

# **ELECTIVE COURSES- MEDICINE IN ENGLISH ACADEMIC YEAR 2021/2022**

## **3<sup>rd</sup> YEAR**

### **FIRST BLOCK- WINTER SEMESTER (04/10/2021-19/11/2021- 7 weeks)**

1. Additive technology  
(Assistant Professor Sven Maričić, PhD)
2. Evidence based medicine  
(Assistant Professor Martina Mavrinac, PhD)
3. High throughput methods of proteomics and genomics in medical diagnostics  
(Assistant Professor Ivana Mihalek, PhD)
4. Life-Threatening Plants and Animals of our Region  
(Associate Professor Nada Starčević-Čizmarević, PhD)

### **SECOND BLOCK- WINTER SEMESTER (22/11/2021-23/12/2021- 5 weeks) (11/01/2022-28/01/2022- 3 weeks)**

1. Cell Growth and Cell Cycle Regulation in Physiological and Pathological Conditions  
(Full Professor Siniša Volarević, MD, PhD)
2. Radiation Protection of Population and Environment from Ionizing Radiation  
Originating from Radionuclides in Medicine  
(Associate Professor Tatjana Bogović Crnčić, MD, PhD)
3. Precancerous Breast Disease  
(Assistant Professor Manuela Avirović, MD, PhD)

## **THIRD BLOCK- SUMMER SEMESTER**

**(28/02/2022-15/04/2022- 7 weeks)**

1. The Role of HLA Genes in Organ Transplantation and Diagnostics of Autoimmune Diseases  
(Full Professor Sanja Balen, MD, PhD)
2. Robotics in medicine  
(Assistant Professor Sven Maričić, PhD)
3. Methods of protein immunoanalysis  
(Full Professor Tihana Lenac Roviš, PhD)
4. Local anesthetics and immune system  
(Assistant Professor Miroslav Župčić, MD, PhD)
5. COVID-19: new pathophysiological noxa  
(Full Professor Ines Mrakovčić-Šutić, MD, PhD)

## **FOURTH BLOCK- SUMMER SEMESTER**

**(19/04/2022-10/06/2022- 8 weeks)**

1. Applied Microbiology  
(Full Professor Marina Šantić, PhD)
2. Cardiovascular Biomarkers – from Molecules to Clinical Practice  
(Assistant Professor Teodora Zaninović-Jurjević, MD, PhD)
3. Immunity and aging  
(Assistant Professor Ilija Brzić, PhD)