

1	PERSONAL INFORMATION	
	First name and last name:	Karlo Miškec
	Researcher ID*:	417685
	Website (ORCID and / or CROSBJ):	36960
2	EDUCATION	
	Year	2020-2023
	Institution:	Faculty of Science, University of Zagreb
	Year	2023
	Institution:	GENOS d.o.o.
3	EMPLOYMENT	
	Year - now - position	2024-today: senior research assistant
	Institution	Faculty of Science, University of Zagreb
4	<p>Miškec K, Frlin M, Šola I (2025) Impact of Different Thermal Processing Techniques on the Phytochemical Composition, Antioxidant Capacity, and DNA-Protective Properties of Broccoli. <i>Applied Sciences</i>; 15, 7469. DOI: https://doi.org/10.3390/app15137469. IF (2021): 2.5 IF (5-year): 2.7 Quartile: Q1 ; Engineering, Multidisciplinary.</p> <p>Šola I, Gmižić D, Miškec K (2025) Impact of Water Stress on Metabolic Intermediates and Regulators in Broccoli Sprouts, and Cellular Defense Potential of Their Extracts. <i>International journal of molecular sciences</i>; 26 (2), 632. DOI: https://doi.org/10.3390/ijms26020632. IF (2021): 4.9 ; IF (5-year): 5.6; Quartile: Q2 ; Molecular Biology.</p> <p>Frkatović A, Mijakovac A, Miškec K, Nostaeva A, Sharapov SZ, Haller T, van der Akeer E, et al. (2023) Mapping of the gene network that regulates IgG galactosylation. <i>Aging (Albany NY)</i>; 26 (15), 14509-14552. DOI: doi: 10.18632/aging.205106. IF (2021): 5.95, Quartile: Q1 ; Cell Biology.</p> <p>Jagić M, Vuk T, Škiljaica A, Markulin L, Vičić Bočkor V, Tokić M, Miškec K, et al. (2022) BPM1 regulates RdDM-mediated DNA methylation via a cullin 3 independent mechanism. <i>Plant Cell Reports</i>; 41 (11), 2139-2157. DOI: 10.1007/s00299-022-02911-9. IF (2021): 4.964 ; IF (5-year): 5.004 ; Quartile: Q1 ; Plant Sciences.</p> <p>Mijakovac A, Jurić J, Kohrt WM, Krištić J, Kifer D, Gavin KM, Miškec K, et al. (2021) Effects of estradiol on immunoglobulin G glycosylation: mapping of the downstream signaling mechanism. <i>Frontiers in Immunology</i>; 25 (12), 680227. DOI: 10.3389/fimmu.2021.680227. IF (2021): 8.787 ; IF (5-year): 8,877 ; Quartile: Q1 ; Immunology.</p>	
5	<p>Rewards:</p> <ol style="list-style-type: none"> 1. ASHG 2022 - Reviewers' Choice Abstracts: abstract in the top 10% of poster abstracts (Frkatović et al. 2022) 2. Young Investigator Award for best written Abstract (ISABS congress 2022) 3. Dean's faculty award for the best student of molecular biology (2019) <p>Memberships:</p> <p>Hrvatska udruga genetičkih inženjera - HUGI.</p> <p>Hrvatsko društvo za biljnu biologiju - HDBB.</p> <p>Hrvatsko mikroskopijsko društvo - HMD.</p>	
6	MENTORSHIPS OF DOCTORAL STUDENTS AND POST-DOCTORAL STUDENTS (if the employee is a commentator) - if applicable	
	Number of theses defended / number of doctoral dissertations defended / number of post-doctoral fellows	1
	Institution	Faculty of Science, University of Zagreb

