

Biochemistry seminar II (AOK-KA1632, FOG-KAC112)

Compulsory elective subject

2nd year medical and dentistry students

2011/12 II. semester 2 hours lecture/week

2 credit

Written exam- 5 graded evaluation

Director of the course: dr Dux László prof., PhD, habil.

Organizer of the course: dr. Görbe Anikó – educational adviser

Visiting of the course is obligatory for the students.

Place of the course: Nagyoktatási Lecture Hall

Time of the course: Tuesday 16.00-18.00

Program

1. (Feb 7) **General information** (A Görbe)
2. (Feb 14) **Biochemistry of blood** (pathobiochemistry of plasma proteins and biochemical background of blood coagulation) (L Dux/A Keller)
3. (Feb 21) **Biochemistry of blood** (transport of bilirubin and its pathobiochemistry) (J Márki-Zay)
4. (Feb 28) **Biochemistry of blood** (ion determination and blood-gas analysis) (A Görbe)
5. (Mar 6) **Pathobiochemical aspects of connective tissue.** (M Keresztes)
6. (Mar 13) **Biochemical background of risk factors of cardiovascular diseases.** (A Görbe)
7. (Mar 20) **Pathobiochemical aspects of adhesion receptors and cytoskeleton.** (M Keresztes)
8. (Mar 27) **Pathobiochemistry and diagnostics of liver.** (J Márki-Zay)
9. (Apr 3) **Biochemistry of vision. Biochemistry and diagnostics of neurotransmitters.** (L Mendler)
10. ----- (vacation)
11. (Apr 17) **Pathobiochemistry and diagnostics of diabetes mellitus.** (A Görbe)
12. (Apr 24) **Biochemistry of nutrition** (M Keresztes)
13. (May 1) **Signaling** (L Mendler) - cancelled
14. (May 8) **Molecular biology diagnostics** (J Márki-Zay)
15. (May 15) **Exam** (A Görbe/M Keresztes)