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New Harvest is a registered 501(c)3 charity
advancing technologies to sustainably and
affordably feed a growing global population.

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What We Do
Who We Are
Research Needs
New Harvest in 2014

al engineer, researcher

Bioreactor Design / Bath, UK

h.D. in Chemical Engineering. She is an senior lecturer in Biochemical Engineering, Department of Chemical Engineering, University of Bath, UK and has research interests in designing 'bioreactors'. The bioreactors can be used for different tissue engineering applications: cell expansion – to culture large numbers of cells for clinicians and other researchers to use; in vitro models – used to replicate a tissue in the lab to study, for example, the response of that tissue to drugs; and regenerative medicine – to make constructs than can be implanted into the body to heal damaged organs. Now the technology will be applied to growing cultured meat. Marianne's skills in bioreactor design will hopefully enable large amounts of cultured meat to be produced economically and with a low carbon footprint.

Marianne is a supporter of ethical and sustainable farming , believing it to be a vital part of culture, heritage and economic strength as well as health and well-being.

She believes that cultured meat will provide a low-cost high-quality bulk protein source for everyday cooking and that it will compliment this farming industry. By developing the technology for producing cultured meat so that it is cheap and easy to use, cultured meat will hopefully be

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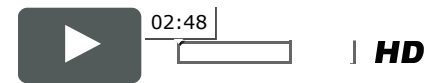
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available to every person in the world, while also being environmentally friendly. From a researcher's perspective, this is a very exciting challenge to investigate!

Learn more about Marianne
@MarianneJEllis

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24 Jun 2015, 0 Comment

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12 Jun 2015, 0 Comment

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“Fifty years hence, we shall escape the absurdity of growing a whole chicken in order to eat the breast or wing by growing these parts separately under a suitable medium.” - Winston Churchill in 1931

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