

BiorA

CROATIA, 2024

CONFERENCE & SCIENTIFIC MISSION

Preliminary program

- Arrival to Zagreb ✓ MAY 28
- Symposium at the Faculty of Science ✓ MAY 29
- Tour of Uni and city, Gala dinner ✓ MAY 30
- Plitvice National Park & island of Zlarin ✓ MAY 31
- Environmental sampling: land & sea ✓ JUNE 1
- Workshop ✓ JUNE 2
- Poster session & end of symposium ✓ JUNE 3
- Return to Zagreb ✓ JUNE 4

Organised:

CONFERENCE CHAIR

Prof. Robert S. Marks,
Ben Gurion University of
the Negev, Israel

HOST AND CO-CHAIR

Prof. Tomislav Ivankovic
University of Zagreb,
Croatia

Uncork the Fun: Wine Tasting Competition!



[Vrbnicka Žlahtina](#)



[Plavac mali](#)



[Istarska Malvazija](#)

MAY 30 Zagreb: Gemišt tasting

19:00

- [Gemišt](#) tasting is inspired by the most famous Croatian movie "[One Song a Day Takes Mischief Away \(1970\)](#)" and we will be going to the original bar that the characters from the movie were drinking at.

JUNE 1 Zlarin Island: Wine tasting

19:00

- Movie projection at the island.
- Diverse bottles will be brought from Israel, Croatia, Albania, etc. An elected jury will determine the best wines!

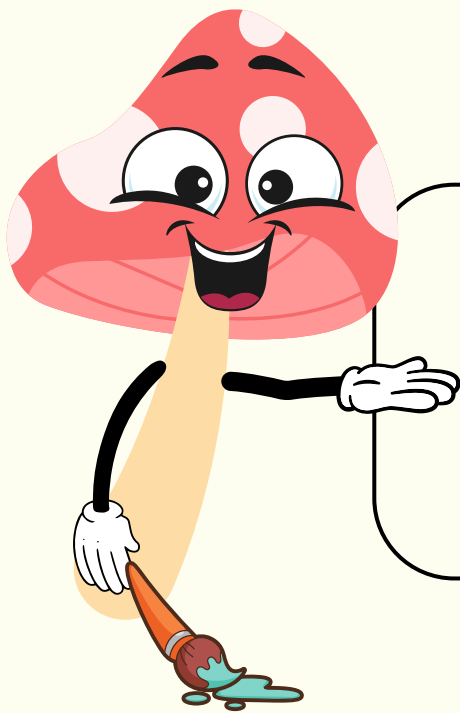




ART COMPETITION

Fungi & Biotechnology

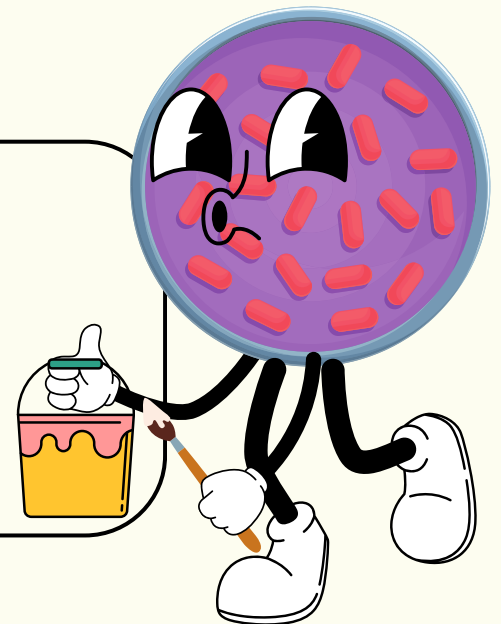
All the participants are encouraged to enter the Art competition, drawings, paintings, photos, anything related to microbiology: bacteria, viruses, fungi/mushrooms, algae, archaea, protozoa....anything you like and admire!



DATE & PLACE:

JUNE 3, 2024

Zlarin, Croatia



**ART COMPETITION COMMITTEE:
DR. MARISA MANZANO**

Art: any medium, preferably B2 size

**Bio-X Croatia & scientific mission,
from 28th May to 4th June 2024, Zagreb and Zlarin**

Bio-X

CROATIA, 2024

PRELIMINARY PROGRAMME

TUESDAY 28th May

○ ARRIVAL TO ZAGREB

○ REGISTRATION

- Full registration (Zagreb-Zlarin) is 400 EUR.
- Partial registration (Zagreb symposium) is 200 EUR.
- Registration form should be sent to tomislav.ivankovic@biol.pmf.hr , upon which, an e-mail will be sent with payment informations
- Registration deadline is April 1st

○ ACCOMMODATION

- There are many available apartments and hotels in the Zagreb city center, which is in the walking distance to the Faculty
- Anything near the Josip Jelacic Square is great, Some recommendations are [Hotel Academia](#)
- Please have in mind that the Symposium dates are during the tourist season, so make the reservations as soon as possible.
- For staying in Zlarin, please contact the organisers. Another option is accomodation in the City of Šibenik, which is across the island, with daily ferry rides to the Zlarin island

○ ABSTRACT SUBMISSION

- Submission deadline is April 1st. Abstracts up to 300 words, or papers up to 4 pages, should be sent to: tomislav.ivankovic@biol.pmf.hr
- All the abstracts and papers will be published in the Book of proceedings – ISBN 978-953-6076-76-5

**Bio-X Croatia & scientific mission,
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CROATIA, 2024

PRELIMINARY PROGRAMME

WEDNESDAY 29th May, Zagreb, Faculty of Science

Registration		8:30 – 9:00
Greetings session		9:00 – 9:15
Prof. Donald Martin, UGA, France <i>Making biotechnology from nanostructured systems</i>	Plenary lecture	9:15 – 9:45
Prof. Dunja Leljak Levanic, PMF Zagreb, Croatia <i>“Healthy grapevine” – first patent at the Faculty of Science in Zagreb</i>	Keynote lecture	9:45 – 10:10
Dr. Lucija Beluzic, Breyer Clinic, Zagreb <i>Essential and additional strategies to achieve and maintain quality in genetic laboratories: Insights from a high-throughput diagnostic laboratory</i>	Invited lecture	10:10 – 10:25
Coffee break		10:25 – 10:45
Prof. Jasna Hrenovic, PMF Zagreb, Croatia <i>Carbapenem resistance in the environment</i>	Invited lecture	10:45 – 11:00
Prof. Marin Jezic, PMF Zagreb, Croatia <i>Cryphonectria hypovirus 1 spread across its host populations in Europe</i>	Invited lecture	11:00- 11:15
Evgeni Eltzov, Volcani Institute, Israel <i>Rapid identification of quiescent C. gloeosporioides in fruits: a new approach to minimize postharvest losses</i>	Invited lecture	11:15 – 11:30
Student’s session, 5-7 min. talks		11:30 – 12:30
Fredric Narcross, BGU, Israel <i>Footprints - social media meets knowledge discovery in a data sharing environment</i>		
Abraham Paul, BGU, Israel <i>Structurally reinforced alginate Microbeads as versatile Biosensors for the detection of Quorum Sensing Molecules</i>		
Frans Kokojka, BGU, Israel <i>Exploration of phagocyte-marine toxins interaction</i>		
Nadav Bachar, BGU, Israel <i>Purification of water containing complex pollution using a biofilm system</i>		
Marina Drcelic, PMF, Zagreb <i>‘Candidatus Phytoplasma solani’: Chasing for protein interactions</i>		
Krisida Ciko, UT, Albania <i>In house validation of an LC-MS/MS multi method for the determination of mycotoxins in wheat</i>		
Lunch break, Buffet at the Faculty		12:30 – 14:00

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CROATIA, 2024

PRELIMINARY PROGRAMME

WEDNESDAY 29th May, Zagreb, Faculty of Science

Lunch break, Buffet at the Faculty

12:30 –
14:00

Prof. Robert S. Marks, BGU, Israel

From academic innovation in diagnostics to startup attempts

Plenary

lecture

14:00 –

14:45

Prof. Mustafa Culha, Augusta University, USA

Nanomaterials in cancer diagnosis and treatment

Keynote

lecture

14:45 –

15:10

Prof. Karolina Rudnicka, UniLodz, Poland

“Science Inspires” – ScienceHub project

Invited

lecture

15:15 –

15:30

Coffee break

15:30 –
15:45

Prof. Vanja Jurisic, AGR Zagreb, Croatia

Enhancing biogas production from agricultural energy crops by introducing ensiling and bioaugmentation processes

Invited

lecture

15:45 –

16:00

Prof. Marisa Manzano, UNIUD, Italy

Listeria monocytogenes detection: from plate count to an electrochemical biosensor method

Invited

lecture

16:00 –

16:15

Mark Nuijten, A2M- Minerva HE Network, Netherlands

Valuation of digital health: A comparison with innovative drugs

Invited

lecture

16:15 –

16:30

Student's session, 5-7 min. Talks

16:30 – 17:30

Xhensila Omeri, UT, Albania

Physical-biological indicators and single-cell toxicity sensing as a new monitoring model applied at Lake Butrinti, Albania

Eni Meli, UT, Albania

*Assessments on the growth performance of Mediterranean mussel (*M. galloprovincialis* Mollusca, *Bivalvia*) reared in Butrinti Lake (South-Western Albania), according to evaluation of the parameters in VBGF*

Anxhela Kamberaj, UT, Albania

*Estimation of growth parameters for a stock of Ohrid trout (*Salmo letnica* Karaman, 1924) based on the assessments of commercial catches in the Albanian part of Ohrid Lake.*

Stela Pepa, UT, Albania

*Length frequency distribution, growth parameters and mortality rates for a stock of bleak (*Alburnus scoranza* Heckel and Kner, 1857) from Ohrid Lake.*

Discussion and closing of the symposium in Zagreb

17:30 –
17:45

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PRELIMINARY PROGRAMME

THURSDAY 30th May, Zagreb

- MORNING – Field trip with mushroom sampling
 - AFTERNOON – City tour
 - EVENING – Gala dinner in the city
-

PRELIMINARY PROGRAMME

FRIDAY 31st May, Zagreb - Zlarin

- MORNING
 - Departure to Croatian Coral Center Zlarin
 - Field trip to *Plitvice* National Park
 - EVENING – Arrival to City of Šibenik and boat to Zlarin
-

PRELIMINARY PROGRAMME

SATURDAY 1st June, Zlarin

- MORNING – Boat Trip and Environmental Sampling
-

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PRELIMINARY PROGRAMME

SUNDAY 2nd June, Zlarin

- MORNING - Workshop
 - LUNCH
 - AFTERNOON – Panel discussion
-

PRELIMINARY PROGRAMME

MONDAY 3rd June, Zlarin

- MORNING – Lectures, Poster Session, Art Competition
 - LUNCH
 - AFTERNOON – Closing of the Symposium
-

PRELIMINARY PROGRAMME

TUESDAY 4th June, Zlarin

- RETURN TO ZAGREB
-

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CROATIA, 2024

PRELIMINARY PROGRAMME

MONDAY 3rd June, Zlarin

Lectures

Ivana Sola, PMF, Zagreb

Phytochemical adaptations of broccoli to elevated and decreased environmental temperatures: Implications for its nutritional value

Blanka Dadic, PMF, Zagreb

Changes in microbial consortium composition during the cell immobilization on natural carriers

Michela Maifreni, UNI Udine, Italy

Photo Dynamic Inactivation (PDI) technology: a new antimicrobial strategy against Listeria monocytogenes

Poster Session

Nadav Bachar, BGU, Israel

Molecular insights into the primed neutrophil phenomenon

Frans Kokojka, BGU, Israel

A novel, direct-binding SPR assay configuration for ultrasensitive detection of small molecules

Michela Maifreni, UNI Udine, Italy

Sustainable Solutions in the Spotlight: Vanillin-Based Materials for Photoactive Disinfection

Abraham Paul, BGU, Israel

Covalently Synthesized Alginate-Pyrrole Hydrogel as a 3D Printable Electroconductive Ink

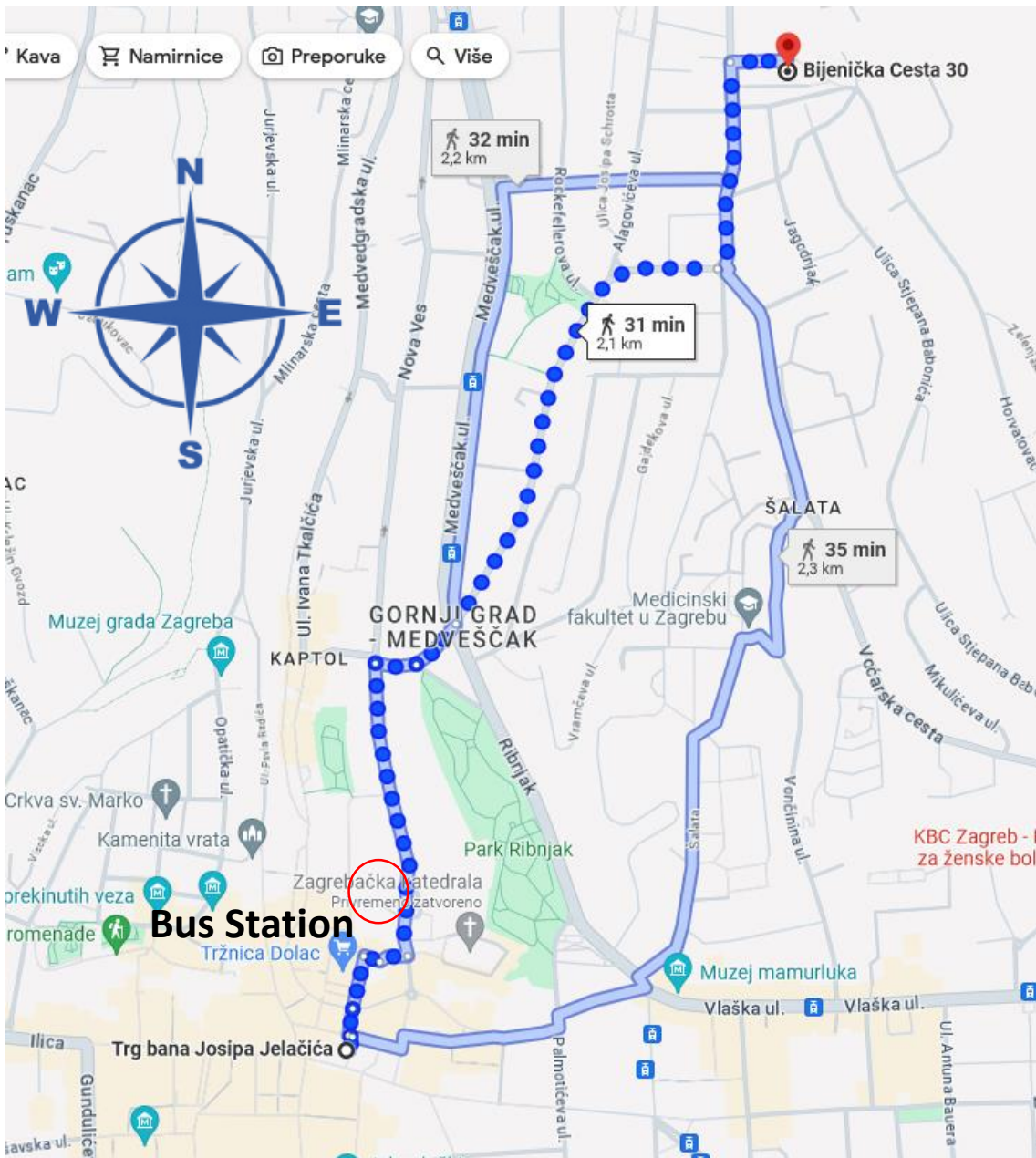
Frans Kokojka, BGU, Israel

A novel, direct-binding SPR assay configuration for ultrasensitive detection of small molecules

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- LOCATION of the Symposium is Faculty of Science, Horvatovac 102A.
- It's a nice walk from the main square, roughly 25 minutes, but the Bus line is also available (5 min).
- Bus #106 departs from the Station in front of the Cathedral, get out after the roundabout (2nd or 3rd station, depends whether bus stops on each stop).