

CURRICULUM VITAE

PERSONAL INFORMATION

Name and surname: Marko Grahovac

Date and place of birth: October 2, 1994, Split, Republic of Croatia

E-mail address: marko.grahovac@mefst.hr

EDUCATION

- 2020. - today Postgraduate doctoral study Biology of Neoplasms
- 2013. – 2019. University of Split School of Medicine, medical doctor

WORK EXPERIENCE

- 01/2020. – today Assistant at the Department of Basic and Clinical Pharmacology of the University of Split School of Medicine
- 09/2019. – 01/2020. Medical doctor at general medicine practice

ACTIVITIES

- 2022. – today Member of the Faculty Council of the University of Split School of Medicine
- 2018. – 2019. Member of the Ethics Committee of the University of Split School of Medicine

COURSES AND CONFERENCES

- 09/2022. – 10th Croatian Congress of Pharmacology and 1st Croatian Congress of Clinical Pharmacology with International Participation
- 06/2022. – "Dijabetes - od teorije do prakse" course
- 10/2021. – Course in advanced life support measures in the organization Croatian Resuscitation Council
- 02/2020. – "Kardiometabolički poremećaji – od teorije do prakse" course

SCIENTIFIC INTEREST

Marko Grahovac has been working as an assistant at the Department of Basic and Clinical Pharmacology since January 2020, and has been involved in research on experimental model of rat cardiomyocyte isolation in the Laboratory of Cell Physiology. The main subject of research is molecular processes present in ischemic heart disease, as well as different possibilities of cardioprotection. The topic of his doctoral research is the mechanism of the cardioprotective effects of wine and its ingredients on ischemic heart muscle injury in rats. He also actively participated in clinical research on the connection between diabetes and the Mediterranean diet. As a result of that research, in collaboration with the Department of Pathophysiology, a scientific paper was published (World J Diabetes. Nov 15, 2021; 12(11): 1942-56), on which he is the first author.

SCIENTIFIC PUBLICATIONS

- 1) **Grahovac M**, Kumric M, Vilovic M, Martinovic D, Kreso A, Ticinovic Kurir T, Vrdoljak J, Prizmic K, Božić J. Adherence to Mediterranean diet and advanced glycation endproducts in patients with diabetes. World J Diabetes. **2021** Nov 15;12(11):1942-1956. doi: 10.4239/wjd.v12.i11.1942.

CONGRESS ABSTRACTS

- 1) Mornar M, Filipović N, **Grahovac M**, Gujinović D, Dželalija AM, Grković I, Boban M, Mudnić I. Is vascular responsiveness of the isolated rat aorta affected by 4 weeks of moderate standard and macerated white wine consumption? 10th Croatian Congress of Pharmacology and the 1st Croatian Congress of Clinical Pharmacology with International Participation, Opatija, rujan **2022** (poster presentation).
- 2) Benzon B, Mastelić A, **Grahovac M**, Matijević J, Marinović Ljubković J, Ljubković M, Mudnić I, Grković I, Boban M. Effect of moderate white wine consumption on the expression of hsp70, gpx, cat and nqo1 in rat cardiomyocytes. 10th Croatian Congress of Pharmacology and the 1st Croatian Congress of Clinical Pharmacology with International Participation, Opatija, rujan **2022**.