

Call for Participants: Cellular Agriculture and the Future of Farming

The Cellular Agriculture Manufacturing Hub (CARMA) is inviting students studying agriculture and related subjects to take part in an afternoon of discussions (**Tue 5th May, 13:00-16:00 on the RAU campus**) exploring the potential impacts of cellular agriculture on the future of farming.

We are particularly interested in hearing the views of students who may go on to work in the agricultural sector.

Cellular agriculture refers to a group of technologies that aim to produce food and other consumables through cell culture rather than traditional agricultural systems. One example is **cultivated meat**, produced by taking a small sample of animal cells and multiplying them in a bioreactor. While cultivated meat has not yet been approved for sale in the UK, it has been approved in several other countries.

Another area is **precision fermentation**, which uses microbes as cell factories to produce specific ingredients. Some applications already exist – such as the production of fats used in Omega-3 supplements – while researchers are currently exploring a range of new possibilities.

Proponents of these technologies argue that they could help reduce some of the environmental pressures associated with food production. Others suggest they may create new opportunities within the agricultural sector. As research and development in this area accelerates, it is important to have open conversations about how these technologies might develop in the future – including conversations with the next generation of farmers and agricultural professionals.

Why are we doing this?

CARMA researchers are exploring how emerging food technologies such as cellular agriculture may interact with the agricultural sector. Hearing directly from students studying agriculture and related subjects helps us understand how the next generation of farmers and agricultural professionals view these developments.

The discussions will contribute to ongoing research examining how cellular agriculture might develop alongside existing agricultural systems, and what opportunities or challenges it may present for the sector.

What does the session involve?

During the session you will:

- Learn about the science behind cellular agriculture

- Hear from scientists working on the technology
- Take part in facilitated discussions about its potential impacts
- Explore your hopes and concerns for the technology

This is not just a listening exercise. Participants will be invited to share their honest views and reflect on how emerging food technologies might affect the future of agriculture and agricultural careers.

Who can take part?

We are inviting undergraduate and postgraduate students currently studying agriculture or any related subjects at the Royal Agricultural University. No prior knowledge of cellular agriculture is required.

What do I get out of it?

- An introduction to cutting-edge research in cellular agriculture.
- £20 Amazon or Marks & Spencer Voucher
- The opportunity to discuss the future of farming with researchers and other students
- Food and refreshments provided during the event

About CARMA

The [Cellular Agriculture Manufacturing Hub \(CARMA\)](#) is a UK research collaboration bringing together scientists, social scientists and industry partners to explore the development of cellular agriculture. The hub, funded by the Engineering and Physical Sciences Research Council, investigates the scientific, technical, and social dimensions of emerging food technologies.

To get in contact with the CARMA team at RAU please contact: RAU_CARMA@rau.ac.uk

Take Part

If you are a student at the RAU and are interested in taking part, please fill in the expression of interest form by clicking the link or scanning the QR code. We will then be in touch with further details.

[Expression of Interest: Cellular Agriculture and the Future of Farming – Fill in form](#)

