



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Pinteana Adela Mariana**
Address(es) Mănăştur 3-5, 400372, Cluj-Napoca, România
Telephone(s) +40264596384/126 – university Mobile: 0745320420
Fax(es) +40264593792
E-mail apinteana@usamvcluj.ro; Adela_Pinteana@yahoo.com
Nationality Romanian
Date of birth 10.08.1965

Education and training

Dates **1993 - 2001**
Title of qualification awarded PhD Chemistry
Principal subjects/occupational skills covered Analytical chemistry (chromatography), biochemistry
Name and type of organisation providing education and training „Babeş-Bolyai” University, Faculty of Chemistry and Chemistry Engineering
Level in national or international classification PhD

Work experience

Dates **2013 up to present**
Occupation or position held Professor
Main activities and responsibilities Lecture and practicals Chemistry and Biochemistry
Name and address of employer Faculty of Veterinary Medicine, University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca
Type of business or sector Teaching and Research
Dates **2005 -2013**
Occupation or position held Associate professor
Main activities and responsibilities Lecture and practicals Chemistry and Biochemistry, Organic Chemistry, Food Chemistry
Name and address of employer Faculty of Veterinary Medicine, University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca
Type of business or sector Teaching and Research
Dates **1999-2005**
Occupation or position held Lecturer
Main activities and responsibilities Lecture and practicals Chemistry and Biochemistry

Name and address of employer	Faculty of Veterinary Medicine, University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca
Type of business or sector	Teaching and Research
Dates	1992-1999
Occupation or position held	Teaching Assistant
Main activities and responsibilities	Practicals of Chemistry and Biochemistry
Name and address of employer	Faculty of Veterinary Medicine, University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca
Type of business or sector	Teaching and Research

Research projects as director

Program and project number	ANSTI-T,
Period	2000-2001
Project title	Dynamics of lipophilic compounds accumulation in <i>Calendula officinalis</i> L
Program and project number	ANSTI Tip L
Period	2000-2001
Project title	Dynamics of terpenes accumulation in <i>Calendula officinalis</i> L
Program and project number	CNCSIS Tip A, 583
Period	2002-2004
Project title	Characterization and in vivo testing of polyunsaturated oil from <i>Calendula officinalis</i> L seeds
Program and project number	CNCSIS Tip A, 796
Period	2005-2007
Project title	In vitro testing of incorporation rate of carotenoids and their effect in RPE cell culture
Program and project number	PNCD II Idei ID_854
Period	2007-2010
Project title	Evaluation of potential antioxidant effect of some natural compounds (carotenoids and polyphenols) in cultured RPE cells
Program and project number	PN-II-ID-PCE-2011-3-0721
Period	2011-2014
Project title	Impact of esterification on the stability and antioxidant capacity of xanthophylls – from model systems to food systems
Program and project number	CEEX 161/2006, Partner project manager
Period	2006-2008
Project title	Biomarkers use in diagnosis and control research (BiomarkDiag
Program and project number	CEEX-06-11-61/2006; Partner project manager
Period	2006-2008
Project title	Assessment of ecophysiological and cyto-genotoxic effects of several xenobiotics in polluted aquatic ecosystems (CiTOGENOTOX)
Program and project number	PN II 51-067, Partner project manager
Period	2007-2010
Project title	Biodiversity conservation and characterization of apple genetic resources for gene bank preservation (CRIOGENBANC)

Research projects as member

Program and project number	NATO Res. Project Ref.LST.CLG. 977807
Period	2001-2004
Project title	Extraction and Incorporation procedures for Carotenoid Pigments in Different Food and Drug matrices
Program and project number	FP5 CRAFT G5ST-CT
Period	2003-2005

Project title	Innovative Products obtained from Seabuckthorn																																									
Program and project number	Bilateral Research Collaboration, Germany-Romania (DAAD)																																									
Period	1997-2004																																									
Project title	Investigations on food pigment actions on eye cell metabolism																																									
Program and project number	COST CA15136																																									
Period	2016-2020																																									
Project title	European network to advance carotenoid research and applications in agro-food and health (EUROCAROTEN); MC substitute																																									
Patents	-																																									
Articles	35 in ISI journals with impact factor (13 as main author); 17 ISI proceedings 4 editorials in ISI indexed journals; 73 in extenso in journal indexed in other databases; 32 as abstract in proceeding books Citations (excluding self-citations): 411 (web of science) Hirsch index 12 (web of science) ResearcherID: C-4521-2011; http://orcid.org/0000-0002-9914-2070																																									
Member of professional association	Romanian Society of Biochemistry and Molecular Biology Romanian Society of Chemistry Romanian Society of Cell Biology EuroFedLipid ; International Society of Carotenoids																																									
Personal skills and competences																																										
Mother tongue(s)	Romanian																																									
Other language(s)																																										
Self-assessment <i>European level (*)</i>																																										
English	<table border="1"> <thead> <tr> <th colspan="4">Understanding</th> <th colspan="4">Speaking</th> <th colspan="2">Writing</th> </tr> <tr> <th colspan="2">Listening</th> <th colspan="2">Reading</th> <th colspan="2">Spoken interaction</th> <th colspan="2">Spoken production</th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>B2</td> <td>Independent user</td> <td>C1</td> <td>Proficient user</td> <td>B2</td> <td>Independent user</td> <td>B2</td> <td>Independent user</td> <td>B2</td> <td>Independent user</td> </tr> <tr> <td>French</td> <td>C1</td> <td>Proficient user</td> <td>C1</td> <td>Proficient user</td> <td>C1</td> <td>Proficient user</td> <td>C1</td> <td>Proficient user</td> <td>C1</td> <td>Proficient user</td> </tr> </tbody> </table>	Understanding				Speaking				Writing		Listening		Reading		Spoken interaction		Spoken production				B2	Independent user	C1	Proficient user	B2	Independent user	B2	Independent user	B2	Independent user	French	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
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	<i>(*) Common European Framework of Reference for Languages</i>																																									
Social skills and competences	Team spirit Good communication skills Good ability to adapt to multicultural environments, gained through my work experience abroad during doctoral and post doctoral fellowships																																									
Organisational skills and competences	Leadership Project management ability – gained as coordinator of several research grants Sense of organisation – gained by organising scientific meetings (RSBBM 2001, RSBBM 2009, UASMV International Symposium 2014, 2015, 8 th International symposium Pigments in Food 2016) Vice dean for Research, 2014-2015 Head of Department 1 Preclinical sciences, since 2015																																									
Technical skills and competences	Chromatography – CC, HPLC, GC, GC/MS Spectroscopy – UV-Vis, fluorescence, IR General biochemistry, enzyme activity assay, antioxidant methods Cell culture: viability, cytotoxicity assay																																									
Computer skills and competences	Microsof Office; ChemWin, Origin, Prism																																									
Additional information	Prof.dr. Carmen Socaciu – PhD supervisor Prof.dr. Horst A. Diehl – post doc fellowship supervisor																																									

Books and chapters:

1. Socaciu C. and **Adela Pinte**, Supramolecular organization and chemical composition of different carotenoid-lipo-protein structures isolated from seabuckthorn berries, in: Seabuckthorn, A Multipurpose Wonder Plant, ed. V.Singh, vol.II, 2005, Indus International, India, p. 525-559, ISBN 81-7387-156-6.
2. **Adela Pinte**, *Food Colorants: Chemical and Functional Properties*, Socaciu C. (editor), CRC Press - Taylor & Francis Group, Boca Raton, 2008, ISBN: 978-0-8493-9357-0: **3 chapters** (total 53 pag.)
3. **Pinte** **Adela**, Biochimie structurală – Biomolecule plastice (Structural Biochemistry), Ed. Academic Press, Cluj Napoca, 2005, 2010.
4. **Adela Pinte**, two chapters Lipids and Vitamins (80 pages) in "Fiziologia si patologia glandei mamare la vaca", Editura Academic Press, 2010 – coordinated by Sanda Andrei and Ioan Stefan Groza
5. Sanda Andrei, Andrea Bunea, **Adela Pinte**, Stresul oxidativ și antioxidanți naturali, Editura Academic Press Cluj, 2014, ISBN: 978-973-744-354-0S
6. **Adela Pinte** and Dumitrița Rugină, chapters "Resveratrol and the human retina" în *Handbook of Diet, Nutrition and the Eye*; Editor Victor R. Preedy, Elsevier, 2014, 481-491

Fellowships and mobility

- 1993 – 1994 Tempus fellowship (individual mobility for teaching staff) in Laboratory of Plant Cellular Physiology, University I Bordeaux, France,
 1994 Advanced course in Chemistry of natural compounds, Institute of Organic Chemistry, University of Bern, Switzerland (2 months)
 1999 Advanced course in Chemistry of natural Compounds, University I Bordeaux, France (3 months)
 2002 - 2006 Research fellowships, University of Bremen, Institute of Biophysics, Germany, (totally 5 months)

Selective list of publications

1. **Adela Pinte**, Anne Marpeau, Monique Faye, Carmen Socaciu and Michel Gleizes - Polar lipids and fatty acids distribution in carotenolipoprotein complexes extracted from Sea Buckthorn fruits, *Phytochemical Analysis*, **2001**, 12, 293-298
2. **Adela Pinte**, Andrea Varga, Piotr Stepnowski, Carmen Socaciu, Monica Culea, Horst A. Diehl, Chromatographic analysis (HPLC, GC) of Carotenol Fatty Acids Esters in *Physalis alkekengi* and *Hippophae rhamnoides*, *Phytochemical Analysis*, **2005**, 16, 188-195
3. **Adela Pinte**, Horst A. Diehl, Carmen Momeu, Lisa Aberle, Carmen Socaciu, Incorporation of carotenoid esters into liposomes, *Biophysical Chemistry*, **2005**, 118(1), 7-14
4. **Adela Pinte**, Rugină Dumitrița, Pârlog Raluca, Andrea Bunea, Socaciu Carmen, Xanthophylls protect against induced oxidation in cultured human retinal pigment epithelial cells, *Journal of Food Composition and Analysis*, **2011**, 24(6), 830-836
5. **Adela Pinte**, Rugină, D., Pop, R., Bunea, A., Socaciu, C., Diehl, H.A., Antioxidant effect of trans-resveratrol in cultured human retinal pigment epithelial cells, *Journal of Ocular Pharmacology and Therapeutics*, (2011), 27(4), 315-321
6. **Adela Pinte**, Francisc V. Dulf, Andrea Bunea, Cristian Matea, Sanda Andrei, Comparative analysis of lipophilic compounds in eggs of organically raised Isa Brown and Araucana hens, *Chemical Papers*, **2012**, 66(10), 955-963
7. Sanda Boca, Dumitrița Rugină, **Adela Pinte**, Lucian Barbu-Tudoran, Simion Aștilean, Simion Aștilean, Flower-shaped gold nanoparticles: synthesis, characterization and their application as SERS-active tags inside living cells, *Nanotechnology*, **2011**, 22(5):055702
8. Bunea, A., Rugină, D., Sconța, Z., Pop, R.M., **Pinte**, A., Socaciu, C., Tăbăran, F., Grootaert, C., Struijs, VanCamp, J., Anthocyanin determination in blueberry extracts from various cultivars and their antiproliferative and apoptotic properties in B16-F10 metastatic murine melanoma cells, *Phytochemistry*, **2013**, 85, 436-444
9. Raluca Pop, Yannick Weesepeol, Socaciu Carmen, **Adela Pinte**, Jean-Paul Vincken, Carotenoid composition of berries and leaves from six Romanian Sea Buckthorn (*Hippophae rhamnoides* L.) varieties, *Food Chemistry*, **2014**, 147, 1-9,
10. Rugină, D., Diaconeasa, Z., Coman, C., Bunea, A., Socaciu, C., and **Pinte**, A. *, Chokeberry Anthocyanin Extract as Pancreatic beta-Cell Protectors in Two Models of Induced Oxidative Stress, *Oxid Med Cell Longev*, **2015**, 429075

Cluj-Napoca, 27.03.2017

Prof. PhD. Adela Pinte

