



BIOGEN COMMUNITY LAB

Adventures in Biotechnology

Conduct a hands-on lab project, meet and interact with scientists and other biotech professionals, tour labs and get an inside view of a biotech company! You will not only learn about biotechnology, but you will DO biotechnology! The project involves starting with DNA that codes for blue fluorescent protein and your goal is to get purified green fluorescent protein by Friday. To accomplish this you will learn and do the following techniques: bacterial transformation, site-directed mutagenesis, protein extraction, affinity purification and PAGE.

Open to high school students currently in 9th-12th grade.

CAMBRIDGE, MA SESSIONS:

Session I: July 5-8

Session II: July 11-15

Session III: July 18-22

HOURS:

Each session meets daily from 9AM to 4PM, but only until 1PM on Friday.

COST IS FREE.

*Cambridge students in the MSYEP can get paid to attend a session. Contact MSYEP for more details.

On-line applications open on March 4th and close on March 13th. Applications can be found at www.biogen.com/communitylab