



The ABE program has changed the way I learn biology. Apart from studying pictures in the textbook, I am now able to work with the 'real' experiments that scientists do every day.

— Biology student, The Chinese Foundation Secondary School, Hong Kong SAR

ABE provided teachers and students with research-grade equipment and opportunities for students to conduct real-world experiments. Through the series of 6 lab sessions, the Sec 2 students discovered more about DNA and biotechnology applications while the Sec 4 students reaffirmed their biological concepts on genetics with the hands-on experiments. This program furnished the students with greater insights and perspectives on this aspect of science and technology.

— Phua Yong Yong, science teacher from Whitley Secondary School, Singapore

Amgen Foundation

The Amgen Foundation seeks to advance excellence in science education to inspire the next generation of innovators, and invest in strengthening communities where Amgen staff members live and work. To date, the Amgen Foundation has committed \$375 million to nonprofits dedicated to impacting lives in inspiring and innovative ways. In addition to the Amgen Biotech Experience, the Amgen Foundation brings the excitement of discovery to the scientists of tomorrow through several signature programs, including Amgen Scholars and LabXchange. For more information, visit www.AmgenInspires.com and follow us on www.twitter.com/amgenfoundation.

Amgen Biotech Experience

The Amgen Biotech Experience (ABE) began over 30 years ago through a unique collaboration of Amgen scientists and science educators with the vision to bring the excitement of biotechnology to secondary school students. The program has since developed a robust curriculum and expanded to multiple Amgen communities worldwide. The ABE Program Office based at Education Development Center (EDC), a global nonprofit organization with deep experience and expertise in science education, provides leadership and support to strengthen the program worldwide.

Contact Us: Program inquiries, contact Rebecca Lewis, Director, ABE Program Office, 617-969-7100 ext. 2935 or rlewis@edc.org

AMGEN® Biotech Experience

Scientific Discovery for the Classroom

Asia Pacific



Quick Facts

- Globally, the program has impacted more than **900,000 students to date**
- In a typical year, ABE reaches approximately **90,000 students and 1,500 teachers globally**
- By the end of 2023, ABE anticipates reaching **1,000,000 students** because of the Amgen Foundation's more than **\$42 million commitment** to the program
- Globally, ABE is available in the following locations: Australia, Canada, France, Germany, Hong Kong SAR, Ireland, Italy, Japan, Mainland China, the Netherlands, Singapore, Türkiye, United Kingdom, and the United States
- Program curriculum, professional development, and all materials needed are provided free of charge

Science, technology, engineering, and mathematics (STEM) are critical to the worldwide economy and a core of many industries.

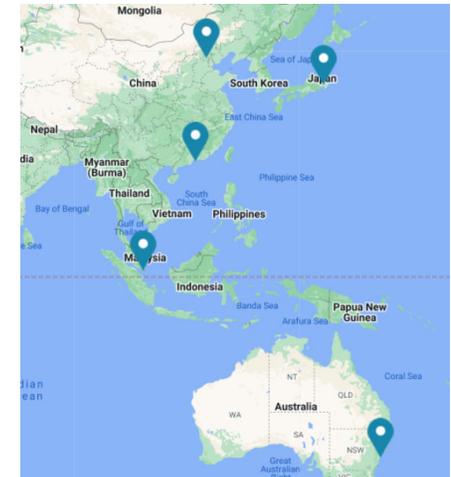
Innovative STEM education programs will maximize students' learning of knowledge and skills that can be applied to these fields. The Amgen Biotech Experience (ABE) gives students the opportunity to gain hands-on experience with many of the same techniques that biotechnology researchers use to produce cutting-edge human therapeutics.

ABE is an innovative science education program that introduces students to the importance of scientific discovery through a molecular biology learning experience that links core science concepts to real-world applications. The program provides secondary school teachers with the curriculum, professional development, and lab equipment and supplies to engage students in an exciting educational experience.

Locations

In Asia Pacific, ABE is available in the following locations:

- **Australia** (The University of Sydney)
- **Hong Kong SAR** (The Chinese University of Hong Kong)
- **Japan** (The University of Tokyo)
- **Mainland China** (Tsinghua University)
- **Singapore** (Science Centre Singapore)



Total Global Participation



more than **900,000 students**



Global Participation in a Typical School Year



90,000 students



900 schools



1,500 teachers