

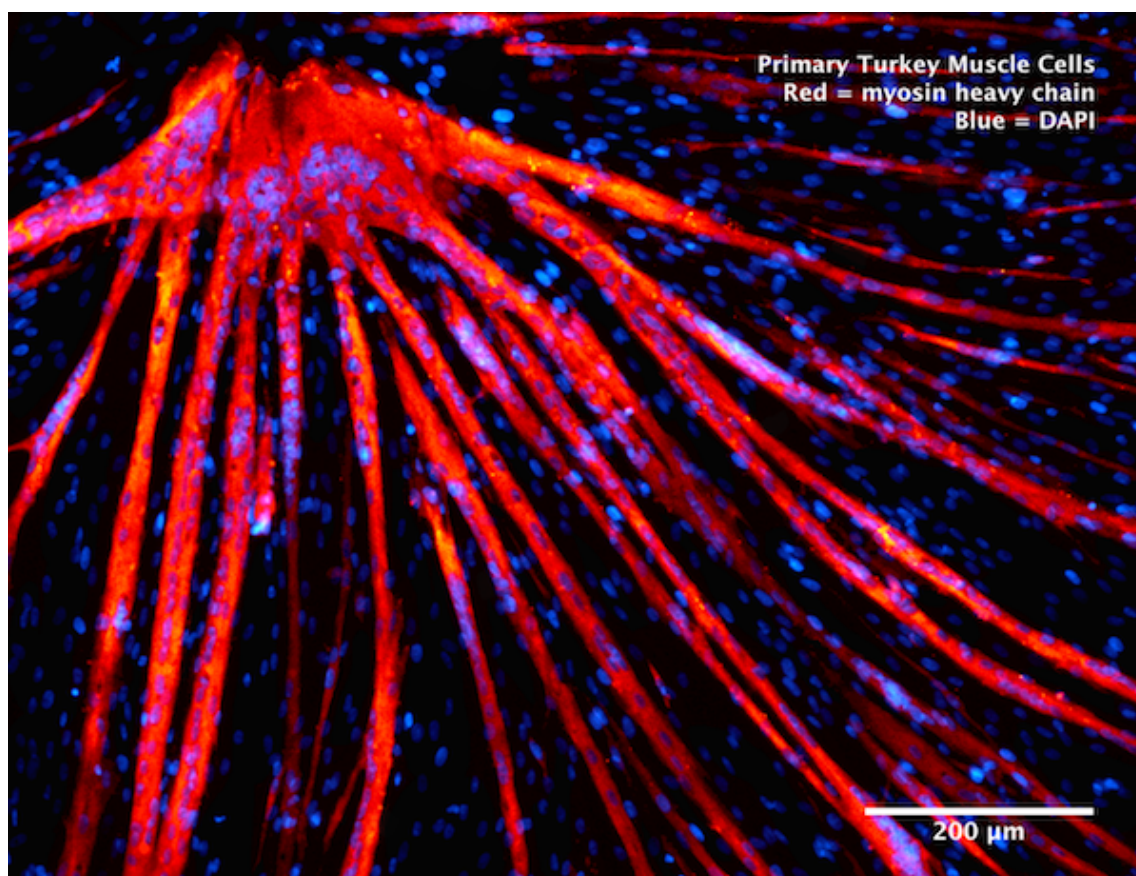


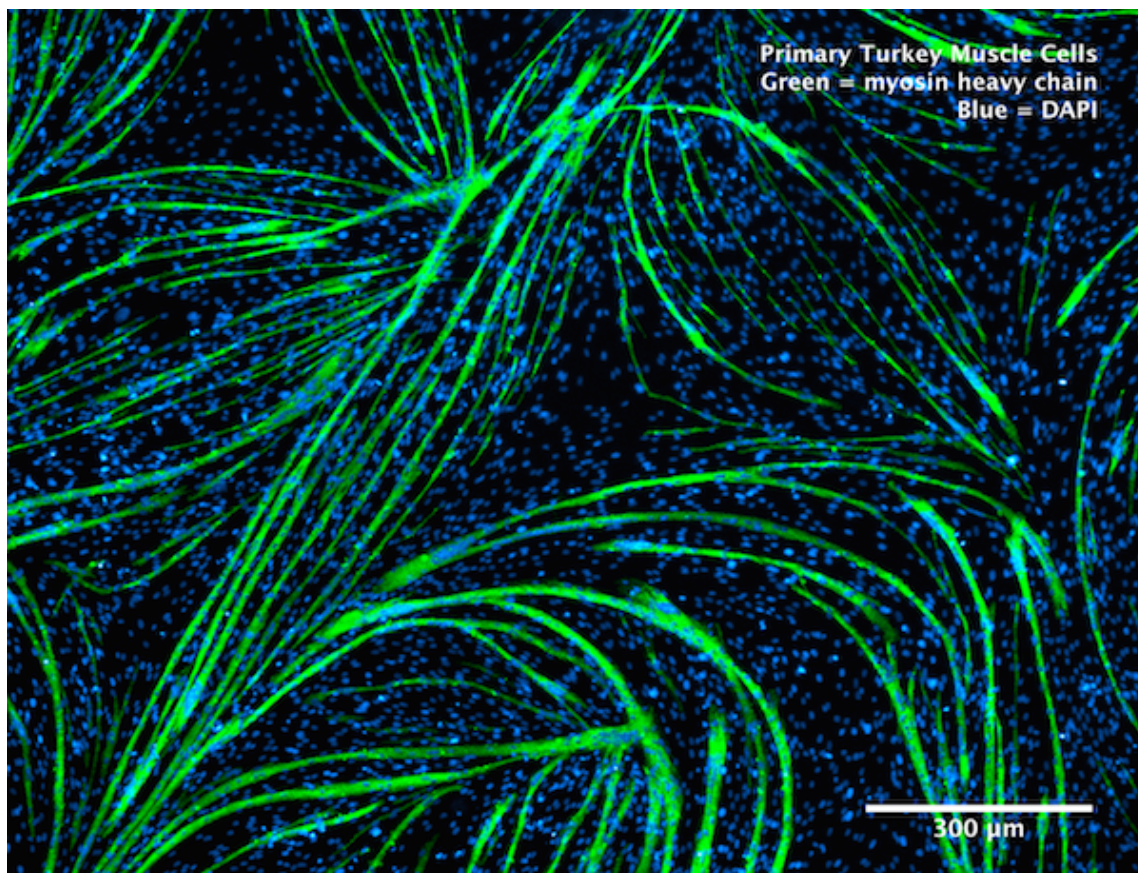
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## ANNOUNCEMENTS

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The latest news from New Harvest:





Some more beautiful microscopies taken by New Harvest Fellow Jess Krieger! Recently Jess has been growing primary turkey muscle cells in the lab. Here she's stained her cells with myosin heavy chain, a muscle marker (in red at the top, and in blue in the bottom image).

- 🇺🇸 New Harvest 2018 is just *two* months away! 🇺🇸 **Check out our [conference webpage](#) for updates to our speaker lineup and program information. [Reserve your spot today!](#)**
  - If you're a biohacker, student, post-doc, or professor, write to us at [hello@new-harvest.org](mailto:hello@new-harvest.org) to register at the deeply discounted student rate of \$100.
- In 2008, New Harvest funded [an environmental impacts study of cultured meat compared to conventional meat production](#), conducted by Dr. Hanna Tuomisto. This influential study has led to a growing group of scientists investigating the potential future impacts of cellular agriculture, independent of New Harvest funding. Dr. Tuomisto is now leading a lab at the University of Helsinki, where **she is seeking to onboard 2 cellular agriculture PhD students: one for assessing environmental impacts of cellular agriculture, and one for exploring consumers perceptions of the products from cellular agriculture.** The selected PhD candidates will join her research group at the University of Helsinki. More information about this opportunity can be found [here](#).

## UPCOMING EVENTS

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- The [3rd annual New Harvest conference](#) will be taking place **July 20 & 21 at the MIT Media Lab** in Cambridge, MA.
- Isha is scheduled to speak on a panel at [BIO Convention](#), **June 5 in Boston**
- I'll be giving a talk at [Sweden Food Tech](#), **June 7-8 in Stockholm**

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## FROM AROUND THE WEB

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Curated highlights from the world of cellular agriculture:

- **Memphis Meats has submitted a response to the US Cattlemen's Association's petition to the USDA Food Safety and Inspection Service** to exclude products not derived directly from animals raised and slaughtered from the definition of “beef” and “meat.” That statement is available to view [here](#).
- **Isha was quoted** in this [Science magazine piece](#) about the ongoing regulatory "ferment" 🤖 around cultured meat:
  - *"A dish full of animal muscle cells, some argue, looks a lot more like the cell-based products FDA regulators examine than the slaughter lines familiar to USDA inspectors. 'The kind of inspection that would take place at a slaughterhouse today is not the type of expertise that would be required in the inspection of a cultured meat facility,' says Isha Datar, Executive Director of the nonprofit research institute New Harvest in New York City. The group funds research on growing and harvesting animal cells in culture—a field that Datar says still receives relatively little attention from academia. 'We're finding there aren't even real standards about what makes a chicken muscle cell a chicken muscle cell,' she says. 'There's actually an enormous amount of things that we would have to clarify in order to say that [lab-grown meat] is equivalent to the animal products that we are familiar with.'"*

- Niamh Michail raised a [thought-provoking question](#) in an article for *Food Navigator*: **What color will cultured meat be - if and when it is released as a commercial product?** (I found that this was especially interesting to consider alongside this [somewhat related read](#), which looks back at a time when many U.S. states imposed "color constraint" laws on margarine, requiring it to be dyed pink.)
- You know we always love a good throwback, and a retrospective look at this [all but forgotten PopSci article](#) about **a team at Eindhoven University successfully(?) culturing pork tissue back in 2009** was a lot of fun.
- ***The Onion***\* poked some fun at cellular agriculture with their story, ["Scientists Successfully Create Artificial Placenta That Tastes Just As Delicious As Real One."](#) Nice to know they've been paying attention!

\*The Onion is a satirical news organization that publishes articles for entertainment purposes.

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## EMPLOYMENT OPPORTUNITIES IN CELLULAR AGRICULTURE

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- **Modern Meadow is actively looking to fill a number of positions.** Check out their current list of openings [here](#).
- **Memphis Meats currently has several openings.** For more information, click [here](#).
- **JUST has several open cellular agriculture positions.** [Take a look](#).
- **Is your cell ag company looking to grow?** [Get in touch](#) to have your job posting shared on the New Harvest newsletter.

That's all for now!



Erin Kim,  
Communications Director

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