

Dear student. Biochemistry is a science which studies the structure, properties and transformations of living organisms' molecules. Biochemistry currently occupies an eminent position, particularly among medical subjects. In the day-to-day life of medical students biochemistry plays a very important role as a theoretical basic of clinical medicine.

So, what do you have to do to understand biochemistry better, to learn it according to the programme and state educational standards and to pass the examination successfully? You need to work with the theoretical material on biochemistry and a laboratory manual for each class. For this you must use your professor's lectures, the textbook "Basic Medical Biochemistry" by D.B. Marks, A.D. Marks, C.M. Smith, other recommended books and our own textbook.

Each unit in our textbook starts with the name of the theme and the main questions, which will be discussed at the beginning of the unit. You will find here some information on each question, references to pages of the textbook and control tasks and exercises as well as principles and practical procedures of the laboratory manual. Control tasks and exercises can help you acquire good knowledge and skills for biochemistry and we recommend that you do them in a special copy book at home. After carrying out experiments at the laboratory you must write down the results and make your conclusion in your exercise copy book. The task for the next class (home work) is at the end of the studied theme.