

Can you imagine a world without medicines?

Today we have pain relief for headaches, medicines to treat heart attacks, and antibiotics to fight infection. But it wasn't always like this. Discoveries like these happen because scientists carry out experiments. Every experiment gives an answer, and often leads to many more questions. It's like being an explorer in a brand-new place!

A pharmacologist is a type of scientist who studies medicines. If you love science at school, you could become a pharmacologist too and make the medicines of the future!

Without pharmacologists we wouldn't be able to:

- Discover new medicines to help fight diseases like cancer
- Improve how a medicine works and reduce any unwanted side effects
- Understand why some medicines work better for some people than others
- Understand why some drugs can cause addiction

Find out more about where medicines come from and how you can become a scientific explorer by visiting **bps.ac.uk/science-explorer**.