



EMBL Microinjection in Zebrafish and Medaka: From Transgenesis to CRISPR

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 The content below is no longer being updated.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 [#EMBLmicroinjection](#)

[HIDE ALL](#)

Day 1 - Tuesday 20 November 2018

| Time | Speaker | Location |
|---------------|--|----------------|
| 09:00 - 09:30 | Welcome and introduction Elisabeth Zielonka - EMBL Heidelberg, Germany | Flex Lab A & B |

| Time | Speaker | Location |
|---------------|---|----------------------------------|
| 09:30 - 10:15 | Lecture: Theory of microinjection setup Sandra Stobrawa - Eppendorf AG, Germany | Flex Lab A & B |
| 10:15 - 12:30 | Practical session: Group 1: Microinjection into zebrafish Group 2: Introduction into CRISPR tool CCTop | Training Lab B |
| 12:30 - 13:30 | Lunch Break | EMBL Canteen |
| 13:30 - 16:45 | Practical session: Group 1: Microinjection into medaka Group 2: Tour of EMBL Fish Facility and fish husbandry | Training Lab B and Fish Facility |
| 16:45 - 17:00 | Coffee Break | Flex Lab A & B |
| 17:00 - 18:00 | Lecture: How to CRISPR in fish Jochen Wittbrodt - COS Heidelberg, Germany | Flex Lab A & B |
| 18:00 | Free Evening | |

Day 2 - Wednesday 21 November 2018

| Time | Speaker | Location |
|---------------|---|----------------------------------|
| 09:00 - 09:30 | Lecture: Introduction into microscopy and contrast techniques Dirk Scholz - Nikon, Germany | Flex Lab A & B |
| 09:45 - 12:30 | Practical session: Group 1: Introduction into CRISPR tool CCTop Group 2: Microinjection into zebrafish | Training Lab B |
| 12:30 - 13:30 | Lunch Break | EMBL Canteen |
| 13:30 - 15:45 | Practical session: Group 1: Tour of EMBL Fish Facility and fish husbandry Group 2: Microinjection into medaka | Training Lab B and Fish Facility |

| Time | Speaker | Location |
|---------------|---|--------------------|
| 15:45 - 16:00 | Coffee Break | Flex Lab A & B |
| 16:00 - 17:00 | Lecture: Transgenesis in fish Jochen Wittbrodt - COS Heidelberg, Germany | Flex Lab A & B |
| 17:00 - 19:00 | Pizza Night with Q&A session | ATC Rooftop Lounge |

Day 3 - Thursday 22 November 2018

| Time | Speaker | Location |
|---------------|--|----------------|
| 09:00 - 09:30 | Lecture: Introduction into Acquirer for imaging Jochen Gehrig - ACQUIFER, Germany | Flex Lab A & B |
| 09:30 - 11:00 | Practical session: Acquirer machine with example application and analysis of acquired movies | Training Lab B |
| 11:00 - 12:00 | Discussion and Feedback | Flex Lab A & B |
| 12:00 - 13:00 | Farewell Lunch | EMBL Canteen |