

The Third Symposium on Hypogeous Fungi of the Mediterranean Basin HYPOGES3

**Under the theme “Truffles and Desert Truffles in the
Face of Climate Change”**

The Faculty of Sciences, 8-12 April, 2025

The Program



Tuesday April 8th, 2025

17 :00 – 20 :00 Registration.

Wednesday April 9th, 2025

08: 30 – 10: 00 Opening ceremony

- **Pr. Mohamed RHACHI**, President of Mohammed V University in Rabat.
- **Pr. Mohammed REGRAGUI**, Dean of the Faculty of Sciences.
- **Pr. Lahsen KHABAR/ Pr. Sarah BOUZROUD**, HYPOGES 3 chairman.

•Coffee Break•

•Group Picture•

—Session 1 — Truffle production and Climate resilience

Chairs: José Antonio BONET & Jalila BENJELLOUN

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| 10 : 45 – 11 : 15 | La trufficulture dans le monde après 50 ans d'utilisation intensive du plant mycorrhizé.
Gérard CHEVALIER, INRA, France. |
| 11 : 15 – 11 : 45 | Truffle polycrisis in the Carpathian Basin
Istvan BAGI, Talajterkép Kft., Hungary. |
| 11 : 45 – 12 : 00 | Oral presentations : <ul style="list-style-type: none">• Croatian case study: development of methods for mycorrhization of forest seedlings, promotion of green economy and increasing the stability of forest ecosystems.
Ivana ZEGNAL, Croatian Forest Research Institute, Croatia. |
| 12: 00 – 12 : 00 | Discussion |

•Lunch Break•

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—Session 2 — Truffle cultivation and Agroforestry practices in the Mediterranean regions

Chairs: Zoltan BRATEK & Laila SBABOU

- 14 : 00 – 14 : 30 Current situation and perspectives of the truffle sector in the Mediterranean area.
Daniel OLIACH, Forest Science and Technology Center of Catalonia, Spain.
- 14 : 30– 15 : 00 Oral presentations :
- Truffle sector in Croatia, from wild to plantations.
Anton BRENKO, Croatian Forest Research Institute, Croatia.
 - Effect of mycorrhization on growth, and phenols accumulation in *Argania spinosa* seedlings.
Awatef SLAMA, University of Carthage, Tunisia.
- 15: 00 – 15 : 30 Soil conservation and improvement through agroecological management of the cultivation of desert truffles (TURMASOIL project)
Asuncion MORTE, University of Murcia, Spain.
- 15 : 30 – 16 : 00 Discussion

•Coffee Break•

— Poster session (16 : 00 – 16 : 30) —

—Session 2 — Truffle cultivation and Agroforestry practices in the Mediterranean region

Chairs: Istvan BAGI & Kaoutar TAHA

- 16 : 30 – 17 : 00 The Truffle and Truffle-farming in Morocco: Current status of knowledge and perspective.
Lahsen KHABAR, Mohammed V University, Morocco.
- 17 : 00– 17 : 30 Oral presentations :
- Production de plants de deux espèces arborescentes mycorrhisées par des truffes du desert: perspectives d'application dans le reboisement des regions semi-arides et sahariennes en Algérie.
Zohra FORTAS, University of Oran, Algeria.
 - Stimulating the effect of climate change on mycorrhization of millet (*Pennisetum glaucum* L.) cultivated in contrasting soils (beneath and outside shrub) in Senegal.
Hassna FOUNOUNE, Senegalese Institute of Agricultural Research, Senegal.

17: 30 – 18 : 00 Discussion

Thursday April 10th, 2025

- Excursion to Maamoura Forest –

Friday April 11th, 2025

—Session 3 —Truffle Ecology, Biodiversity and Conservation

Chairs: Francisco ARENAS & Loubna ELFELS

08 : 30 – 09 : 00 Interaction of the white truffle *Tuber magnatum* with bacteria and plants.

Alessandra ZAMBONELLI, University of Bologna, Italy.

09 : 00 – 10 : 00 Oral presentations :

- **Diversity of Diptera feeding on truffle species.**
Marco LEONARDI, University of L'Aquila, Italy.
- **Genome diversity of *Tuber borchii* in Sardinia.**
Martina DE MATTHEIS, University of L'Aquila, Italy.
- **Study of mycology of Morocco: Truffles and desert truffles.**
Marwa OIKRIM, Faculty of Sciences of Rabat, Morocco.
- **Moroccan Tuber spp. Identification and distribution.**
Chaimae MEYAD, Faculty of Sciences of Rabat, Morocco.

10 : 00 – 10 : 30 Discussion

•Coffee Break•

— Poster session (10 : 30 – 11 : 00) —

—Session 1 —Truffle Ecology, Biodiversity and Conservation

Chairs: Daniel OLIACH & Chouhra TALBI

11 : 00– 11 : 30 Deciphering biodiversity and soil-plant feedbacks in the truffle environment for fitting best management practices to optimize the production of truffle systems.

José Antonio BONET, University of Lleida, Agrotecnio-CERCA center, Spain.

11 : 30– 12 : 00 Oral presentations :

- **Influence of habitat (plantation vs wild sites) structuring soil fungal communities associated in truffle sites (*Tuber melanosporum* and *Tuber aestivum* sites).**

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Yasmin PINUELA, ID-Forest, Agrotecnio-CERCA center, Spain.

- **Lavender intercropped truffle cultivation in Türkiye.**
Ismail SEN, Forest Science and Technology Centre of Catalonia, Lleida, Spain.

12: 00 – 13 : 30

Discussion

•Lunch Break•

—Session 4 — Sustainability and Environmental Aspects

Chairs: Marco LEONARDI & Houda TAIMOURYA

15 : 00 – 15 : 30

Hungarian and European Protection of Truffles and Traditions.
Zoltan DR BRATEK, Hungarian Truffling Federation, Hungary.

15 : 30 – 16 : 00

Gastro-tourism using Moroccan Truffles as an economic driver for rural development.

Helena WILLIAMS, Mohammed VI Polytechnic University, Morocco.

16 : 00 – 16 : 30

Oral presentations :

- **Exploring truffle tourism: an overview of experiences across Europe.**
Marta ROVIRA, Forest Science and Technology Centre of Catalonia, Lleida, Spain.

—Coffee Break —

17 : 00 – 17 : 30

La première truffière de *Tuber melanosporum* au Maroc: histoire de succès et défis

Dr. Abdelaziz LAQBAQBI, Morocco.

17: 30 – 18 : 00

Discussion

Attendance certificates' distribution

—GALA DINER (Optional) – 20 : 00 – 23 : 00 —

Saturday April 12th , 2025

—Middle Atlas Trip (Optional) -