

**CS III Rodica Mărgăoan**  
**Palynology, melissopalynology, spectrophotometry**  
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**Office: ICHAT, 3<sup>rd</sup> floor, no. 7**



**Date and place of birth:** 15.02.1977, Campia-Turzii

**I. Education:**

*University studies:*

- **2007–2009 Master:** UASMV Cluj-Napoca, Animal Sciences and Biotechnologies Faculty, Specialization: Reproduction biotechnologies and genetic engineering applied in animal production.
- **2001–2007:** UASMV Cluj-Napoca, Faculty of Animal Science and Biotechnologies, Specialization: Agricultural biotechnologies.
- **1998–2001:** Babeş-Bolyai University Cluj-Napoca, Faculty of Physics, Specialization: Mathematics and Physics.

*Ph.D. studies:*

**2015 – Doctor in Animal Sciences**, UASMV Cluj-Napoca, PhD supervisor: Prof. dr. Liviu Al. Marghitas, PhD thesis: "Research regarding biological and nutritive value of bee pollen"

*Areas of specialization:*

- **2018** - Experience exchange in melissopalynology, Balparmak laboratory, Istanbul, Turkey;
- **2018** - Introduction to Melissopalynology, CREA, Bologna, Italy
- **2017**- Experience exchange in melissopalynology, CARI laboratory, Belgium.;
- **2015** - Honey tasting course, As. CARI Belgium in collaboration with UASMV Cluj-Napoca;
- **2009** - Postgraduate course "Infrared spectrometry (FT-IR)".

**II. Academic experience:**

*2019-present: CS III Department of Microbiology and Biotechnologies, ICHAT, Faculty of Horticulture and Business in Rural Development, UASMV Cluj-Napoca*

**III. Research domains of interest:**

*Palynology, melissopalynology, spectrophotometry*

**IV. Professional affiliations:**

- **2022** - Society of Horticulture and Forestry from Transylvania (SHST);
- **2020** - present Romanian Standardization Association ASRO;
- **2020** - present International Organization for Standardization ISO;
- **2016**-present Slow Foods;
- **2015**-present Romanian Apitherapy Society - Research Department;
- **2007**- present International Honey Commission (IHC) - palynology, bee pollen, bee bread.

**V. Significant achievements:**

**Scientific papers:** 56 publications of which 30 first/corresponding author; [Google scholar](#); [Web of Science](#); [Scopus](#)

- Cornea-Cipcigan, M., Bunea, A., Bouari, C. M., Pamfil, D., Páll, E., Urcan, A. C., & **Mărgăoan, R.\* (2022)**. Anthocyanins and Carotenoids Characterization in Flowers and Leaves of Cyclamen Genotypes Linked with Bioactivities Using Multivariate Analysis Techniques. *Antioxidants*, 11(6), 1126, **IF: 7.675**
- Barta, D. G., Cornea-Cipcigan, M., **Margaoan, R\*.**, Vodnar, D. C. (2022). Biotechnological Processes Simulating the Natural Fermentation Process of Bee Bread and Therapeutic Properties—An Overview. *Frontiers in Nutrition*, 9, **IF: 6.59**

**Books:** co-author of 2 scientific books

**Research grants:** 2017- 2021: internal grant 26.526 – leader; member in 6 projects

**VI. Other mentions:**

*10 CNCSIS/UEFISCDI awards in the competition "Research results award".*

**October 2022**

**Signature,**  
**CSIII, Mărgăoan Rodica**