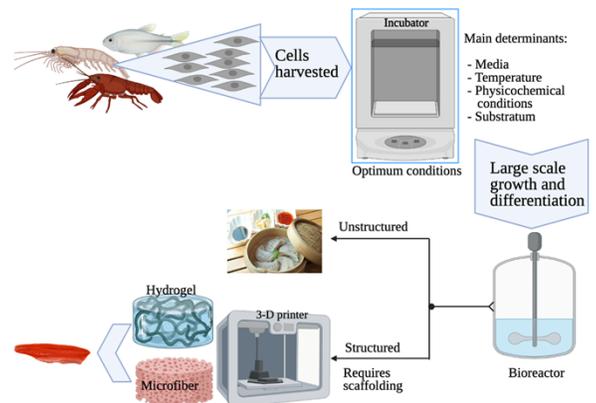


# Virtual Department Seminar Series

**UCDAVIS**  
**FOOD SCIENCE AND  
TECHNOLOGY**

## An Integrated Approach to Develop Cell-Based Seafood



### Dr. Reza Ovissi

Assistant Professor

Department of Food Science and Technology/Department of  
Biological Systems Engineering  
Virginia Tech

4:10 PM PST, Wednesday February 23, 2022

Join URL: <https://ucdavis.zoom.us/j/93150248801>

**BIO:** Reza Ovissi is an Assistant Professor in Cellular Agriculture in the Department of Food Science and Technology and the Department of Biological Systems Engineering at VT. Reza's program is FutureFoods Lab and Cellular Agriculture Initiative, focusing on Food Safety Engineering and alternative proteins, including insects, algae, plants, and cell-based seafood. Reza's cellular agriculture research focuses on cell line development, media optimization using AI, scaffold development, and training the next generation. Reza's program also supports startup companies producing cell-based meat. Before joining Virginia Tech, Reza worked as a postdoctoral fellow at UC Davis and Washington State University.

**SUMMARY:** I will present how cellular agriculture can enhance our food production systems and sustainability. Also I will be talking about the cellular agriculture challenges, and how we are trying to develop innovative approaches to address these challenges. For example, I will focus on how Artificial Intelligence could help media optimization and discovery of media formulations.