

**Syllabus**  
Pathological Physiology 1  
Winter Semester 2021/2022  
**Week 14**

**General Medicine**

**A. Lecture**

1. **Cellular pathophysiology II**

- Cell death, necrosis, apoptosis
- Degeneration, dystrophy

**B. Seminars according to schedules on department webpage (patfyz.medic.upjs.sk)**

1. **S:** Semester work consultations
  - Semester evaluation
  - Credits
2. Examination of knowledge (quiz, oral examination)
3. Presentations of the selected topics according to the group schedules

**Dental Medicine**

**A. Lecture**

1. **Oral health III.**

- Typical pathological processes in oral medicine
- Ontogenesis in oral cavity

**B. Seminars according to schedules on department webpage (patfyz.medic.upjs.sk)**

1. **S:** Semester work consultations
  - Semester evaluation
  - Credits
2. Examination of knowledge (quiz, oral examination)
3. Presentations of the selected topics according to the group schedules

**Seminars (S)** = special topics for discussion; **Tutorials & homeworks & exams (T)** = discussions, consultations, oral and quiz exams on the current topics.

**Note:** The range of topics and their time-table during the tutorials and seminars in each group is determined by the teacher and to a large extent, by the presentations, consultation interests, questions and readiness of the group and may vary in between groups. Neither tutorials nor seminars are lectures, but dialogue and discussion and thus require an active participation and preparation of students for the topics.

**Recommended audiovisual materials**

- Apoptotic Pathways <https://www.youtube.com/watch?v=SyvOPXeg4iq>
- Necrosis : cellular mechanism and types <https://www.youtube.com/watch?v=8d9pssCEdxk>
- Autophagy, definition, mechanisms, Macroautophagy <https://www.youtube.com/watch?v=3XMO5n2lqeY&t=26s>
- The Role of the C1-Esterase Inhibitor in hereditary angioedema [https://www.youtube.com/watch?v=d\\_2stYfwAog&t=124s](https://www.youtube.com/watch?v=d_2stYfwAog&t=124s)
- Development of the Teeth <https://www.youtube.com/watch?v=SCP38Mrccsl>
- Tooth Development <https://www.youtube.com/watch?v=xrebAYBnKw0>