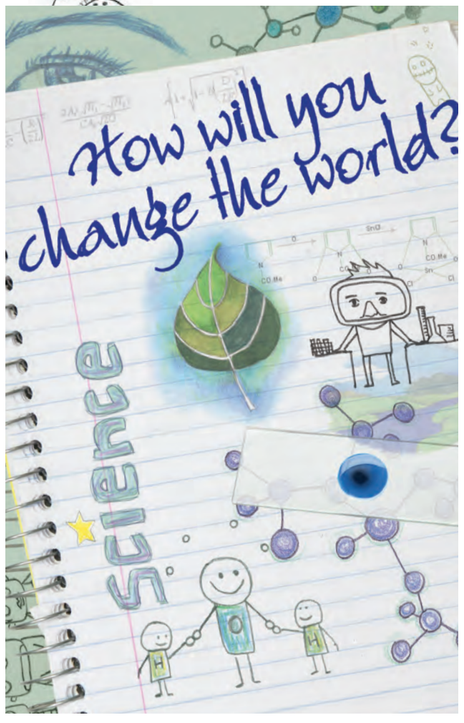

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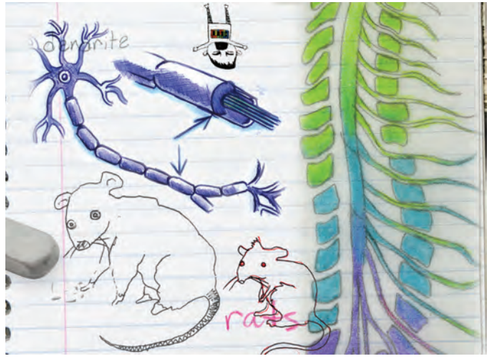
Rebecca is fighting breast cancer with juniper berries

Could a common berry have the power to combat breast cancer? Sixteen year-old high school student Rebecca Hollett set out to answer that question after learning about an elderly woman who claimed a daily cup of juniper tea helped her survive medically untreatable breast cancer.

Breast cancer is the most common cancer in Canadian women: 22,000 are diagnosed with the deadly disease each year. Rebecca realized that thousands of lives in Canada —and millions around the world—might be saved if juniper berries could be used for treatment.

She took to the lab to investigate the relationship between juniper berries and cancer cells. The more juniper extract she used, the fewer cancer cells survived—suggesting this homegrown berry might indeed be an effective new anti-cancer agent.

How other teens are using biotechnology to make a difference



Sathya is engineering a solution for spinal cord injuries

Intrigued by spinal cord injuries and fueled by a passion for engineering, 15-year-old Sathya Baskaran took on a task that has challenged the best medical researchers in Canada—the search for a treatment to paralysis. In a process called entubulation, he used hollow fiber membrane tubes to imitate bone structures, allowing paralyzed rats to move once again.

Linda is attacking Alzheimer's with rhubarb

Linda Liu's work in seniors' homes gave her first-hand exposure to the suffering caused by Alzheimer's. Through her Sanofi-Aventis BioTalent Challenge (SABC) project, the 17 year-old student showed an extract from rhubarb can help prevent the misfolding of proteins that contributes to Alzheimer's and a number of other devastating diseases.

What's the difference you want to make?

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www.sanofibiotalentchallenge.ca

Everybody wins

The **Sanofi-Aventis BioTalent Challenge** (SABC) is a national science competition open to all high school and CEGEP students in Canada. It focuses on biotechnology: the science of researching and developing biological solutions that can be applied to agriculture, the environment, medicine and many more areas that have a direct impact on people's daily lives.

That's what makes the SABC a win-win proposition: every project in every competition changes the world a little through its discoveries with the top entries earning substantial cash prizes. Since its inception the SABC has given out nearly half a million dollars in scholarships and awards.

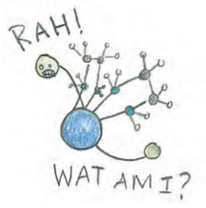
Students are free to propose their own research, to explore topics they're passionate about. They collaborate with professional mentors—real scientists in real labs—to do work that has practical, meaningful applications and sometimes even makes headlines.

How to get started

To enter the SABC, students submit their research proposals online. Projects approved by scientific evaluators are matched with mentors and given access to appropriate laboratory facilities. Regional competitions are held in March and April to determine finalists; the national competition is held at the headquarters of the National Research Council Canada in Ottawa. And it doesn't stop there! The top two national project teams earn the chance to compete in the sanofi-aventis International BioGENEius Challenge at the Biotechnology Industry Organization's (BIO) Annual International Convention.

Registering is simple

To enter, go to **sanofibiotalentchallenge.ca** and complete the online application. You'll also find more information there about the competition, how it works and who's involved.



What's in it for you

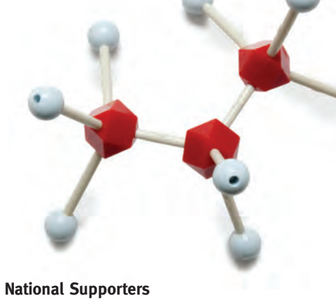
The opportunity to get **valuable experience** working with **real scientists** in **real labs.**

The possibility of **answering questions or solving problems** that you care about or have touched your life.

The chance to win **cash prizes, scholarships and more.**

Beyond the contest — biotechnology careers

Many students say taking part in the SABC gets them thinking about the prospect of a career in the bio-economy. The opportunities are almost limitless. Check out the growing list of biotechnology career profiles online in the career planning section at BioTalent Canada's website **www.biotalent.ca.**



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Canada This project is funded in part by the Government of Canada's Sector Council Program.