



List of required and recommended literature

2. year – Dental Medicine

Medical Biochemistry	Mareková M. et al.	Medical Biochemistry – Lectures for Dental Medicine students https://portal.lf.upjs.sk/articles.php?aid=39	2025
	Mareková M. et al.	Medical Biochemistry – Seminars	2022
	Mašlanková J et al.	Practical exercises from Medical Biochemistry for students of Dental Medicine https://portal.lf.upjs.sk/articles.php?aid=93	2025
	Ferrier D	Biochemistry , 7th edition (Lippincott Illustrated Reviews)	2017
	Rodwell V. et al.	Harper's Illustrated Biochemistry, 31st edition	2018
	Baynes J.W. and Dominiczak M.H.	Medical Biochemistry (Elsevier)	2018
	Salway J.G.	Metabolism at a Glance (Wiley & Sons)	2017
	Salway J.G.	Medical Biochemistry at a Glance (Wiley/Blackwell)	2012

Required study literature is written by **bold font**.

Many books also available as **e-books**.

Medical Biochemistry – Lectures for students of Dental Medicine

prof. Ing. Mária Mareková, CSc., doc. Ing. Katarína Dubayová, PhD., doc. RNDr. Marek Stupák, PhD., doc. doc. Mgr. Peter Urban, PhD.:

Medical Biochemistry has an irreplaceable role in study of Dental Medicine. The students should learn about biochemical reactions taking place in the human body. The knowledge will help them better understand processes take place in the mouth. In firsts semester is study concentrated to metabolic processes connected with metabolism of nutrients (e.g. saccharides, lipids, proteins, nucleic acids). In second semester is teaching focused to study metabolism of organs (e.g. liver, kidney), hard tissue and to oral biochemistry and pathobiochemistry (e.g. dental plaque, tooth decay and tartar). <https://portal.lf.upjs.sk/articles.php?aid=39>



Practical exercises from Medical Biochemistry for students of Dental Medicine

RNDr. Jana Mašlanková, PhD., doc. Mgr. Peter Urban, PhD., doc. RNDr. Vladimíra Tomečková, PhD., doc. RNDr. Marek Stupák, PhD., prof. RNDr. Miroslava Rabajdová, PhD., prof. Ing. Mária Mareková, CSc.:



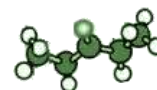
he laboratory manuals are developed to the foreign students of medicine for practical laboratory exercise and verification of knowledge from medical biochemistry. Exercises are gathered into bigger groups by topics. Exercises are arranged into weeks, like it is in Syllabus (ST and WT) of Lectures and practical exercises. Student can apply their manual skill in performing of the experiments, and also train their ability in evaluation of results.

<https://portal.lf.upjs.sk/articles.php?aid=93>

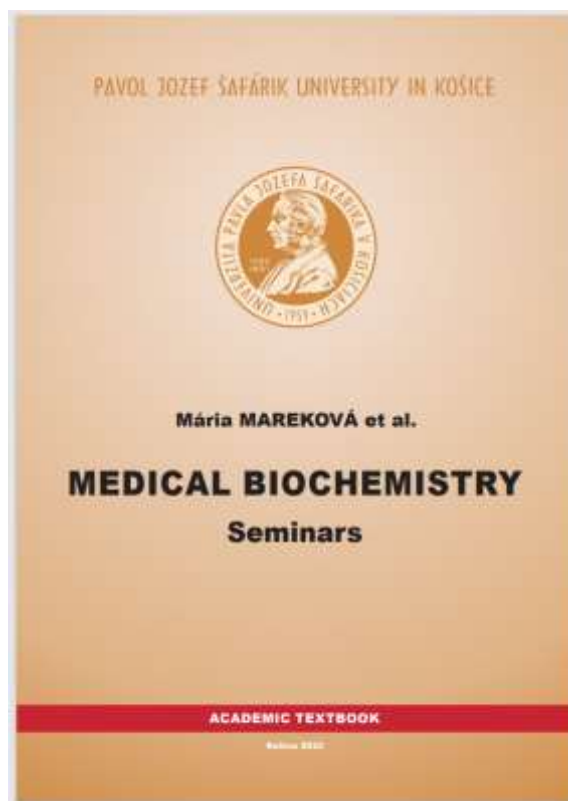
Revised and supplemented first published version “Practical exercises from biochemistry”.

Authors: Tomečková V., Kron I., Mareková M.

Pavol Jozef Šafárik University in Košice, Košice 2011, ISBN 978-80-7097-874-0.



Medical Biochemistry – Seminars



Older edition of Seminars from Medical Biochemistry

