

# DISCOVERING CEREBRAL ORGANOIDS

## ON-DEMAND COURSE

Exclusive lectures from world-leading experts will provide you with a deeper understanding of cutting-edge cerebral organoid technology. In addition, practical videos from the lab will guide you through cerebral organoid culture so you will be confident to get started on your own experiments.

### Cerebral Organoids in Depth

A thorough introduction covering how to establish, culture, manipulate and analyse cerebral organoids with practical advice from our expert instructor, Dr Madeline Lancaster.

### Cerebral Organoid Practical

Feel confident to establish and culture your own cerebral organoids as practical videos from the lab guide you from embryoid body generation through the first 30 days of culture.

### Cerebral Organoid Protocol Sheets

Step-by-step protocols with all the information you need to plan your experiments, so you can successfully culture cerebral organoids in your own lab.

### Measuring and Analysing Neuronal Function

This module includes an introduction to microelectrode arrays and detailed protocols to measure and analyse the neuronal function of mature cerebral organoids.

### Further Reading

Continue learning beyond the course with a library of research papers and reviews covering the field of cerebral organoids.

### Monitor your progress

Regular assessment questions combined with in-depth analytics allow you to check how you're progressing in each concept and how your confidence is evolving over time.

**Question**  
What length fibres need to be cut from the sutures?

1 mm	<input checked="" type="checkbox"/>	30 pts
5 cm	<input type="checkbox"/>	
1 cm	<input type="checkbox"/>	
3 mm	<input checked="" type="checkbox"/>	-26 pts

Why did you get this wrong?

Measure your confidence level in mini-assessments to track your progression through different concepts.