



CURRICULUM VITAE

Personal details:

Name, Surname: **Amelia Tero-Vescan**

Academic Title: Professor

Department: ME1

Institutional e-mail: amelia.tero-vescan@umfst.ro

Areas of interest (maximum 5 domains): Metabolic modulation, Doping, Nutritional biochemistry

Research activity:

1. Research projects (maximum 3 projects)

- Natural products as epigenetic modulators of inflammation
- Metabolic modulators used in animal models of oxidative stress

2. Articles published in extenso (maximum 5 articles)

- Tero-Vescan, A., Ștefănescu, R., Istrate, T. I., & Pușcaș, A. (2024). Fructose-induced hyperuricaemia – protection factor or oxidative stress promoter? *Natural Product Research*, 1–13. <https://doi.org/10.1080/14786419.2024.2327624>
- Pușcaș, A.; Ștefănescu, R.; Vari, C.-E.; Ősz, B.-E.; Filip, C.; Bitzan, J.K.; Buț, M.-G.; Tero-Vescan, A. Biochemical Aspects That Lead to Abusive Use of Trimetazidine in Performance Athletes: A Mini-Review. *Int. J. Mol. Sci.* **2024**, 25, 1605. <https://doi.org/10.3390/ijms25031605>
- Buț, M.-G.; Tero-Vescan, A.; Pușcaș, A.; Jîtcă, G.; Marc, G. Exploring the Inhibitory Potential of Phytosterols β -Sitosterol, Stigmasterol, and Campesterol on 5-Alpha Reductase Activity in the Human Prostate: An In Vitro and In Silico Approach. *Plants* **2024**, 13, 3146. <https://doi.org/10.3390/plants13223146>
- Ștefănescu, R.; Ősz, B.-E.; Pinte, A.; Laczkó-Zöld, E.; Tero-Vescan, A.; Vari, C.-E.; Fulop, E.; Blaș, I.; Vancea, S. Fennel Essential Oil as a Complementary Therapy in the Management of Diabetes. *Pharmaceutics* **2023**, 15, 2657. <https://doi.org/10.3390/pharmaceutics15122657>
- Buț, M.-G.; Jîtcă, G.; Imre, S.; Vari, C.E.; Ősz, B.E.; Jîtcă, C.-M.; Tero-Vescan, A. The Lack of Standardization and Pharmacological Effect Limits the Potential Clinical Usefulness of Phytosterols in Benign Prostatic Hyperplasia. *Plants* **2023**, 12, 1722. <https://doi.org/10.3390/plants12081722>

