

PERSONAL INFORMATION

Cristina Tudor



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WORK EXPERIENCE

- Jan 2019 - Jan 2021 **Research assistant in Food Quality Control**
University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca
Project PN-III-P1-1.2-PCCDI-2017-0046/No.1/2018, within PNCDI III
- Oct 2014–Oct 2016 **Assistant manager**
Ecoinspect S.R.L.
Ciocârliei street, no. 6, 400619 Cluj-Napoca (Romania)
www.ecoinspect.ro

EDUCATION AND TRAINING

- Oct 2016–Present **Doctoral studies**
University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca (Romania)
- February 2020 (10-14) **Training school "Functional and omics analysis of carotenoid interventions - EUROCAROTEN**
University of the Balearic Islands, Palma de Mallorca (Spain)
- March 2018 (19-23) **Training school on the bioavailability of carotenoids - EUROCAROTEN**
University of Newcastle, School of Medicine, Newcastle (United Kingdom)
- Jan 2018–March 2018 **Short-Term Scientific Mission (STSM) - COST Action EUROCAROTEN**
Luxembourg Institute of Health, Luxembourg City (Luxembourg)
Bioaccessibility and cellular uptake of carotenoids from two varieties of sea buckthorn berries, using *in vitro* digestion protocol and Caco-2 cellular models
- Aug 2017–December 2017 **Traineeship**
The Rowett Institute, Aberdeen (United Kingdom)
Nutritional enhancement of sustainable novel crops: Design of functional foods from buckwheat

- Oct 2014–Jun 2016 **Master of Science – International Master "Food Quality Management"**
University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca (Romania)
Faculty of Food Science and Technology
- Oct 2010–Jul 2014 **Bachelor degree – Food Control and Security**
University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca (Romania)
Faculty of Veterinary Medicine

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills

- Communication
- good oral and written communication skills in English
- efficient communication skills
- Teamwork
- capacity to assume roles and responsibilities and to work efficiently within a multidisciplinary team

Job-related skills

- Chromatography – TLC, CC, HPLC/PDA, GC/MS
Spectroscopy - UV/VIS, IR
General biochemistry methods, assessment of enzyme activity
In vitro digestion methods
Basic knowledge in cell culture techniques

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Independent user	Independent user	Independent user	Independent user

Digital competences - Self-assessment grid

Microsoft Office; Origin; Graph Pad Prism

ADDITIONAL INFORMATION

Additional information Professor Adela Pinteá, PhD (PhD supervisor) - apinteá@usamvcluj.ro

PUBLICATIONS

Research articles

1. *Sea Buckthorn Oil as a Valuable Source of Bioaccessible Xanthophylls*, in Carotenoids in Human Nutrition (Special Issue in Nutrients, MDPI). (DOI: 10.3390/nu12010076).
2. *A Brief Overview of Dietary Zeaxanthin Occurrence and Bioaccessibility*, in Recent Advances in the Bioaccessibility and Bioavailability of Food Bioactives of Molecules (Special Issue in Molecules, MDPI). (DOI: 10.3390/molecules25184067).
3. *In vitro bioaccessibility of macular xanthophylls from commercial microalgal powders of Arthrospira platensis and Chlorella pyrenoidosa*, in Food Science and Nutrition, Wiley. (DOI: 10.1002/fsn3.2150).
4. *Carotenoid Content and Profile of Some Commercially Available Eggs and In Vitro Bioaccessibility of Lutein and Zeaxanthin from Organic Egg Yolks*, in Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Food Science and Technology.
5. *Bioactive Compounds and Antioxidant Activity in Some Fresh and Canned Aromatic Herbs*, in Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Food Science and Technology. (DOI: 10.15835/buasvmcn-fst:2018.0012).

Conference abstracts

1. *The influence of carotenoids and tocopherols on the oxidative stability of edible oils*, in European Biotechnology Congress 2019 (Special Issue) of Journal of Biotechnology (DOI: 10.1016/j.jbiotec.2019.05.160).

Oral presentations

1. *Bioaccessibility of carotenoids from two Romanian varieties of sea buckthorn berries*, at The Annual International Conference of the RSBMB Bucharest, 5-7th September 2018, Bucharest, Romania.
2. *Comparative study of carotenoid bioaccessibility from sea buckthorn oil and sea buckthorn oil-in-water emulsion*, at The 17th International Symposium Prospects for the 3rd Millenium Agriculture, 27-29 September 2018, Cluj-Napoca, Romania.
3. *Xanthophylls esters - distribution, stability and bioaccessibility*, at the European Workshop on Carotenoids in Foods, Nutrition and Health, 23-25 October 2018, Valencia, Spain.
4. *Influence of thermal processing on carotenoid content and antioxidant activity in berry's pulp*, at the International Conference on Carotenoid research and applications in agro-food and health, 26-28 November 2019, Lemesos, Cyprus.

Posters

1. *Assessment of carotenoid bioaccessibility – a comparison of two in vitro methods*, at The 18th International Symposium on Carotenoids, 9-14 July 2017, Lucerne, Switzerland.