

Faculty of Medicine in Rijeka

**Curriculum  
2022/2023**

For course

**Skin - the Largest Organ of the Body**

Study program:	<b>Medical Studies in English (R)</b> (elective) University integrated undergraduate and graduate study
Department:	<b>Department of Anatomy</b>
Course coordinator:	<b>prof. dr. sc. Starčević - Klasan Gordana, dr. med.</b>
Year of study:	<b>1</b>
ECTS:	<b>1.5</b>
Incentive ECTS:	<b>0 (0.00%)</b>
Foreign language:	<b>No</b>

## **Course information:**

The skin is the largest sensory organ of our body and its basic function is to protect our body from the external environment. The skin has many functions, such as retaining fluid and preventing dehydration of the body, protection against the invasion of various pathological microorganisms, regulation of body temperature. Furthermore, skin acts as a receptor for the sensation of touch, pain, pressure, temperature, participates in the synthesis of vitamin D, which is important for bone health and function of the immune system. The mechanism of wound healing and the role of fibroblasts in this process will be presented in a way appropriate for 1st year students. Since aging is a process that concerns not only the female but also the male population today, students will be familiar with the basic mechanisms of skin aging and the changes that occur as a result, and through active workshops and discussions, they will try to come to a conclusion as to whether this process can be slowed down. The existence of stem cells in the skin will be presented in a special way adapted to students of the 1st year of study, and the importance of knowing these cells and their role in the treatment of wounds and burns on the skin will be brought closer to the students through concise and adapted lectures.

## **List of assigned reading:**

Bobinac D, Dujmović M: Osnove anatomije. Rijeka: Glosa, 2003.

Bajek S, Bobinac D; Jerković R, Malnar D, Marić I: Sustavna anatomija čovjeka. Digital point tiskara d.o.o.: Rijeka, 2007.

Xu RX: Burns regenerative medicine and therapy. Basel: Karger, 2004.

Warburton D: Stem cells, tissue engineering and regenerative medicine. New Jersey: World scientific publishing. 2015.

## **List of optional reading:**

## **Curriculum:**

## **Student obligations:**

**Obavezno je prisustvovanje na svim oblicima nastave. Nadalje, studenti su obavezni služiti se zadanom literaturom i aktivno sudjelovati u nastavi. Studenti će imati obavezu izrade seminarskog rada na temu zadanu od voditelja kolegija.**

## **Exam (exam taking, description of the written/oral/practical part of the exam, point distribution, grading criteria):**

## **Other notes (related to the course) important for students:**

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## **COURSE HOURS 2022/2023**

Skin - the Largest Organ of the Body

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## **List of lectures, seminars and practicals:**

## **EXAM DATES (final exam):**

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