

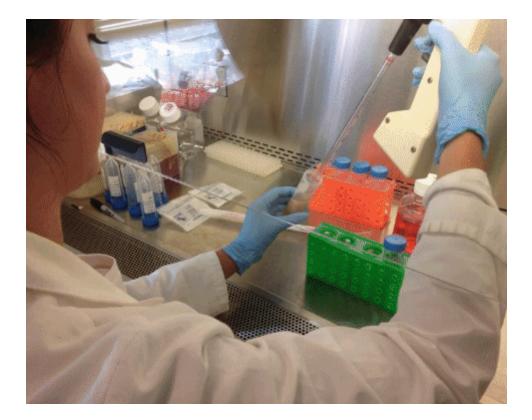
ANNOUNCEMENTS

The latest news from New Harvest:





Mark your calendars! New Harvest will be hosting the 4th annual New
Harvest conference July 19 & 20, 2019 at the MIT Media Lab. Ticket sales
will be opening in the new year - keep an eye on this newsletter to reserve
yours first. Not sure what the New Harvest conference is about? This
teaser video from 2018 should give you a sense of what you'd be getting
into!



 New Harvest is excited to announce that Avina Stiftung will match all donations made to New Harvest up to \$100,000. With no government funding to support cellular agriculture, New Harvest relies on donor support to fund all basic and primary research to grow the field.

Join us in creating the future of food and double your donation today.

NEW HARVEST FEATURES

Cell-Based Fish: A Novel Approach to Seafood Production and an Opportunity for Cellular Agriculture

Natalie Rubio , Isha Datar , David Stachura , Kate Krueger *

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Our review on <u>cell-based fish</u> is now online! Written along with New
Harvest Research Fellow Natalie Rubio and Dr. David Stachura, we take a
look at the current state of producing seafood via cellular agriculture and
obstacles ahead that need to be addressed. From cell-culturing bivalve
cell lines to scaffolding, we cover it all. You can get a *free* copy of our
review on PrePrints <u>here</u>.

FROM AROUND THE WEB

Our favourite content from the world of cellular agriculture:

- The USDA and FDA <u>announced a regulatory pathway</u> forward for cell-based meats. Following the USDA and FDA's Joint Public Meeting in October, the two agencies released a <u>statement</u> about how they will work together to regulate the field. This <u>Food Navigator piece</u> by Elaine Watson provides a great overview about the regulatory update and what it may mean for the field moving forward.
 - Vince Sewalt, Senior Director at DuPont Biosciences, shares his thoughts and provides an <u>overview of how regulation will look</u> like for cell-based meats. Vince has previously spoken about cell ag regulation at <u>New Harvest conferences</u>.
 - Share your voice on the future of food! The deadline to submit public comments following the USDA and FDA's Joint Public Meeting has been extended to **December 26th**.
 - Executive Director Isha Datar gave her public comments for New Harvest during the Joint Meeting. You can catch her thoughts on food safety and her formal comments on the New Harvest YouTube channel!
- Olivia Fox Cabane from the <u>Alternative Protein Show</u> wrote a <u>blog post</u> about <u>Radicle</u>'s report on the cellular agriculture investment landscape. Underwritten by New Harvest, you can read and purchase a copy <u>here</u>. The Alternative Protein Show takes place in San Francisco, California, from January 15th-17th, 2019.
- "We didn't know how to culture bluefin tuna cells because basically nobody knows how to culture bluefin tuna cells." In an <u>article for the Washington Post</u>, Tim Carman speaks to Finless Foods co-founders Mike Selden and Brian Wyrwas about how they are making cell-based bluefin tuna meat. Selden and Wyrwas share their challenges on being the first to work with bluefin tuna and learning how to culture them.

New Harvest Research Fellow Natalie Rubio features in Edible Boston
as one of the women leading the future of food! Natalie talks about her
research at Tufts University in cellular agriculture and how her work
focuses on developing a sustainable scaffolding for growing cell-based
meats.

In the world of startups:

- Perfect Day Foods co-founders Ryan Pandya and Perumal Gandhi were named in <u>Forbes 30-under-30 list</u> of Social Entrepreneurs! This list recognizes incredible and innovative founders and startups, and it's great that Perfect Day's co-founders were recognized for their achievement. By designing yeast to produce the same dairy proteins found in milk from a cow, Perfect Day can make the same milk. Without needing the cow. Make sure to check out <u>Ryan's video interview too</u>!
- Perfect Day Foods also announced a <u>new partnership with ADM</u>, one of the world's largest agricultural processors and food ingredient companies. According to Perfect Day, ADM's expertise in scaling fermentation production made them the *perfect* partner to help Perfect Day get their first product to market. Perfect day uses cellular agriculture to produce animalfree dairy proteins, and their first product will be an <u>animal-free whey</u> <u>protein</u> as early as next year!

EMPLOYMENT OPPORTUNITIES IN CELLULAR AGRICULTURE

- Interested in Cultured Meat Research? The University of Helsinki is seeking a 3-year grant funded researcher interested in pursuing their PhD. Led by Dr. Hannah Tuomisto, the research project revolves around estimating the environmental impacts of cultured meat via life cycle assessments. The deadline to apply for the program is December 15th.
 - In 2008, New Harvest funded the <u>first study</u> investigating the environmental impact of cultured meat production compared to conventional livestock agriculture by Hannah Tuomisto. *Ten years later*, we're excited to see the topic further discussed and researched.
- **Geltor** is looking to **expand its team** (San Leandro, CA).
- Modern Meadow is actively looking to fill a <u>number of positions</u> (Nutley, NJ).
- Perfect Day Foods is looking for a <u>Senior Process Engineer</u> (Berkeley, CA).

- New Age Meats is looking to hire a <u>Stem Cell Biologist</u> (San Francisco, CA).
- Memphis Meats currently has <u>several openings</u> (Berkeley, CA).
- **JUST** has <u>several openings in cellular agriculture</u> (San Francisco, CA).
- Is your cell ag company looking to grow? Get in touch to have your job posting shared on the New Harvest newsletter.

This mailout was written by New Harvest community member Ahmed Khan from <u>CellAgri</u>, a news and insights platform exploring the future of food with cellular agriculture. Check out CellAgri on <u>Twitter</u> and <u>Instagram</u>!

New Harvest is powered by people like you.

Donate Now!

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