

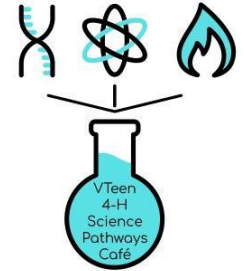


VTeen 4-H Science Pathways Café



Insulin Resistance: a Global Health Problem with a Backyard Solution?

Saturday, December 10, 2022, 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



Insulin resistance is a disorder that arises when tissues and organs stop responding to the insulin that is normally synthesized and secreted by your pancreas. As a result, these tissues and organs stop removing glucose from your blood, causing high blood sugar and a weakening of your body as a whole. Insulin resistance can lead to type 2 diabetes and Alzheimer's disease, and also has a relationship with leukemia and pancreatic cancer. With such a

terrible condition that we face, is it possible that the solution lies in some of Vermont's agricultural products? Come to this café and learn about current research and engage in some hands-on activities to see if we can discover some new therapeutics together!

ABOUT OUR SPEAKER

Chris Dieni is an Assistant Professor of Chemistry at Saint Michael's College in Colchester, Vermont. He is originally from Montreal, and has taught and researched biochemistry in the Canadian provinces of Quebec, Ontario, and New Brunswick – and the US states of Pennsylvania, Colorado, Alabama, and now Vermont. His expertise is in metabolic biochemistry, and he searches for new insulin sensitizers to counter insulin resistance.

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 no later than November 18, 2022 so that we may assist you.



www.uvm.edu/extension/youth