

Medicinski fakultet u Rijeci

**IZVEDBENI NASTAVNI PLAN  
2022/2023**

Za kolegij

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

Studij:	<b>Medical Studies in English (R)</b> (izborni) Sveučilišni integrirani prijediplomski i diplomski studij
Katedra:	<b>Zavod za anatomiju</b>
Nositelj kolegija:	<b>prof. dr. sc. Starčević - Klasan Gordana, dr. med.</b>
Godina studija:	<b>1</b>
ECTS:	<b>1.5</b>
Stimulativni ECTS:	<b>0 (0.00%)</b>
Strani jezik:	<b>Ne</b>

## **Podaci o kolegiju:**

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.

## **Popis obvezne ispitne literature:**

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.

## **Popis dopunske literature:**

## **Nastavni plan:**

## **Obveze studenata:**

**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.**

**Ispit (način polaganja ispita, opis pisanog/usmenog/praktičnog dijela ispita, način bodovanja, kriterij ocjenjivanja):**

**Ostale napomene (vezane uz kolegij) važne za studente:**

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## **SATNICA IZVOĐENJA NASTAVE 2022/2023**

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**Popis predavanja, seminara i vježbi:**

**ISPITNI TERMINI (završni ispit):**

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