



# Enzymatic Methyl-Seq: Bisulfite-Free Methylation Analysis

EMBL COURSE



**We have moved our website to [embl.org/events](https://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 The content below is no longer being updated.**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 [#EMBLmethylation](#)

Please note this is a preliminary programme and is not yet finalised.

### Day 1 - Monday 2 December 2019

Time	Speaker	Location
12:45	<b>Bus from ISG Hotel to EMBL ATC entrance</b>	ISG Hotel bus stop
13:00	<b>Arrival &amp; Registration</b>	Flex Lab A & B

Time	Speaker	Location
13:00 - 13:30	<b>Welcome and Introduction</b>	Flex Lab A & B
13:30 - 14:30	<b>Introduction and Flash talks of participants</b>	Flex Lab A & B
14:30 - 15:30	<b>Icebreaking activity</b>	Flex Lab A & B
15:30 - 18:00	<b>Lecture: Best practice: Handling of beads Get familiar with the protocol</b> Louise Williams - New England Biolabs Inc., USA	Flex Lab A & B
18:00 - 19:00	<b>Dinner</b>	Canteen
19:00	<b>Bus to Hotel</b>	ATC entrance

## Day 2 - Tuesday 3 December 2019

Time	Speaker	Location
08:45	<b>Bus from ISG Hotel to EMBL ATC entrance</b>	ISG Hotel bus stop
09:00 - 12:00	<b>Practical: Bisulfite-free Library Prep Part 1</b> Mireia Osuna Lopez - EMBL Heidelberg, Germany Ferris Jung - EMBL Heidelberg, Germany Louise Williams - New England Biolabs Inc., USA	Training Lab B
12:00 - 13:00	Lunch	Canteen
13:00 - 15:30	<b>Practical: Bisulfite-free Library Prep Part 2</b> Mireia Osuna Lopez - EMBL Heidelberg, Germany Ferris Jung - EMBL Heidelberg, Germany Louise Williams - New England Biolabs Inc., USA	Training Lab B
15:30 - 16:30	<b>Lecture: Technical Principles of a bisulfite-free library</b> Louise Williams - New England Biolabs Inc., USA	Flex Lab A & B
16:30 - 17:00	<b>Coffee Break</b>	Flex Lab A & B

17:00 - 18:00	<b>Lecture: Analysis of tissue-specific methylation in cell-free DNA</b>	Flex Lab A & B
18:00	<b>Bus to Hotel</b>	ATC entrance
18:15	<b>Flammkuchen Dinner</b>	ISG Hotel Restaurant

## Day 3 - Wednesday 4 December 2019

Time	Speaker	Location
08:45	<b>Bus from ISG Hotel to EMBL ATC entrance</b>	ISG Hotel bus stop
09:00 - 11:45	<b>Practical: Bisulfite-free Library Prep Part 3 with Tour of the GeneCore Facilities</b> Mireia Osuna Lopez - EMBL Heidelberg, Germany Ferris Jung - EMBL Heidelberg, Germany Louise Williams - New England Biolabs Inc., USA	Training Lab B
11:45 - 13:00	<b>Lunch</b>	Canteen
13:00 - 17:00	<b>Practical: Bisulfite-free Library Prep Part 4</b> Mireia Osuna Lopez - EMBL Heidelberg, Germany Ferris Jung - EMBL Heidelberg, Germany Louise Williams - New England Biolabs Inc., USA	Training Lab B
17:00 - 18:30	<b>Lecture: Introduction to Data Quality and LINUX</b> Jonathan Landry - EMBL Heidelberg, Germany Jan Provaznik - EMBL Heidelberg, Germany	Computer Training Lab
18:30	<b>Bus to the Old Bridge</b>	ATC entrance
19:00	<b>Glühwein at the Heidelberg Christmas Market</b>	<a href="#">Marktplatz</a>
20:00	<b>Dinner Downtwon</b>	Restaurant/Vinothek Oskar

## Day 4 - Thursday 5 December 2019

Time	Speaker	Location
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08:45	<b>Bus from ISG Hotel to EMBL ATC entrance</b>	ISG Hotel bus stop
09:00 - 10:00	<b>Lecture - Methylation profiling to understand genetic and epigenetic control of gene regulation</b> Arnaud Krebs - EMBL Heidelberg, Germany	Computer Training Lab
10:00 - 12:30	<b>Practical - Bioninformatics I</b> Rebecca Berrens - University of Cambridge, UK Jonathan Landry - EMBL Heidelberg, Germany Jan Provaznik - EMBL Heidelberg, Germany	Computer Training Lab
12:30 - 13:30	<b>Lunch</b>	Canteen
13:30 - 15:45	<b>Practical - Bioninformatics II</b> Rebecca Berrens - University of Cambridge, UK Jonathan Landry - EMBL Heidelberg, Germany Jan Provaznik - EMBL Heidelberg, Germany	Computer Training Lab
15:45 - 16:00	<b>Closing Remarks and Departure</b>	Computer Training Lab
16:00	<b>Bus departs to Heidelberg train station and Crown Plaza Hotel</b>	ATC entrance