
11:00 - 11:30	Coffee break	Computer Training Lab
11:30 - 12:30	Practical: Hypothesis Testing Florian Huber - EMBL Heidelberg, Germany	Computer Training Lab
12:30 - 13:30	Lunch	EMBL Canteen
13:30 - 15:30	Practical: Introduction to Bioconductor Thomas Schwarzl - EMBL Heidelberg, Germany	Computer Training Lab
15:30 - 16:00	Coffee break	Computer Training Lab
16:00 - 17:45	Practical: Statistical testing for high-throughput data Thomas Schwarzl - EMBL Heidelberg, Germany	Computer Training Lab
18:00	Shuttle to downtown	
19:00	Dinner	

Day 4 - Thursday 4 April 2019

Time	Speaker	Location
09:00 - 09:05	Overview of the day	Computer Training Lab
09:05 - 11:00	Practical: Analysis of high-throughput count data Thomas Schwarzl - EMBL Heidelberg, Germany	Computer Training Lab
11:00 - 11:30	Coffee break	Computer Training Lab
11:30 - 12:30	Practical: Data annotation Thomas Schwarzl - EMBL Heidelberg, Germany	Computer Training Lab
12:30 - 13:30	Lunch	EMBL Canteen
13:30 - 15:30	Q&A Session Thomas Schwarzl - EMBL Heidelberg, Germany	Computer Training Lab

Time	Speaker	Location
15:30 - 16:00	Wrap up & End of the course	Computer Training Lab