



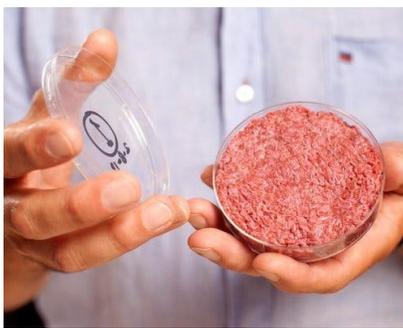
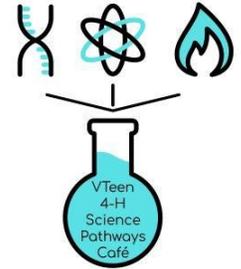
VTeen 4-H Science Pathways Café



The Science Behind Growing Meat in a Lab

Saturday, October 16, 2021, 5:00-7:00 pm
University of Vermont, Davis Center, Mansfield Dining Room
FREE pizza and drinks; Open to all youth in grades 7-12
Register@ www.uvm.edu/extension/youth/announcements
"Like" us @www.facebook.com/VTeen4HScienceCafe

Face Mask Requirements: Everyone is required to wear face coverings over their nose and mouth when inside UVM buildings, regardless of vaccination status. All users of UVM buildings must continue to monitor themselves for symptoms of COVID-19 and not come to campus, nor participate in UVM in-person activities, if they are experiencing symptoms or have tested positive for COVID-19 in the past 10 days.



Have you ever wondered if it's possible to create burgers or chicken nuggets without slaughtering animals? Or if it's possible to make your favorite ice-cream without milking cows? This is essentially what scientists are trying to do in the revolutionary new field known as Cellular Agriculture. In short, Cellular Agriculture is focused on creating products that are traditionally sourced from animals such as meat, dairy, or leather from cell cultures in a lab. These scientists combine the knowledge gained from years of research in biology, physics, chemistry, and engineering to "grow" these animal products from individual cells. In this café, you will learn more about the science behind one of the most popular Cellular Agriculture products known as cultured meat and why this technology has the potential to drastically slow down climate change and reduce animal suffering.

ABOUT OUR SPEAKER

Irfan Tahir is a 2nd year Mechanical Engineering PhD student and a New Harvest research fellow at the Engineered Biomaterials Research Laboratory (EBRL) at the University of Vermont where he is tissue engineering cultured meat on sustainably sourced and cruelty-free cell scaffolds. With a deep interest in biomaterials, Irfan also works on medical applications of tissue engineering such as improving treatments for cervical cancer or traumatic lung injuries. He is also the President of UVM's upcoming Cellular Agriculture club and an executive board member of UVM's Graduate Student Senate.

What is a Teen Science Café? It is a free, fun way for teens to explore science, engineering and technology with local scientists, engineers and technology experts. Teens participate in informal discussions and hands-on activities to learn about different topics. And, there is always free food! Planned and run by teens for teens.

Questions? Contact lauren.traister@uvm.edu

To request a disability-related accommodation to participate in this program, please contact the 4-H Office at 802-888-4972 or lauren.traister@uvm.edu by September 27, 2021 so we may assist you.



www.uvm.edu/extension/youth