

# Friday

University of Warsaw Botanic Garden (al. Ujazdowskie 4)

17:00-18:00

## Registration of Participants

18:00-18:30

## Opening Ceremony

18:30-19:15

## Plenary talk by Grzegorz Janusz

How light affects fungal metabolism

19:15-21:00

## Poster Session

1. **Beniamin Abramczyk:** Impact of long-drawn freezing on biodiversity of Mucoromycota strains isolated from soil samples
2. **Milena Bąk:** Trinity - a review of three most destructive Basidiomycota fungi causing brown rot of wood
3. **Justyna Borowiecka:** The ability of *Umbelopsis* representatives to produce polyunsaturated fatty acids
4. **Daniela Kolarczyková:** Prevalence and genetic basis of terbinafine resistance in *Trichophyton rubrum*, a cause of superficial mycoses
5. **Paweł Kudrys:** *Pleurotus ostreatus* - growth of the mycelium and nematicidal properties against *Caenorhabditis elegans*
6. **Yuliia Leshchenko:** How high do you need to hike to find *Lamproderma* species?
7. **Mateusz Maćik:** Catabolic fingerprinting and diversity of fungi in the degraded soil amended with phosphorus biofertilizer
8. **Małgorzata Orłowska:** In Silico Predictions of Ecological Plasticity Mediated by Protein Family Expansions in Early-Diverging Fungi
9. **Matylda Pawlicka:** Relationships between bracket fungus and flies, especially between *Fomes fomentarius* and *Myennis octopunctata*
10. **Julia Pawłowska:** Fungal biodiversity data – where are they hidden?
11. **Štěpán Pecka:** Evolution of intraspecific diversity of *Phytophthora alni* subsp. *alni*
12. **Karolina Przebięda:** Fungal laccases in pharmaceutical industry and medicine
13. **Maja Rusiecka:** The occurrence of crown-tipped coral fungus *Artomyces pyxidatus* (Pers.: Fr.) Jülich in Poland and assessment of its threatened status
14. **Volha Rusetskaya:** The effect of herbicides on the infectious potential of entomopathogenic fungi

15. **Fatemeh Salimi:** Community diversity and stress tolerance of culturable endophytic fungi associated with different tissues of *Phragmites australis* around Urmia Lake saline soils
16. **Ewelina Sobolewska:** Yeasts in the treatment of liquid digestate
17. **Krzysztof Stawrakakis:** Efficacy of symbiotic modification of barley *Hordeum vulgare* and its impact on seedlings' growth
18. **Monika Stryjak-Bogacka:** First report of *Sydowia polyspora* as endophyte of bryophytes
19. **Aleksandra Walaszczyk:** Role of biosurfactants and volatile compounds produced by *Bacillus strains* in *Fusarium sambucinum* growth inhibition
20. **Wojciech Wysoczański:** Fungal endophytes of the plant in a gradient of altitude: diversity and efficiency of vertical transfer
21. **Jakub Wysokiński:** Application of the CRISPR/Cas9 system in genome editing of filamentous fungi

## Saturday

**Faculty of Biology, University of Warsaw** (ul. Miecznikowa 1)

9:30-10:15

**Plenary talk by Ondřej Koukol**

Fungi colonizing coniferous litter - what do we know in the genomic era?

10:15-12:00

**Session I: Biology and Ecology of Fungi**

1. **Mikołaj Charchuta:** Effectiveness of various methods of isolation of mycorrhizal fungal DNA from root samples
2. **Paulina Janik:** Worldwide taxonomy and phylogeography of a nivicolous myxomycete: striking contrasts between Northern and Southern Hemisphere
3. **Hasime Jashari:** Contribution to the knowledge of mycodiversity in different forest associations on Shar Planina in Macedonia
4. **Alicja Okraśńska:** How does soil pollution shape fungal communities?
5. **Fatemeh Salmaninezhad:** Diversity of Icelandic Oomycota
6. **Slavica Tofilovska:** Diversity of Hypogeous Genus *Hymenogaster sensu lato* in the Republic of North Macedonia

12:00-12:30

**Coffee break**

12:30-14:00

**Session II: Biotechnology of Fungi**

1. **Zuzanna Błocka:** Degradation of Oil Derivatives by representatives of Mucoromycota
2. **Wiktoria Maj:** *Neosartorya* spp. - the hidden threat to agriculture and food production
3. **Maksymilian Nowak:** Mucoromycota as potential source of biosurfactants
4. **Grzegorz Ostrowski:** Diversity of the fungal community on the dry aged beef
5. **Aleksandra Grzyb:** The impact of an innovative fertilizer biostimulator on the enzymatic activity and biodiversity of soil microorganisms under cauliflower cultivation

14:00-15:00

### Lunch

15:00-15:45

### Plenary talk by Katarzyna Sułkowska-Ziaja

In vitro cultures of medicinal mushrooms as a biotechnological source of therapeutic substances

15:45-17:30

### Session III: Fungi in Interactions

1. **Justyna Borzęcka:** Microorganisms associated with greater mouse-eared bat (*Myotis myotis*)
2. **Filip Karpowicz:** Insight into ectomycorrhizal fungi communities of *Dryas octopetala*. What shapes them?
3. **Michał Kochanowski:** Appreciated Laboulbeniales and neglected *Aegeritella* - ectoparasitic fungi of European ants
4. **Igor Siedlecki:** Mycobiota of *Formica polyctena* - in a search of undiscovered symbiosis
5. **Dominika Siegieda:** Correlations between fungal trophic modes in healthy and unhealthy strawberry samples
6. **Klaudia Staśkiewicz:** Biochemical diversity of lichen secondary metabolites as an adaptation to harsh environmental conditions

20:30-23:00

**Garden Party** (Botanic Garden, al. Ujazdowskie 4)

## Sunday

**Faculty of Biology, University of Warsaw** (ul. Miecznikowa 1)

9:00-9:45

## **Plenary talk by Monika Urbaniak**

Pathogenic fungi of the order Hypocreales - characteristics, morphology, and significance

9:45-11:00

### **Session IV: Pathogenic Fungi**

1. **Weronika Gawor:** Characteristics of yeast colonization in patients with exacerbations of COPD - preliminary studies
2. **Marta Godlewska:** The effect of light conditions on the metabolic activity of selected *Fusarium temperatum* strains
3. **Ammarah Shabbir:** Exploring the role of host chloroplast targeting non-classically secreted effector proteins in the development of rice blast disease
4. **Dorota Wiktorowicz:** Diversity of potentially pathogenic fungi associated with the grey seals *Halichoerus grypus* (Fabricius, 1791)

11:00-11:15

### **Coffee break**

11:15-12:30

### **Session V: Humans & Fungi**

1. **Michał Kawałito:** From databases to compound producers - activity of polyketide macrolactone biosynthetic gene clusters in response to different stimuli in diverse ascomycetes
2. **Krystian Marzec:** Analysis of medicinal and nutritional properties of selected mushroom species from the genus *Hericium*
3. **Marta Rogalska:** Novel benzoxaborole derivatives against virulence of *C. albicans*
4. **Piotr Zięba:** Ozonation of the mushroom substrate - an innovative and ecological technology

12:30-12:45

### **Coffee break**

12:45-13:15

### **Closing ceremony**

15:00-18:00

### **Extracurricular Workshops**

1. Growing Lamps from Mushrooms
2. Mycological Walk
3. Molecular Workshop
4. MYKOTEKA Discussion