

Dear Dentistry Student!

You have recently registered for the course of „Immunology” offered for the first semester of Academic year 2017/2018. I would like to inform you about the requirements of this course.

Seminars

Seminars will be held from week 1 through week 15, two seminars a week, separated in four groups.

Gr. 13-16:

- Tuesday: 17:00-19:00

Gr. 17-20:

- Wednesday: 17:00-19:00

Gr. 21-24:

- Wednesday: 10:00-12:00

Gr. 25-24:

- Wednesday: 8:00-10:00

Seminars include subject areas of both basic and clinical Immunology

- Lectures of weeks 1-4: Essential immunology. Basic concepts, definitions
- Lectures of weeks 5-10: Functions of the innate and the adaptive immune systems; immune recognition and effector mechanisms.
- Lectures of weeks 11-14: Clinical immunology, immunopathology.

Lecture materials and other information concerning education can be found on our website at <http://immunology.med.unideb.hu/> by clicking the link “For Students”; and at <https://elearning.med.unideb.hu/> after login you have to go to:

1. Course categories: Faculty of Medicine – Department of Immunology.
2. Choose the course, which curriculums you want to study and enrol yourself in the course.

On Both website access to lecture material (downloads) will require an ID and a password.

- ID: *your eduID*
- Password: *your eduID password*

Participation in the Seminars is compulsory. The Department shall refuse to sign the students' Lecture book if he/she is absent from more than three seminars during semester. However, students can make up for a missed seminar with another group; yet, only on the same week. Making up for a seminar should be communicated to both seminar teachers prior to the seminar.

Changing of the seminar group is allowed only during the first two weeks of the Semester and requires permission from the Department. For permission please write to *Dr. Gábor Koncz* (responsible for educational affairs) or to *Prof. Tamás Bíró* (Head of Department). Hand in your letter to *Andrea Rácz Dajkáné* in the department's office (room 2.207).

Self control tests (SCTs), offered grades, end-term exam

During the semester three self control tests (SCT) will be organized (on weeks 5, 10 and 15).

- The first SCT *on week 5* contains the material of the seminars of weeks 1-4. To ensure a solid basic knowledge of immunology, students must score higher than 60% to qualify for the 2nd and 3rd SCT, hence for an offered grade.
- The 2nd SCT *on week 10* contains the material of seminars 5-9.

- The 3rd SCT *on week 15* the material of seminars 10-14.

If a student's score for the 1st SCT is higher than 60% and the average of the 2nd and 3rd SCT is higher than 50%, she/he will be offered a grade. Should the student accept this offered grade, she/he will be exempted from the end-term exam.

The offered grades are calculated by the following algorithm, based on the cumulative percentage points of the three SCTs (i.e. 300 points maximum).

- 160 – 204: pass (2)
- 205 – 239: satisfactory (3)
- 240 – 269: good (4)
- 270 – 300: excellent (5)

Those students who have not qualified for an offered grade must take the end-term exam during the exam period. The end-term exam consists of a written and an oral part.

- "A" exam: To qualify for the oral part of an "A" exam, students must score higher than 70% on the written (entry) exam. Students who score less than 70% on the written part will fail (thus, the oral exam will not take place).
- "B" exam: "B" exams are identical to "A" exams except when the student failed the oral, but not the written, part of the "A" exam. With a score of higher than 70% on the written part of the "A" exam, the student is exempt from the written exam on the "B" exam.
- "C" exam: "C" exams are oral exams only, without a written entry test.
- Those students who would like to improve the grade of a successful ("A" or "B" exam) or do not accept the offered grade, are also exempted from the entry test.

SCT dates, time and syllabus

Test I: week 5 - Friday, 13th of October 3:00 pm

Test II: week 10 - Friday, 17th of November 3:00 pm

Test III: week 15 - Thursday, 21st of December 2:00 pm

Syllabus for the Test I.:

- Elements of the immune system.
- The structure of lymphoid tissues, primary and secondary lymphoid organs.
- Components and cells of the innate response.
- Characteristics and function of the innate immune response.
- B- lymphocytes.
- An introduction to antibody structure and function.
- T-lymphocytes.
- Antigen presentation, T cell types.

Syllabus for the Test II.:

- Inflammation and the acute phase response. Mucosal immune system.
- The polymorphism of MHC molecules, structure and function of proteins encoded by the major histocompatibility (MHC) gene complex.
- Naive and effector T cells, Functions of T lymphocytes.
- Antigen-dependent differentiation of B-lymphocytes.
- The molecular basis of antigen recognition by B and T lymphocytes.
- B and T cell development.

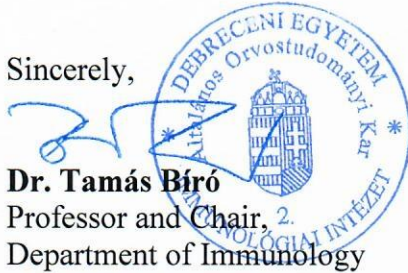
Syllabus for the Test III.:

- The development of immunological memory.

- Immunotolerance.
- The immune response to intracellular pathogens.
- The immune response to extracellular pathogens.
- Oral inflammatory diseases.
- Hypersensitivity reactions, allergy.
- Mechanisms of the development of autoimmune diseases.
- Oral manifestation of autoimmune diseases.

On behalf of the Faculty and Staff of the Department of Immunology I wish you a pleasant Semester and success with your studies!

Sincerely,



Dr. Tamás Biró
Professor and Chair,
Department of Immunology

11th September 2017.