



VTeen 4-H Science Pathways Café



TEEN SCIENCE CAFÉ
NETWORK

Flow Cytometry Technology:

Unraveling the Complexity of Tissues, Oceans, Crops.....and Vaccines

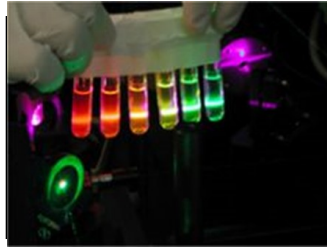
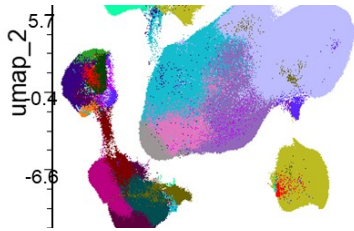
Saturday, March 25, 2023, 5:00-7:00 pm

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

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Have you ever wondered how Lake Champlain is being tested for the presence of Cyanobacteria? How farmers select the best crop of ryegrass with higher biomass yield? Do you know that to increased profitability of dairy and beef cattle production, semen is sexed? How assess if vaccine (e.g., for Covid) may protect us or not? Scientists use flow cytometry technology to address all these issues and many others! Through dynamic and fun models and games we will learn about flow cytometry technology.

ABOUT OUR SPEAKER

Roxana del Rio-Guerra is a Faculty Scientist of the Dept. of Surgery at the UVM-Larner College of Medicine. She is originally from Mexico where she completed her Master and PhD programs in Immunology. She came to UVM as a postdoctoral associate in the Immunobiology program. Roxana has been leading the Flow Cytometry Facility since 2012.

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 March 3, 2023 so that we may assist you.