



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Pintea Adela Mariana**
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E-mail apintea@usamvcluj.ro; Adela_Pintea@yahoo.com
Nationality Romanian
Date of birth

Education and training

Dates **1985 - 1991**
Title of qualification awarded Chemical engineer
Principal subjects/occupational skills covered Chemistry and Engineering of Organic Substances
Name and type of organisation providing education and training „Babeş-Bolyai” University, Faculty of Chemistry and Chemistry Engineering
Level in national or international classification Bachelor (Serie I, nr. 16166)
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 (Serie B, nr. 0000686)
Dates **2017**
Title of qualification awarded Habilitation
Principal subjects/occupational skills covered Biotechnology
Name and type of organisation providing education and training University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca
Level in national or international classification Habilitate (Ministry order Nr. 5110, 29.09.2017)

Work experience

Dates	2013 up to present
Occupation or position held	Professor
Main activities and responsibilities	Lectures and 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
Dates	2005 -2013
Occupation or position held	Associate professor
Main activities and responsibilities	Lectures and practicals of 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	Lectures and practicals Chemistry, Biochemistry, Enzymology
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

Teaching mobility and trainings

December 1993 – mai 1994: Tempus fellowship (individual mobility for teaching staff) in Laboratory of Plant Cellular Physiology, University I Bordeaux, France

September 2001: Erasmus teaching staff mobility, Faculty of Veterinary Medicine, Lisbon, Portugal

Mai 2017: Erasmus teaching staff mobility, Faculty of Veterinary Medicine, Cordoba, Spain

Mai 2018: Erasmus teaching staff mobility, Ecole Nationale Veterinaire D'Alfort, Paris, France

November 2015: "Program postuniversitar de formare și dezvoltare profesională "Dezvoltarea programelor de studii universitare și metode inovative de predare învățare în scopul creșterii relevanței calificărilor la nivelul învățământului superior – 4 credite; Certificat seria CA Nr. 0002372

Research Fellowships and trainings

August 1994 – September 1994: Advanced Course in Chemistry of Natural Compounds, Institute of Organic Chemistry, University of Bern, Switzerland (2 months)

March 1999 – May 1999: Specialized Higher Education Course in Chemistry of Plant Compounds, University I Bordeaux, France (3 months)

2002 – 2006: Invited researcher, Post-Doctoral Research fellowships, University of Bremen, Institute of Biophysics, Germany, (totally 5 months)

September 2012: Course on Advances in Extraction Technologies (ExTech), School of Science, University of Messina, Italy

Other teaching related activities

Coordinator of Food Control and Security specialization (2010-2015)
 Vice-Dean for Research and International Relations FMV - 2014-2015
 Director of Department - Department 1 Preclinical FMV Cluj-Napoca - 2015-2018
 Director of the Council of Doctoral Studies (CSUD) USAMV CN – since 2018
 Expert in CCCDI – Bioeconomy Commission
 Member of CNCS - specialized commission Applied Life Sciences and Biotechnologies (2021-2025)
 Member of CNATDCU – Commission 14 – Animal and Plant Resources Engineering (since 2024)
 Coordinator CDS4 – Institute for Life Sciences
 Expert in POSDRU project; POCU ACAMED Project Expert
 Member of the Council of the Faculty of Veterinary Medicine 2001-2018
 Member of the Senate of the University of Veterinary Medicine Cluj-Napoca 2012-2014, since 2020
 FEBS Ambassador for Education
 Organization of scientific events:
 • International Symposium of RSBMB – 2001, 2009, 2023
 • International Symposium USAMV 2014, 2015
 • International Symposium "Pigments in Food" - 2016
 Participation in elaboration of SET for EAEVE accreditation of Faculty of Veterinary Medicine Cluj-Napoca (2014) and ARACIS evaluation 2015 (member of the team)

International collaboration in teaching and research

University of Milano, Italy
 University of Messina, Italy
 Ecole Veterinaire D'Alfort , France
 University of Lublin, Poland
 Luxembourg Institute of Health

Research projects

9 Research projects: 6 as director; 3 as partner project manager
 900,000 Euro

Program and project number	ANSTI-T,
Period	2000-2001
Project title	Dynamics of lipophilic compounds accumulation in <i>Calendula officinalis</i> L (40.000 mii lei)
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 (100.500 mii lei)
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 (450.000 mii lei)
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 (717.000 RON)
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 (1.363.250 RON)
Program and project number	CEEX 161/2006, Partner project manager
Period	2006-2008
Project title	Biomarkers use in diagnosis and control research (BiomarkDiag) (150.000 RON)
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) (99.989 RON)
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) (119.704 RON)
Program and project number	Project PNIII-P4-IDPCE-2020-1172
Period	2021-2024
Project title	Nanostrategies to enhance zeaxanthin stability and bioaccessibility
Program and project number	AUF -MECR
Period	2020-2021
Project title	Diminution des risques de contamination chimique et microbiologique des aliments
Program and project number	AUF –DRECO-7865
Period	2022-2023
Project title	Valorisation de composés bioactifs issus de déchet agro-industriels par encapsulation lyosomale
Research projects as member	Member in >20 national and 4 international research projects
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 Sea buckthorn
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	<ul style="list-style-type: none"> • 113 articles in ISI journals (84 articles in ISI journals/proceedings with impact factor, 21 as main author; 6 editorials in ISI indexed journals); 23 article in ISI journals without impact factor, 74 in extenso in journals indexed in other databases and other journals; 32 as abstract in proceeding books • Book chapters published in international publishing houses: 8 • Participation in international conferences: over 30 • Citations (excluding self-citations): >1900 (Web of Science); > 5300 Google Scjolar • Hirsch index 30 (Web of Science), 40 (Google Scholar) • ResearcherID: C-4521-2011; http://orcid.org/0000-0002-9914-2070; brainmap U-1700-034Z-2615
Conferences	<p>International Symposium Prospects for the 3rd Millenium Agriculture Cluj-Napoca, 2000-2017 International Symposium on Carotenoids, 2011 - Cracovia; 2014 - Park City, USA, 2017 – Lucerne, 2023 – Toyama, Japan FEBS Congress Istanbul 2025 International Congress “Pigments in Food”: 2004 - Quimper, Franta; 2007- Hohenheim, Germania; 2010 - Budapest; 2013 - Novara, Italia; 2016 - Cluj-Napoca Euro Fed Lipid Congress: 2002 - Strasbourg; 2006 - Madrid; 2007 - Gothenburg, 2008 - Atena; 2012 – Cracovia Belgrade Food International Conference – Food, health and well being, 2012, Belgrad 14th International Symposium on Advances in Extraction Technologies, 2012, Messina, Italia 21 International Symposium on Separation Sciences, 2015, Ljubljana, Slovenia Annual International Conference of the Romanian Society of Biochemistry and Molecular Biology: 2007; 2017 - Timișoara, 2008 - Constanța, 2009 - Cluj; 2010, 2015 - București; 2014 – Oradea, 2017 – Timișoara; 2023 -Cluj-Napoca Eurocaroten Workshop Carotenoids in foods, nutrition and health , Valencia 2018, Cyprus 2019</p>
Member of professional association	<p>Romanian Society of Biochemistry and Molecular Biology – member of the National Board Romanian Society of Chemistry Romanian Society of Cell Biology EuroFedLipid International Society of Carotenoids; EPSO</p>
Member of editorial board	<p>Editor Bulletin of Agricultural Sciences and Veterinary Medicine – MV (2014-2016) Guest Editor Journal of Food Composition and Analysis (2016-2018), Guest editor Molecules (2023-2024); Guest editor Agriculture – 2024; Revista de Chimie (2020)</p>
Reviewer	<p>For over 30 journals, among them: Journal of Food Composition and Analysis; Food Chemistry; Journal of Agricultural and Food Chemistry, Trends in Food Science&Technology, Food Hydrocolloids, Phytochemistry, Journal of Functional Food, Food Research International, International Journal of Molecular Sciences, Antioxidants, Nutrients, Foods, Journal of Cellular Biochemistry, Molecules, Journal of Food Biochemistry, Natural Product Reports, Fruits, Molecular Vision, J Ocular Pharmacology Therapeutics, Scientific Reports, Biomass Conversion and Biorefinery, Waste and Biomass Valorization, etc..</p>
Expert	<p>Member of Romanian National Research Council – Life Sciences (CNCS) Member of Advisory College for Research-Development and Innovation CCCDI - commission Bioeconomy Evaluation of national research projects: <ul style="list-style-type: none"> • Postdoctoral Research Projects (PED) • Research projects to stimulate young independent teams (TE) • EUREKA • Exploratory Research Projects, PCE Ideas) • Partnership in Priority Areas (PCCA) Evaluator for OTKA - Hungarian Scientific Research Fund, National Science Centre Poland</p>
Prizes	<p>Prize of National Authority for Research 25 articles Prize “Gheorghe Ionescu-Sisești” of Academy of Agricultural and Forestry Sciences for the book “Stresul oxidativ și antioxidanți naturali” 2014; Prize “Paul Riegler” of Academy of Agricultural and Forestry Sciences 2023</p>

Personal skills and competences

Mother tongue(s) Romanian

Other language(s)

Self-assessment

European level ()*

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Independent user	C1	Proficient user	B2	Independent user	B2	Independent user	B2	Independent user
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user

(*) [Common European Framework of Reference for Languages](#)

Certificates B2 (English) and C1 (French)

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

Management, Organisational skills and competences

Director of the Council for Doctoral Studies – since September 2018
 Head of Department 1 Preclinical Sciences, 2015 - 2018
 Vice dean for Research Faculty of Veterinary Medicine, 2014-2015
 Coordinator CDS4 – Institute of Life Sciences
 Member of the Council of the Faculty of Veterinary Medicine – 2001-2018
 Member of the Senate of UASMV Cluj-Napoca 2012-2014, since 2019
 Project management ability – gained as coordinator/principal investigator of several research grants
 Sense of organisation – gained by organising scientific meetings:
 Organisation of: Annual International Meeting of Romanian Society of Biochemistry and Molecular Biology 2001 and 2009;
 UASMV International Symposium 2014, 2015,
 8th International symposium Pigments in Food 2016 – co-chair
 Annual International Meeting of RSBMB Cluj-Napoca, 2023 - chair

Technical skills and competences

Chromatography – CC, HPLC, GC, GC/MS
 Spectroscopy – UV-Vis, fluorescence, IR
 General biochemistry, enzyme activity assay, antioxidant methods
 Analysis of natural compounds: lipids, carotenoids, tocopherols, phenolic compounds
 In vitro bioaccessibility assay
 Cell culture: viability, cytotoxicity assay

Computer skills and ompetences

Microsoft Office; ChemWin, Origin, Prism

Additional information and Annexes

List of publications (articles, books and chapters)
 ResearcherID: C-4521-2011; <http://orcid.org/0000-0002-9914-2070>

List of selected publications**Books and chapters:**

1. Socaciu C. and **Adela Pinte**a, 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**a, *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. **Pintea Adela**, Biochimie structurală – Biomolecule plastice (Structural Biochemistry), Ed. Academic Press, Cluj Napoca, 2005, 2010.
4. **Adela Pintea**, două capitole Lipide și Vitamine (80 pag) in "Fiziologia și patologia glandei mamare la vaca", Editura Academic Press, 2010 – coordinated by Sanda Andrei and Ioan Stefan Groza
5. Sanda Andrei, Andrea Bunea, **Adela Pintea**, Stresul oxidativ și antioxidanți naturali, Editura Academic Press Cluj, 2014, ISBN: 978-973-744-354-0S
6. **Adela Pintea** and Dumitrița Rugină, chapter "Resveratrol and the human retina" in *Handbook of Diet, Nutrition and the Eye*; Editor Victor R. Preedy, Elsevier, 2014, pages 481-491
7. Sonia Ancuța Socaci, Dumitrița Olivia Rugină, Zorița Maria Diaconeasa, Oana Lelia Pop, Anca Corina Fărcaș, Adriana Păucean, Maria Tofană, **Adela Pintea**, capitolul Antioxidant Compounds Recovered from Food Wastes, In: *Functional Food - Improve Health through Adequate Food*, p. 3-21, ISBN 978-953-51-3440-4
8. **Adela Pintea**, Dumitrița Rugina, Zorița Diaconeasa, Chapter "Pharmacologically-active plant-derived natural products" in *Smart Nanoparticles for Biomedicine*, Editor: Gianni Ciofani, pages 49-64, eBook ISBN: 9780128141571, Paperback ISBN: 9780128141564, Elsevier
9. **Adela Pintea** and Dumitrița Rugină, chapter "Resveratrol and the human retina" in *Handbook of Nutrition, Diet and the Eye*; Editor Victor R. Preedy & Ronald Ross Watson, Academic Press, Elsevier, Second Edition, 2019, ISBN 978-0-12-815245-4; p.127-145; <https://doi.org/10.1016/C2017-0-01652-X>
10. **Pintea, A.M.**, Magdas, D.A. (2022). Analytical Techniques for the Biochemical Profiling in Seabuckthorn. In: Sharma, P.C. (eds) *The Seabuckthorn Genome. Compendium of Plant Genomes*. Springer, Cham. https://doi.org/10.1007/978-3-031-11276-8_4, Online ISBN 978-3-031-11276-8, Print ISBN 978-3-031-11275-
11. Dumitrița Rugină, **Adela Pintea**, Chemistry and structural biochemistry: short course for veterinary students, 2019, Ed. Academic Press Cluj, ISBN 978-973-744-775-3
12. **Adela Pintea**, Dumitrița Rugină, [Antioxidant potential of microalgae](#), Chapter 14 - Antioxidant potential of microalgae, Editor(s): Antonio Pérez-Gálvez, Eduardo Jacob-Lopes, Leila Queiroz Zepka, Maria Roca, in *Microalgae and One Health*, Academic Press, 2025, Pages 197-226, ISBN 9780443220807, <https://doi.org/10.1016/B978-0-443-22080-7.00038-7>.

Selected list of articles:

1. **Adela Pintea**, 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 Pintea**, 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 Pintea**, Horst A. Diehl, Carmen Momeu, Lisa Aberle, Carmen Socaciu, Incorporation of carotenoid esters into liposomes, *Biophysical Chemistry*, **2005**, 118(1), 7-14
4. **Adela Pintea**, 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 Pintea**, 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 Pintea**, 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*, **2011**, 66(10), 955-963
7. Rugină, D., Diaconeasa, Z., Coman, C., Bunea, A., Socaciu, C., and **Pintea, A.***, Chokeberry Anthocyanin Extract as Pancreatic beta-Cell Protectors in Two Models of Induced Oxidative Stress, *Oxid Med Cell Longev*, **2015**, 429075
8. D Rugină, D Hanganu, Z Diaconeasa, F Tăbăran, C Coman, L Leopold, A. Bunea, **Adela Pintea***, Antiproliferative and Apoptotic Potential of Cyanidin-Based Anthocyanins on Melanoma Cells, *International journal of molecular sciences*, **2017**, 18 (5), 0949
9. Dumitrița Rugină, Raluca Ghiman, Monica Focșan, Flaviu Tăbăran, Florina Copaciu, Maria Suci, **Adela Pintea***, Simion Aștilean**, Resveratrol-delivery vehicle with anti-VEGF activity carried to human retinal pigmented epithelial cells exposed to high-glucose induced conditions, **2019**, *Colloids and Surfaces B: Biointerfaces* 181 (2019) 66–75
10. Cristina Tudor, T. Bohn, M Iddir, FV Dulf, Monica Focșan, Dumitrița Rugină, **Adela Pintea***, Sea buckthorn Oil as a valuable source of bioaccessible xanthophylls, *Nutrients*, 2020, 12(1), 76
11. Cristina Tudor, **Adela Pintea***, A Brief Overview of Dietary Zeaxanthin Occurrence and Bioaccessibility, *Molecules*, 2020, 25, 4067
12. **Adela Pintea**, Francisc Vasile Dulf, Andrea Bunea, Sonia Ancuța Socaci, Elena Andreea Pop, Vlăduț-Alexandru Opreț, Daniele Giuffrida, Francesco Cacciola, Giovanni Bartolomeo, Luigi Mondello, Carotenoids, Fatty Acids, and Volatile Compounds in Apricot Cultivars from Romania-A Chemometric Approach, *Antioxidants*, 2020, 9(7), 562
13. Antonio J Meléndez-Martínez, Anamarija I Mandić, Filippos Bantis, Volker Böhm, Grethe Iren A Borge, Mladen Brnčić, Anette Bysted, M Pilar Cano, M Graça Dias, Anjo Elgersma, Martina Fikselová, Javier García-Alonso, Daniele Giuffrida, Vanessa SS Gonçalves, Dámaso Hornero-Méndez, Kristina Kljak, Vera Lavelli, George A Manganaris, Paula Mapelli-Brahm, Milan Marounek, Begoña Olmedilla-Alonso, María Jesús Periago-Castón, **Adela Pintea**, Jeremiah J Sheehan, Vesna Tumbas Šaponjac, Magdaléna Valšíková-Frey, Lieven Van Meulebroek, Nora O'Brien, A comprehensive review on carotenoids in foods and feeds: status quo, applications, patents, and research needs, *Critical Reviews in Food Science and Nutrition*, 2020, 1-51
14. Cristina Tudor, Elena Cristina Gherasim, Francisc Vasile Dulf, **Adela Pintea***, In vitro bioaccessibility of macular xanthophylls from commercial microalgal powders of *Arthrospira platensis* and *Chlorella pyrenoidosa*, *Food Science & Nutrition*, 2021, DOI: 10.1002/fsn3.2150

15. Antonio J Meléndez-Martínez, Volker Böhm, Grethe Iren Andersen Borge, M Pilar Cano, Martina Fikselová, Ruta Gruskiene, Vera Lavelli, Monica Rosa Loizzo, Anamarija I Mandić, Paula Mapelli Brahm, Aleksandra Č Mišan, **Adela M Pinte**a, Jolanta Sereikaitė, Liliana Vargas-Murga, Sanja S Vlaisavljević, Jelena J Vulić, Nora M O'Brien, *Annual Review of Food Science and Technology*, 2021, 12, <https://doi.org/10.1146/annurev-food-062220-013218>
16. Dias, M.G.; Borge, G.I.A.; Kljak, K.; Mandić, A.I.; Mapelli-Brahm, P.; Olmedilla-Alonso, B.; **Pinte**a, **A.M.**; Ravasco, F.; Tumbas Šaponjac, V.; Sereikaite, J.; et al. European Database of Carotenoid Levels in Foods. Factors Affecting Carotenoid Content. *Foods* 2021, 10, 912. <https://doi.org/10.3390/foods10050912>,
17. Andreea Baricz, Erika A Levei, Marin Șenilă, Simona Cîntă Pînzaru, Mihaela Aluș, Adriana Vulpoi, Claudiu Filip, Carmen Tripon, Dorin Dădărlat, Doriana M Buda, Francisc V Dulf, **Adela Pinte**a, Adorján Cristea, Vasile Muntean, Zsolt G Keresztes, Mircea Alexe, Horia Leonard Banciu, Comprehensive mineralogical and physicochemical characterization of recent sapropels from Romanian saline lakes for potential use in pelotherapy, *SCIENTIFIC REPORTS*, 2021, 11(1),18633
18. D Stoia, R Pop, A Campu, M Nistor, S Astilean, **A Pinte**a, M Suci, D. Rugina, M. Focșan, Hybrid polymeric therapeutic microcarriers for thermoplasmonic-triggered release of resveratrol, *Colloids and Surfaces B: Biointerfaces*, 2022, 220, 112915
19. Roxana Pop, Adela Daescu, Dumitrita Rugina, **Adela Pinte**a, Resveratrol: Its Path from Isolation to Therapeutic Action in Eye Diseases, *Antioxidants*, 2022, 11(12), 2447; <https://doi.org/10.3390/antiox11122447>
20. Popescu, L., Cojocari, D., Ghendov-Mosanu, A., Lung, I., Soran, M.-L., Opreș, O., Kacso, I., Ciorîță, A., Balan, G., **Pinte**a, **A.** et al. The Effect of Aromatic Plant Extracts Encapsulated in Alginate on the Bioactivity, Textural Characteristics and Shelf Life of Yogurt. *Antioxidants* 2023, 12, 893. <https://doi.org/10.3390/antiox12040893>; WOS:000978905600001
21. Ghendov-Mosanu, A., Neteaba, N., Balan, G., Cojocari, D., Boestean, O., Bulgaru, V., Gurev, A., Popescu, L., Deseatnicova, O., Resitca, V., **Pinte**a **A.**, et al. Effect of Bioactive Compounds from Pumpkin Powder on the Quality and Textural Properties of Shortbread Cookies. *Foods* 2023, 12, 3907. <https://doi.org/10.3390/foods12213907>; WOS:001103284900001
22. Visan, S., Soritau, O., Tatimir, C., Baldasici, O., Balacescu, L., Balacescu, O., ..& **Pinte**a, **A.** (2023). The Bioactive Properties of Carotenoids from Lipophilic Sea buckthorn Extract (*Hippophae rhamnoides L.*) in Breast Cancer Cell Lines. *Molecules*, 28(11), 4486. WOS:001005012200001
23. AM Dăescu, M Nistor, A Nicolescu, R Pop, A Bunea, D Rugina, **A Pinte**a*, Antioxidant, Enzyme Inhibitory, and Protective Effect of Amelanchier lamarckii Extract, *Plants*, 2024, 13 (10), 1347, WOS:001231312000001
24. C.E. Gherasim, M. Focșan, C. Ciont, A. Bunea, D. Rugină, **A. Pinte**a*, Stability and Bioaccessibility of Carotenoids from Sea Buckthorn Pomace Encapsulated in Alginate Hydrogel Beads, *Nutrients*, 2024, 16 (16), 2726, WOS:001307287600001
25. V. Popovici, A.B. Boldianu, **A. Pinte**a, V. Caraus, A. Ghendov-Mosanu, I. Subotin, R. Druta, R. Sturza, In Vitro Antioxidant Activity of Liposomal Formulations of Sea Buckthorn and Grape Pomace, *Foods*, 2024 13 (16), 2478, WOS:001305544700001
26. Tudor Cristina, Muntean Patricia Andreea Lia, Socaci Sonia Ancuta, Dulf Francisc Vasile, Bunea Andrea, Rugina Dumitrita, Pinte Adela Mariana*, Stability of Sea Buckthorn, Blackcurrant, Linseed and Olive Oil-In-Water Emulsions against Thermally Induced Oxidation, *BULLETIN OF UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE CLUJ-NAPOCA-FOOD SCIENCE AND TECHNOLOGY* Volume82Issue2Page45-50 DOI10.15835/buasvmcn-fst:2025.0061 Published 2025; IF 0.3; WOS:001599291000005
27. Repciuc, C.C.; Visan, G.-A.-M.; Teleky, B.-E.; Pinte, A.; Novac, C.S.; Oros, N.V., Physico-Chemical and Antimicrobial Evaluation of Ozonated Olive Oil Produced with a Medical-Grade Generator for Veterinary Purposes, *Microorganisms* 2025, 13, 1932. <https://doi.org/10.3390/microorganisms13081932>, IF 4.2; Q2; WOS:001559800200001
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