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4.3 バイオ化学とは

SITUATIONAL CONVERSATION 18

A (Miwa): Lee, is it true that your older sister is a **biochemist**?

B (Lee): Yes, it is, Miwa. And she is a very good one. Because she is the **head of a research laboratory** for a large hospital in San Francisco, California.

A: Gee, Lee! That sounds impressive! What kind of research is she doing?

B: She has been doing research on **immunology**.

A: Immunology! What's that?

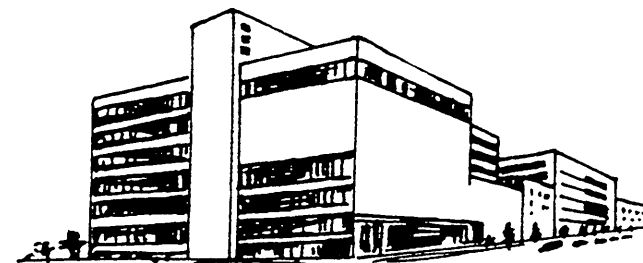
B: Immunology is the part of medical science that deals with **immunity to diseases**. Or more simply, immunity is a living creature's **defense mechanism** that tries to attack and destroy anything that **invades** or gets into it.

A: I think I see now. But why would a biochemist be better for such research than a medical doctor?

B: Probably because a biochemist would know better than a doctor what chemical substances could be safely used with **human cells**. To make the **immune protectors** react more strongly to the invaders, a doctor might not know what's best.

A: It sounds like biochemists are an important part of medical science. And they are **lifesavers** along with medical doctors.

B: That's very true. My sister wanted to be a doctor. But for **economical reasons**, she couldn't go to **medical school**. So she did the next best thing.



<input type="checkbox"/> biochemist	生化学者
<input type="checkbox"/> head of a research laboratory	研究主任
<input type="checkbox"/> immunology	免疫学
<input type="checkbox"/> immunity to diseases	病気に対する免疫
<input type="checkbox"/> defense mechanism	防衛機構
<input type="checkbox"/> invade	侵入する
<input type="checkbox"/> human cells	人間の細胞
<input type="checkbox"/> immune protectors	免疫保護組織
<input type="checkbox"/> lifesaver	人命救助をする人
<input type="checkbox"/> economical reason	経済的理由
<input type="checkbox"/> medical school	医学部

