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 Foundation has donated over $300 million to local, regional and international nonprofit organizations that impact society 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 Amgen Teach. For more information, visit www.AmgenInspires.com and follow us on www.twitter.com/amgenfoundation.

Amgen Biotech Experience

The Amgen Biotech Experience (ABE) began nearly 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® Foundation

AMGEN® Biotech Experience

Scientific Discovery for the Classroom
Asia Pacific

www.amgenbiotechexperience.com

Quick Facts

- Globally, the program has impacted nearly **800,000 students to date**
- Each year, ABE reaches **90,000 students and 1,500 teachers globally**
- A total of **900,000 students** will have experienced hands-on biology education through ABE by 2020 because of the Amgen Foundation's **more than $25 million** commitment to the program
- Globally, ABE is available in the following regions: Australia, Canada, England, France, Germany, Hong Kong SAR, Ireland, Italy, the Netherlands, Singapore, 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.

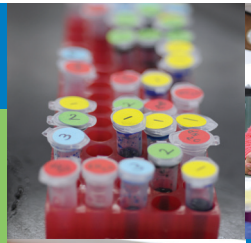
Locations

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

- **Australia** (The University of Sydney)
- **Hong Kong SAR** (The Chinese University of
- Hong Kong)
- **Singapore** (Science Centre Singapore)

Total Global Participation

~ 800,000 students



Global Participation for 2018–2019 School Year

88,298 students

853 schools

1,414 teachers