

Lesson 5.

Biotransformation of xenobiotics in the body.

Factors affecting the metabolism of xenobiotics.

1. Write the definition of metabolism.
2. Write the definitions of Biotransformation.
3. Where does biotransformation take place?
4. What are the phases of biotransformation?
5. The first phase of Biotransformation. What reactions of the first phase of biotransformation do you know? What do they mean?
6. The second phase of Biotransformation. What reactions of the second phase of biotransformation do you know? What do they mean?
7. Write 3 examples of oxidation biotransformation reactions.
8. Write 3 examples of reduction biotransformation reactions.
9. Write 3 examples of Hydrolysis biotransformation reactions.
10. Write 1 example of the reaction of the second phase of biotransformation.
11. Factors influencing the metabolism of toxicants.