

Dentistry**ZLBC041c**

Week	Date	Experiments
3	4. 3.	Directions for laboratory work. <u>Investigation of glucose metabolism</u> 1.1 Investigation of glucose metabolism 1.2 Enzymatic determination of plasma glucose 1.3 Determination of glycaemia by personal glucometer 1.4 Test for glucose in urine 1.5 Test for ketone bodies in urine
6	25. 3.	<u>Investigation of hard tissues</u> 2.1 Determination of calcium in serum 2.2 Determination of total ALP catalytic concentration and bone ALP isoform catalytic concentration
9	15. 4.	<u>Investigation of saliva</u> 3.1 Investigation of salivary secretion rate 3.2 Estimation of salivary buffering capacity 3.3. Detection of selected organic compounds in saliva 3.4. Detection of α -amylase in saliva and its substrate specificity
13 -14	11. 5. – 22. 5.	Compensatory lessons. Credits.

Recommended literature:

Biochemistry-Practicals: Information system of MU (is.muni.cz) - Study materials

Conditions for giving the course-unit credit

- Full (100%) attendance in labs is the principal condition.
If any absence, it must be apologized through Department of Study Affairs **up to five days**.
If apology is recorded in Information System (IS), then student is allowed to make up the absence according to teacher's instructions.
- Presentation of all lab reports to the teacher

Deadline for any issue (making up all missing and justified lessons, completion of all lab reports and handing them to the teacher) **is 11. 6. 2015.**

Students that will not meet this requirement will not be given the course-unit credit.

Obtaining of course-unit credits of practices is the pre-requisite for registration to the examination of Biochemistry II.