

IELTS Reading practice

Filling gaps

6.

Read the following passage about the discovery of penicillin.

The discovery of penicillin is attributed to Scottish scientist Alexander Fleming. Fleming recounted that the date of his breakthrough was on the morning of September 28, 1928. It was a lucky accident: in his laboratory in the basement of St. Mary's Hospital in London, Fleming noticed a petri dish containing *Staphylococcus* culture that he had mistakenly left open. The culture had become contaminated by blue-green mould, and there was a halo of inhibited bacterial growth around the mould. Fleming concluded that the mould was releasing a substance that was repressing the growth of the bacteria. He grew a pure culture and discovered that it was a *Penicillium* mould, now known to be *Penicillium notatum*. Fleming coined the term "penicillin" to describe the filtrate of a broth culture of the *Penicillium* mould.

Fill the gaps in the summary below using words from the passage.

Alexander Fleming discovered penicillin by _____ on September 28, 1928. He found that the growth of bacteria on a petri dish was _____ by a blue-green mould that had contaminated the culture. He realized that the mould was producing a substance that was responsible for _____ bacterial growth.