I found an excellent balance between scientific content, laboratory techniques, and teaching methods...I felt more confident in things I had never done before, not even during my university courses, such us using biotechnology lab equipment.
—Maria Angela Fontechiari, Liceo Classico Romagnosi, Parma, Italy

I participated in the program at secondary school and now I'm an assistant. As a student assistant, I would like to introduce the new techniques to the secondary students, how to make DNA visible, and how to copy. At the time, I found that very exciting. Now I would like to give this feeling to the current students.
—Program assistant and alumnus, the Netherlands

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 organisations 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 programmes, 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 programme has since developed a robust curriculum and expanded to multiple Amgen communities worldwide. The ABE Programme Office based at Education Development Center (EDC), a global nonprofit organisation with deep experience and expertise in science education, provides leadership and support to strengthen the programme worldwide.

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

AMGEN® Foundation

AMGEN® Biotech Experience

Scientific Discovery for the Classroom
Europe

www.amgenbiotechexperience.com

Quick Facts

- Globally, the programme 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 programme
- 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
- Programme 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 programmes will maximise 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 programme 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 programme provides secondary school teachers with the curriculum, professional development, and lab equipment and supplies to engage students in an exciting educational experience.

Locations

In Europe, ABE is available in the following locations:

- **England** (University of Hertfordshire)
- **France** (L'Ecole Normale Supérieure)
- **Germany** (Technical University of Munich)
- **Ireland** (University College Dublin)
- **Italy** (National Association of Natural Science Teachers - ANISN)
- **The Netherlands** (DNA-labs on the Road)

Total Global Participation

~ 800,000 students

Global Participation for 2018–2019 School Year

88,298 students

853 schools

1,414 teachers