

# BIOCHEMISTRY

2<sup>nd</sup> year - DENTISTRY - winter semester 2017/2018

## Laboratories and Seminars

Thursday 8:00 – 10:30

	Subgroup A	Subgroup B	Téma
1.	5.10.	12.10.	<i>Blood plasma proteins</i> Estimation of total protein in blood serum by biuret reaction Estimation of albumin in blood serum Estimation of C-reactive protein (CRP) Electrophoresis of blood plasma proteins, dysproteinemias
2.	19.10.	26.10.	<i>Lipids</i> Estimation of total cholesterol in blood serum Estimation of HDL cholesterol in blood serum Estimation of triglycerides in blood serum
3.	2.11.	9.11.	<i>Glucose, non-protein nitrogen compounds</i> Estimation of glucose in blood serum Estimation of glucose in capillary blood using glucometer Estimation of urea in blood serum Estimation of uric acid in blood serum
4.	16.11.	23.11.	<i>Bilirubin, jaundice</i> Determination of the total and conjugated bilirubin
5.	30.11.		<b>CREDIT TEST I</b> - blood examination - metabolism of amino acids - biochemistry of nucleic acids
6.	7.12.	14.12.	Ionic composition of blood plasma Acid-base balance
-	21.12.		Consultations
7.	4.1. 11.1.		<b>CREDIT TEST II</b> - ABB - ions in blood plasma - biochemistry of connective tissue  Credits, substitutions

**Manuals:** Clinical Chemistry and Enzymology - Laboratory Manual

### Requirements for the credit:

1. Attendance at the seminars and laboratories.
2. Completed lab reports.
3. All the tests successfully passed. The number of attempts is limited to three per test!