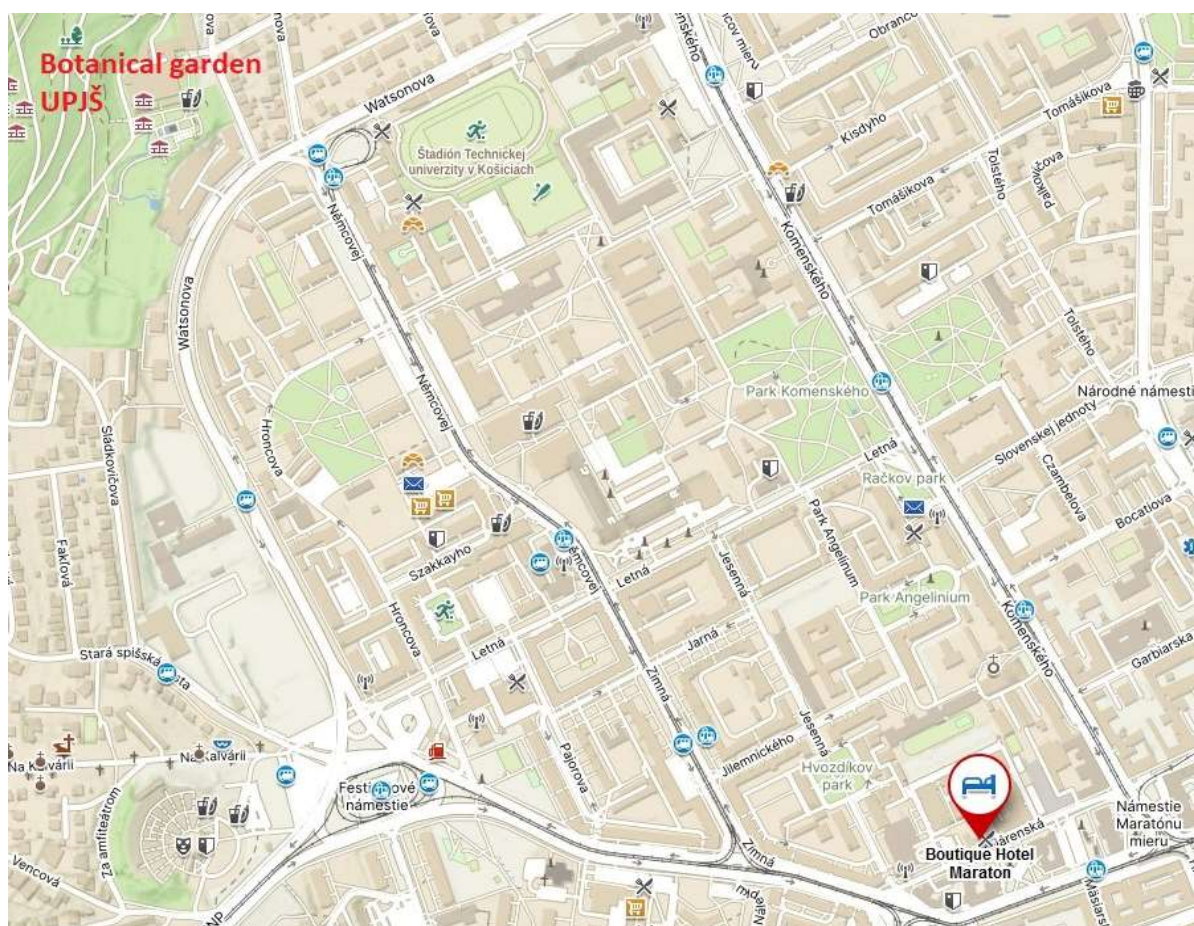


Workshop 4 CYAN META



Faculty of Plant Biology, Pavol Jozef Šafárik University in Košice
Mánašova 23, 040 01 Košice, Slovakia

• Visegrad Fund



Boutique Hotel Maraton

Strojárska 11, 040 01 Košice, Slovakia

[Strojárska 1083/11, 040 01 Košice](https://www.hotelmaraton.sk)

<https://www.hotelmaraton.sk>

Training and lectures

12th of September 2024

Location: department auditorium BZ1, Mánesova 23, 1th floor

Schedule	Presenter	Details
Part 1 9:30 - 10:45	Dajana Kecsey	Welcome coffee and introduction
	Dajana Kecsey	Exploring the protein landscapes of cryptogams Assistant person: Deepti Routray
Coffee break 10:45 - 11:00		
Part 2 11:00 - 11:45	Dajana Kecsey	Photoprotective and antioxidant properties of scytonemin isolated from Antarctic cyanobacterium <i>Nostoc commune</i>
Lunch break 12:00 - 13:15		
Part 3 13:15 - 14:15	Dajana Kecsey	Role of the botanical garden in university research: Commentary on the history and present state of the Botanical Garden in Košice Assistant person: Martin Pizňak
Coffee break 14:15 - 14:30		

Part 4 14:30 - 16:45	Richard Frenák	Introduction to lab work. Cyanobacteria and algae cultivation in vitro. Assistant person: Deepti Routray
	Richard Frenák	Isolation and determination of metabolites in cyanobacterial tissues by TLC and HPLC – Practical tasks
	Richard Frenák	Summary of results and discussion
Dinner 17:30		
18:30 Košice sightseeing		

Lectures

13th of September 2024

Location: department auditorium BZ1, Mánesova 23, 1th floor

Schedule	Presenter	Details
Part 1 9:00 - 9:45	Martin Bačkor	Cyanobacteria and algae from extreme areas as a source of bioactive substances and their adaptation to abiotic stress
Coffee break 9:45 - 10:00		
Part 2 10:00 - 10:45	Richard Frenák	Isolation and identification of biologically and ecologically important cyanobacterial compounds – theoretical part
Coffee break 10:45 - 11:00		
Part 3 11:00 - 12:30	Martin Bačkor	Phytochemistry and its application in natural sciences Assistant person: Michal Goga
	Dajana Kecsey	General discussion and workshop wrap-up Assistant person: Michal Goga
Lunch break 13:00 - 14:00		
Departures 14:00		