

3D CELL MODELS AND ORGANOIDS ON-DEMAND COURSE

Exclusive lectures from world-leading experts in cutting-edge 3D cell model technology will provide you with a deeper understanding of the field. In addition, the course will provide you with a solid base to plan your experimental work to the highest standards.

Introduction to 3D cell models

An introduction to 3D cell culture and models, covering the significant advances that have been made in the field.

Genetic Modification of Organoids

Learn from the experts about the genome engineering tools used to manipulate organoid cultures.

Experimental Resources for 3D Cell Models

Find all the resources to get set up in 3D culture, with detailed guides on how to successfully image your 3D models.

- Imaging
- Consumables
- Electroporation
- Cell lines

Adult Stem Cell-Derived Intestinal Organoids

Theory

Discover the history and theory behind state-of-the-art intestinal organoid technology.

Practical Elements

Be ready to design your own experiments after learning how to establish, culture and manipulate intestinal organoids.

Cancer Organoids

Learn about the benefits of using organoids as a preclinical cancer model.

Coming soon...

Gastruloids
Neural Tube Organoids
Liver Organoids

Personalise your learning journey

Using adaptive mode on the OBRIZUM platform you can adapt and personalise your journey through the content and assessments to make learning more effective. Analytics allow you to track your progress through each of the different concepts.

Question

Which of these is an advantage of using organoids for cancer modelling?

Organoids are easier to maintain than cancer cell lines

You can determine the mutation profile of the cancer cells

You can characterise the biological behaviour of the cancer cells in different conditions

Enter your confidence level for this content:

Set your confidence just for this answer

Measure your confidence level in mini-assessments to personalise your journey and make learning more effective.