

## Webinar: Synthetic Biology: Customizing Nutrients for Aquafeeds

The F3 – [Future of Fish Feed](#) and [Built With Biology](#), a SynBioBeta Company, will convene a panel of experts to discuss how synthetic biology can provide the technology and tools to help aquaculture grow sustainably. The webinar, titled “Synthetic Biology: Customizing Nutrients for Aquafeeds,” will take place on May 19 at 5:00 AM GMT/1:00 PM Beijing time.

Synthetic biology (“synbio”) is playing a role in supporting the development of durable supply chains in our food system globally, and more specifically as a platform for innovation around fishmeal and fish oil replacements and increasing plant-based diet palatability. Such technologies have the potential to deliver tailor-made nutrients to different aquaculture species according to desired nutritional profiles. In addition, the production of aromatics—the chemical precursors to palatant technology—is an area where synbio innovations could make an impact.

The full synthetic biology technology stack has the potential to rethink entirely customizable nutrients and reduce feed and production costs for fish farmers. In this session, synbio innovators will discuss their technologies and potential for progress in fishmeal and fish oil replacement.

A Q&A session with representatives from Beta Bugs, Conagen and Kepley Biosystems Inc. will follow panelist presentations.

This event is part of the 2022 webinar series hosted by the F3 Team. The webinars are free and open to everyone. For more information and to register, visit: [f3meeting.com/webinars](https://f3meeting.com/webinars).

**Moderator:** Christopher Oakes, *Head of Strategic Partnerships in Agriculture, Deep Science Ventures*

**Panelists:**

Thomas Farrugia, Ph.D., *CEO, Beta Bugs*

Yisheng Wu, Ph.D., *Senior Director, Conagen*

Anthony Dellinger, Ph.D., *President and Founding Member, Kepley BioSystems, Inc.*