

## Lesson 15.

### **A private method for the detection and determination of the mercury ion. Organic compounds of mercury.**

1. Mercury. Toxicological significance, toxicokinetics, toxicodynamics, mechanism of toxicity, objects of research, method of isolation (DESTRUCTION), detection and quantification.
2. Detection and determination of mercury in urine.
3. Organic compounds of mercury (Ethylmercuric chloride). Toxicological significance, toxicokinetics, toxicodynamics, mechanism of toxicity, objects of research, method of isolation (extraction), detection and quantification.