

# CULTURED MEAT

The meat of the future?

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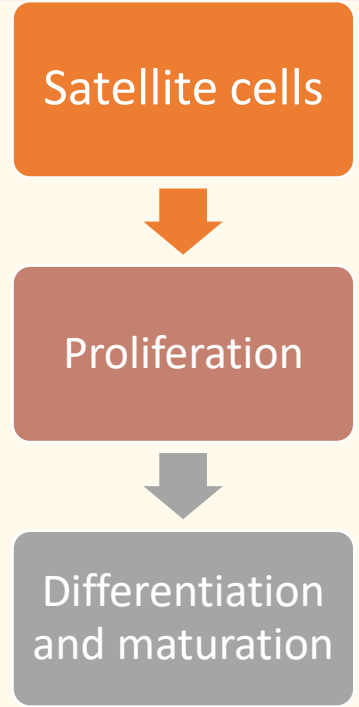
## OBJECTIVES

Inform about cultured meat through **scientific dissemination**, with the view to bringing its science and technology closer to general society.

## THE NEED OF CULTURED MEAT

- Increase in **meat demand** (2050 → 73%)
- **Environmental** impact of livestock.
- Social concerns about **animal welfare** and **public health**.
- Other **alternatives** have been proposed; veganism, insects and vegetal proteins.

## HOW IS IT MADE?



## FUTURE PROSPECTS

- SCALING OF PRODUCTION**
- COST EFFICIENCY**
- MIMICRY**

## ENVIRONMENTAL IMPACTS

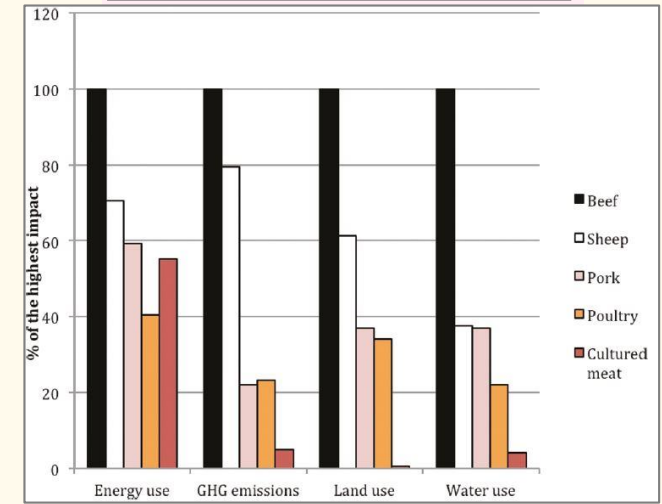


Figure 1. Tuomisto H, Mattos MT de. 2011. Environmental impacts of cultured meat production. Environ. Sci.

Would you buy *in vitro* meat if it were available in the local supermarket?

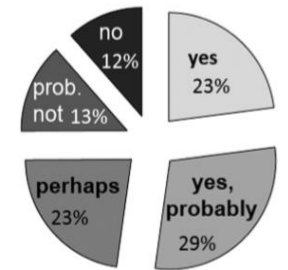


Figure 2. Post MJ. 2014a. An alternative animal protein source: cultured beef.

## CONCLUSIONS

In conclusion, there are some issues that need to be solved in terms of industrialisation, production of huge amounts of **cultured meat** and consumer acceptance. More research is required, but, artificial meat could be a great alternative to produce meat in the **future**.