

# Europass Curriculum Vitae



## Personal information

First names / Surname

**DANIELA CALINA**

Office Address

Office Telephone

E-mail

Nationality

Title

**Professor of Clinical Pharmacy**

Work experience

Dates

2018 - today

Occupation or position held

**Professor (full)** of Clinical Pharmacy, Department of Clinical Pharmacy, Dermatopharmacy and cosmetology, University of Medicine and Pharmacy of Craiova, Romania

**Head of Clinical Pharmacy Dept**, Faculty of Pharmacy, University of Medicine and Pharmacy of Craiova, Romania

2011 – today

**Head of Pharmacy Department**, County Clinical Emergency Hospital of Craiova, Romania

2017

**Habilitated dr in Medicine**

2015-2017

**Associate Professor**, University of Medicine and Pharmacy of Craiova

2010-2015

**Lecturer**, University of Medicine and Pharmacy of Craiova

2008-2010

**Assistant Professor**, University of Medicine and Pharmacy of Craiova

2005-2007

**Teaching Assistant**, University of Medicine and Pharmacy of Craiova

## Main activities and responsibilities

PhD supervisor in the field of Medicine, activities of teaching, including the coordination of the graduation dissertation, continuing education courses. Coordinating the laboratory activity and teaching the Clinical Pharmacy course, Dermatopharmacy and Cosmetology course for the students in Pharmacy.  
Head Coordinator of residency training in Clinical Pharmacy specialty.  
Research in the field of Clinical and experimental Pharmacology, Clinical Pharmacy, Experimental and Clinical Toxicology: pharmaco-toxicological testing, phytopharmacology, metabolomics.

Member of the organizing and scientific committee of numerous local / national manifestations

- Member in the scientific committee of „National Congress of Pharmacy Students from Romania” – 30 March - 3 April 2016, Craiova, Romania
- Member in the scientific committee of „National Conference of Clinical Pharmacy” First Edition „Clinical Pharmacy – New frontiers” – 17-18 June 2016, Bucharest, Romania
- Member in the scientific committee of 2nd edition of the multidisciplinary conference with international attendance entitle “The importance of multidisciplinary approach in promoting patient safety”, 18<sup>th</sup>-20<sup>th</sup> of May 2017, Bucharest, Romania
- Member in the scientific committee of „National Conference of Clinical Pharmacy” Second Edition “Challenges of contemporary pharmacotherapy”, – 15-17 June 2017, Bucharest, Romania

## Scientific distinctions

- **Associate member of World Academy of Science (since 2019)**
  - <http://www.worldacademyofsciences.com/members.html>
- **UEFISCDI (Executive Unit for Financing Higher Education, Research, Development and Innovation) Prizes in 2018 -2021 through the program PN-III-P1-1.1- PRECISI-2019 – 33981** for more than 150 ISI published articles in high impact journals.
- **Special Prize** for the paper “Etiopathogeny and risk factors for urinary tract infections in children” at „National Conference of Clinical Pharmacy” First Edition „Clinical Pharmacy – New frontiers ” – 17-18 June 2016, Bucharest, Romania, ISBN 978-973-0-21752-0, authors: **Calina Daniela**, Gofita Eliza, Docea Anca, Zlatian Ovidiu, Balasoiu Maria.
- **Honorable Mention for the poster presentation:** “Evaluation of long term low dose exposure to mixtures on the lymphocytes type of the peripheral blood of rats”, authors: Kalogeraki A, Stivaktakis P, Docea AO, Calina D, Gofita E, CrengutaNicolae A, Dragoi CM, Nikitovic D, Tzardi M, Tsatsakis A at Romanian National Congress of Toxicology with international attendance, second edition– 2-4 November 2017, Bucharest, Romania.
- **Award nominee** for the article: Involvement of Microbial Flora in Etiology of Chronic Infectious Diseases, published in the European Journal of Hospital Pharmacy Science and Practice 2015; 22: A57 doi:10.1136 / ejhpharm-2015-000639.137 (2015) IF 0.433 and presented orally on 26 March to the 20th Congress of EAHP 25-27 March 2015, Hamburg, Germany.

## PhD

2001-2006. Diploma of **PhD in Medical sciences**, University of Medicine and Pharmacy of Craiova, Romania

## MSc

### Dates

- 2016-2017. Pharmacology and Toxicology - master
- 2010-2012. The Management of Health Units – master

## Title of qualification awarded

- 1998-2003. **PharmD**, Diploma of licence in Pharmaceutical Sciences, University of Medicine and Pharmacy of Craiova, Romania
- 1992-1998. **MD**, Diploma of licence in Medicine (General Medicine), University of Medicine and Pharmacy of Craiova, Romania
- 2011- today. Primary clinical pharmacist, Head of Pharmacy Department, County Clinical Emergency Hospital of Craiova, Romania
- 2006-2011. Specialist clinical pharmacist, County Clinical Emergency Hospital of Craiova, Romania
- 2004-2006. Residency training in Clinical Pharmacy specialty, “Carol Davila” University of Medicine and Pharmacy, Bucharest, Romania

## Research interests

General Medicine, Clinical Pharmacy  
General, special, clinical and experimental pharmacology  
Experimental and clinical toxicology, Metabolomics, Clinical trials

## Editorial role

### Editorial board member

- **Associate Editor** – *Frontiers in Pharmacology* (Frontiers), Q1, IF 5,81
- **Editorial Board Member**  
*World Academy of Science Journal* (Spandidos Publications)  
*International Journal of Functional nutrition* (Spandidos Publication)
- **Guest Associate Editor:**
- **Guest Associate Editor. *Frontiers in Nanotechnology*, 2022,**  
Research Topic: "Novel nanoscale Patterns, Functionalization, and Topography to control cell culturing, behavior, organization and signaling pathways"  
<https://www.frontiersin.org/research-topics/44075/novel-nanoscale-patterns-functionalization-and-topography-to-control-cell-culturing-behavior-organiz>
- **Guest Associate Editor. *Frontiers in Pharmacology, Inflammatory Pharmacology*, 2022, Research Topic**  
„Inflammation and Aging in Chronic and Degenerative Diseases: Current and Future Therapeutic Strategies“  
<https://www.frontiersin.org/research-topics/32600/inflammation-and-aging-in-chronic-and-degenerative-diseases-current-and-future-therapeutic-strategie>
- **Guest Associate Editor. *Frontiers in Pharmacology, Ethnopharmacology*, 2021,**  
Research Topic „Natural Bioactive Compounds and Neurodegenerative Disorders from Molecular Mechanisms Towards Clinical application“  
[frontiersin.org/research-topics/15949/natural-bioactive-compounds-and-neurodegenerative-disorders-from-molecular-mechanisms-towards-clinic](https://www.frontiersin.org/research-topics/15949/natural-bioactive-compounds-and-neurodegenerative-disorders-from-molecular-mechanisms-towards-clinic)  
<https://www.frontiersin.org/research-topics/15949>
- **Guest Associate Editor. *Frontiers in Medicine, Translational Medicine*, 2021,**  
Research Topic: "Anthropogens, Lifestyle and Pathophysiology of Chronic Diseases: from Mutual Interplay to Translational Research and Personalized Medicine"  
<https://www.frontiersin.org/research-topics/21954/anthropogens-lifestyle-and-pathophysiology-of-chronic-diseases-from-mutual-interplay-to-translationa>
- **Guest Editor: *Life, MDPI*, 2021, Special issue „Old and New Pandemics: challenges for humans“**  
[https://www.mdpi.com/journal/life/special\\_issues/pandemics](https://www.mdpi.com/journal/life/special_issues/pandemics)
- **Guest Editor: *Medicina MDPI*, 2020, Special Issue "Modern lifestyle, anthropogens and chronic diseases from myths to reality".**  
[https://www.mdpi.com/journal/medicina/special\\_issues/anthropogens\\_chronic\\_diseases](https://www.mdpi.com/journal/medicina/special_issues/anthropogens_chronic_diseases)

## Reviewer

Nutrition, Natural product research, Food and Chemical Toxicology, Oncology Reports, Oncology Letters, Acta endocrinologica, Toxicology Reports, Farmacia Journal, Journal of Herbal Medicine, Journal of Biological Regulators and Homeostatic Agents, Experimental and therapeutic medicine, Marine drugs, International Journal of Molecular Science, Coatings, ACS Omega, NeuroSci, Cells, Sustainability, IJERPH (MDPI), Life, Nanomaterials, Molecules, Antibiotics, Frontiers in Medicine, Frontiers in Public Health, International Immunopharmacology, Journal of Translational Medicine, Brazilian Journal of Pharmaceutical Sciences, RSC Medicinal Chemistry, Pharmacological Reports, Journal of Ethnopharmacology, Phytomedicina

## Membership in scientific societies

- International Pharmaceutical Federation (FIP)
- European Society of Clinical Microbiology and Infectious Diseases (ESCMID)
- European Association of Toxicology (EUROTOX)
- European Association of hospital pharmacists (EAHP)

## Plenary Lectures

## Invited speaker

1. Clinical nutrition and its importance in hospitalized patients. Pharma Med Craiova-, 22-23 June 2022
2. The role of the pharmacist in anti-smoking therapy. Pharma Med Timisoara, 5-6 October 2022.
3. The pharmacist - unconditional support for patient counseling. Pharma Forum Craiova, 5-6 March 2022.
4. The hospital pharmacist, an indispensable link in the medical-pharmaceutical system, Alliance Healthcare Romania conference, 18-20 May, Bucharest, Romania.
5. Acne treatment - from the empirical phytotherapeutic to nanotechnologies. International conference "Iasi Dermatological Spring", Iasi, July 2021, Romania
6. Potential COVID-19 vaccines. Pharma Forum Craiova, June 2021, Romania
7. Management of patients with dyslipidemia: the pharmacist's approach. Conference 360° Prevention, 2021, Romania
8. Potential vaccines Covid-19. National Pharmacy Conference, November 14-16, 2020, Bucharest, Romania
9. Eating habits and chronic diseases. National Pharmacy Conference, November 14-16, 2020, Bucharest
10. Potential vaccines: current status and perspectives. Pharma Forum Craiova, 26-28 November, 2020.
11. The management of dislipidemic patients. Pharma Forum Craiova, 21-22 October, 2020.
12. Covid-19 vaccines: an update and ethical considerations. The 4th Conference of the Romanian Association of Immuno-Dermatology. The 49th Conference of the Romanian Society of Immunology, 30 Sept-03 Oct, Bucharest, Romania. Member in Scientific Comitee of the Conference.
13. COVID-19 vaccines: an update and ethical considerations. 11<sup>th</sup> International Conference, Bionanotox 2020, September 7-8, Heraklion, Greece.
14. New horizons of nanomedicine in cancer: Nanocurcumin. National Pharmacy Conference, November 14-16, 2019, Bucharest
15. Assessing the safety of using silver nanoparticles as antimicrobial agents. National Pharmacy Conference, November 14-16, 2019, Bucharest
16. The pharmacist's role in smoking cessation therapy; 11th edition of the national interdisciplinary pharmacist-physician conference, 15-17 November 2018, Bucharest.
17. Marine bioresources: potential uses in dermatocosmology. Primaderm, ed. And VIIa 24-26 May, 2018, Iasi.
18. Pharmaceutical pods in European pharmacies: legislation and resolutions of the European Council; Farmacist.ro Conference, 19-20 September 2017, Craiova
19. Acne treatment - from phytotherapeutic empiric to nanotechnology. First Congress of the Romanian Immunod Dermatology Association, October 2017, Bucharest
20. Insight into reducing polypharmacy in elderly: deprescribing / A view of reducing polymedication in the elderly: deprescribing. National Congress of Toxicology, 2nd ed., November 2017, Bucharest
21. Age-dependent refractory acne - endocrinological, dermatological congruences
22. and pharmacological. National Pharmacy Conference, 16-18 November, Bucharest, 2017
23. Impact of the European Council's legislation and resolutions on some medicinal products. Practical Farm Symposium, 61, 2017, Baile Herculane

### Workshops

- Polypragmazy in the elderly "too many" drugs or a necessity. National Congress of Romanian Pharmacists Students; March 30 - April 3, 2016; Craiova; FASFR, OSF and UMF Craiova.
- Diagnosis and treatment of acne in hormone pathology. First Congress of the Romanian Immunod Dermatology Association, October 2017, Bucharest.
- Neurotoxicity and behavioral outcomes of cholinesterase inhibitors-from mechanism of action to health effects – at the 2<sup>nd</sup> edition of multidisciplinary conference with international attendance entitle "The importance of multidisciplinary approach in promoting patient safety", 18<sup>th</sup>-20<sup>th</sup> of May 2017, Bucharest, Romania
- Mixtures effects on biochemical parameters after long-term low-dose exposure /
- Effects of long-term administration of low doses of xenobiotic mixtures on biochemical parameters. Authors: Anca Oana Docea, Daniela Cornelia Calina, Eliza Gofita, Ovidiu Zlatian, Marius Varut, Cristian Olaru. National Congress of Toxicology with International Participation, 3rd edition, 3-4 November 2017, Bucharest.
- Evaluation of adverse effects in antiviral therapies in virus infection C. Authors: Docea AO, Mitruț P, Călina D, Gofița E. "National Conference of Clinical Pharmacy" Second Edition "Challenges of contemporary pharmacotherapy" - 15-17 June 2017, Bucuresti, Romania.
- Predicting the incidence of adverse effects in dual therapy with peg-interferon and ribavirin in the treatment of chronic hepatitis C virus by pharmacogenomic tests. AO Docea, R Mitruț, E Gofita, D. Călina. National Conference of Clinical Pharmacy "Second Edition" Challenges of Contemporary Pharmacotherapy "- 15-17 June 2017, Bucharest, Romania.

	<ul style="list-style-type: none"><li>The study of Entecavir treatment side effects on patients with chronic hepatitis B virus infection. Authors: Docea AO, Gofita E, Calina D, Mitrut P. First Romanian National Congress of Toxicology with international attendance, 16-18 October, Bucharest, 2015.</li><li>Involvement of microbial flora in the etiology of surgical site infections. 2047-9964 (online) Eur J Hosp Pharm 2015;22: A57 doi: 10.1136 / ejhpharm-2015-000639.137. IF = 0.43 (Poster Award Nominee) SRI 0.128.Authors: Calm D, Staicu I, Rosu L, Rosu AF, Zlatian O</li><li>Lead Poisoning caused by boilers used to plum brandy distillation - International Congress of Clinical Pharmacology, Therapeutics and Toxicology, 7-11 June 2011, Bucharest, Romania. Authors: Mitruț AO, Eliza Gofita, Mitruț P., Calina D</li><li>The management of acute bacterial pneumonia in elderly patients - International Congress of Clinical Pharmacology, Therapeutics and Toxicology 7-11 June 2011, Bucharest, Romania. Authors: Mitruț AO, Călina D, Mitruț P, Gofiță E</li><li>Study of the sensitivity to antibiotics of Staphylococcus aureus strains isolated from genital infections. International Congress of the Romanian Society of Clinical Pharmacology, Therapeutics and Toxicology 7-11 June 2011, Bucharest, Romania. Authors: Mitruț AO, D Călina, Gofița E, Roșu L, Mitruț P.</li></ul>																														
ORCID ID	<a href="https://orcid.org/0000-0002-1523-9116">https://orcid.org/0000-0002-1523-9116</a>																														
Web of Science researcher ID	I-5509-2017																														
Funded Research Projects	<p>Internal grants of University of Medicine and Pharmacy of Craiova, Romania</p> <ul style="list-style-type: none"><li>Influence of antibiotic therapy on the occurrence of multiresistance in germs involved in infections of the patients from the Anesthesia and Intensive Care Unit of the Emergency County Clinical Hospital Craiova, grant no. 15/8.01.2015 (8.01.2015 - 30.10.2016)</li><li>Evaluation of the efficacy and safety of the Calceformin preparation in elderly women with osteoporosis as a non-hormonal stimulant of the hypothalamic-pituitary system and as a source of bioavailable calcium and vitamin D3 (prospective study), grant 759/11.07.2016 (15.07. 2016- 15.07.2017)</li><li>Measurement of therapeutic adherence. Predictive factors on the magnitude of therapeutic adherence, grant 560/19.05.2016, (01.06.2016 - 30.11.2017)</li><li>Bacteriological and antibiotic resistance research in patients with suppressed upper respiratory tract infections. Grant no 1054/26.10.2016 (26.10.2016-25.10.2017)</li><li>Study of the anti-aging effect caused by telomerase activation of some food supplements with Astragalus membranaceus extract. 2019</li></ul>																														
Personal skills and competences																															
Mother tongue	Romanian																														
Other languages	English																														
Self-assessment <i>European level (*)</i>	<table><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><tr><td></td><td>C2</td><td></td><td>C2</td><td></td><td>C2</td><td></td><td>C2</td><td></td><td>B1</td></tr></table>	Understanding				Speaking				Writing		Listening		Reading		Spoken interaction		Spoken production					C2		C2		C2		C2		B1
Understanding				Speaking				Writing																							
Listening		Reading		Spoken interaction		Spoken production																									
	C2		C2		C2		C2		B1																						
Language: English																															
	(*) <i>Common European Framework of Reference for Languages</i>																														
Social skill and competences	Good communication ability, very good team integration																														

Organisational skills and competences	Excellent communication skills, experience in research projects, experience in management and leading positions
Technical skills and competences	Clinical pharmacy, Clinical and experimental pharmacology, clinical Toxicology, Clinical trials, Metabolomics, ethnopharmacology, pharmaco-toxicological testing (experimental models for the evaluation of the action and toxicity of medicines or toxic substances; in vitro studies on cell suspensions) Physico-chemical methods of analysis, including on biological samples: chromatographic analysis using techniques as Thin Layer Chromatography – High Performance Thin Layer Chromatography (TLC-HPTLC), High Performance Liquid Chromatography (HPLC), Gas Chromatography – Mass Spectrometry (GC-MS), Liquid Chromatography – Mass Spectrometry (LC-MS); Ultraviolet – Visible (UV-VIS) spectrophotometry
Computer skills and competences	Good ability to use Microsoft Office™ (Word™, Excel™ și PowerPoint™).
<b>Publications Books</b>	<p>12 Book chapters – author with didactic profile 7 Books Chapters in international publishers</p> <ul style="list-style-type: none"> <li>Georgiadis, G., Docea, A.O., <b>Calina, D.</b>, Tsatsakis, A., Mamoulakis, C. (2022). Contrast-Induced Nephropathy (CIN) and Biomarkers. In: Patel, V.B., Preedy, V.R., Rajendram, R. (eds) Biomarkers in Toxicology. Biomarkers in Disease: Methods, Discoveries and Applications. <b>Springer</b>, Cham. <a href="https://doi.org/10.1007/978-3-030-87225-0_56-1">https://doi.org/10.1007/978-3-030-87225-0_56-1</a></li> <li>Anca Oana Docea, <b>Daniela Calina</b>, Aristidis Tsatsakis. Chapter 1: Mixture toxicity evaluation in modern toxicology. Book: Toxicological Risk Assessment and Multi-System Health Impacts from Exposure. ISBN: 9780323853583 <b>Elsevier</b>, Academic Press, 2021</li> <li><b>Daniela Calina</b>, Felix Carvalho, Anca Oana Docea. Chapter 43: Toxicity of psychedelic drugs. Book: Toxicological Risk assessment and Multi-system Health Impacts from exposure. ISBN: 9780323853583. <b>Elsevier, Academic Press, 2021</b></li> <li>Mitruț P, Mitruț AO, Streba L, <b>Calina D</b>, Salplahta D. <b>Chapter 3:</b> Sedation Related to Gastrointestinal Endoscopy. <b>Book:</b> Gastrointestinal Endoscopy. Editor: O Pascu. ISBN: 978-953-307-385-9, <b>InTech</b>, 2011, p.23-44. DOI: 10.5772/23990</li> <li>Mitruț P, Docea AO, <b>Calina CD</b>, Streba L. <b>Chapter 15:</b> Endoscopy in Pregnancy. <b>Book:</b> Endoscopy. Editor: S Amornytin. ISBN: 978-953-51-1071-2, <b>InTech</b>, 2013, p. 349-363. DOI: 10.5772/52550</li> <li>Mitruț P, Docea AO, Kamal AM, Mitruț R, <b>Călina D</b>, Gofiță E, Pădureanu V, Gruia C, Streba L. <b>Chapter 8:</b> Colorectal Cancer and Inflammatory Bowel Disease. <b>Book:</b> Colorectal Cancer – From Pathogenesis to Treatment. Editor: L Rodrigo. ISBN 978-953-51-2545-7, <b>InTech</b>, 2016, p.187-201.</li> <li>Bogdan M, Gofita E, <b>Calina CD</b>, Turcu- Stolica A, Docea AO, Balseanu TA, Camen A, Popa GE, Rusu G, Cristofor I, Pavel L, Mititelu-Tartau L. (May 23rd 2018). <b>Chapter 7:</b> New Antidepressant Medication: Benefits Versus Adverse Effects, Pharmacokinetics and Adverse Effects of Drugs. <b>Book:</b> Pharmacokinetics and Adverse Effects of Drugs. Editor: N. Malangu. ISBN: 978-1-78923-139-7, <b>IntechOpen</b>, 2018, p.126-152.</li> </ul> <p><b>Annex 1. ISI Publications (HI = 40, citations =4746 January 2023; ranked among the world's top 2% of scientists in October 2022 by the Stanford University of the USA)</b></p> <p><b>Annex 2. ISI abstracts</b></p>
<b>Publications in journals</b>	

## Annex 1

### ISI Publications

#### Q1 Journals

1. otyka S, Jaferník K, Ekiert H, Sharifi-Rad J, **Calina D**, Al-Omari B, Szopa A, Cho WC. Podophyllotoxin and its derivatives: Potential anticancer agents of natural origin in cancer chemotherapy. *Biomedicine & Pharmacotherapy*, Volume 158, **2023**,114145 (corresponding author) **IF 7,419**  
<https://doi.org/10.1016/j.biopha.2022.114145>.
2. Pezzani R, Jiménez-García M, Capó X, Sönmez Güler E, Sharopov F, Rachel TYL, Ntieche Woutouoba D, Rescigno A, Peddio S, Zucca P, Tsouh Fokou PV, Martorell M, Gulsunoglu-Konuskan Z, Ydyrys A, Bekzat T, Gulmira T, Hano C, Sharifi-Rad J, **Calina D**. Anticancer properties of bromelain: State-of-the-art and recent trends. *Frontiers in Oncology*. 2023, 12:1068778. (corresponding author) **IF 5,738**  
doi: 10.3389/fonc.2022.1068778
3. Varela, C., Melim, C., Neves, B.G., **Calina D.**, Cabral C. Cucurbitacins as potential anticancer agents: new insights on molecular mechanisms. Varela C, Melim C, Neves BG, Sharifi-Rad J, Calina D, Mamurova A, Cabral C. Cucurbitacins as potential anticancer agents: new insights on molecular mechanisms. *Journal of Translational Medicine*. 2022 , 31;20(1):630. **IF 8,440**  
(corresponding author)  
<https://doi.org/10.1186/s12967-022-03828-3>
4. Konovalov DA, Cáceres EA, Shcherbakova EA, Herrera-Bravo J, Chandran D, Martorell M, Hasan M, Kumar M, Bakrim S, Bouyahya A, Cho WC, Sharifi-Rad J, Suleria HAR, **Calina D** . Eryngium caeruleum: an update on ethnobotany, phytochemistry and biomedical applications. *Chinese Medicine* **17**, 114 (2022) (corresponding author) **IF 4,546**  
<https://doi.org/10.1186/s13020-022-00672-x>
5. Asgharian P, Quispe C, Herrera-Bravo J, Sabernavaei M, Hosseini K, Forouhandeh H, Ebrahimi T, Sharafi-Badr P, Tarhriz V, Soofiyan SR, Helon P, Rajkovic J, Durna Daştan S, Docea AO, Sharifi-Rad J, **Calina D**, Koch W and Cho WC (2022) Pharmacological effects and therapeutic potential of natural compounds in neuropsychiatric disorders: An update. *Frontiers in Pharmacology*. 13:926607. doi: 10.3389/fphar.2022.926607 (corresponding author) **IF 5,988**
6. Sharma E, Attri DC, Sati P, Dhyani P, Szopa A, Sharifi-Rad J, Hano C, **Calina D**, Cho WC (2022) Recent updates on anticancer mechanisms of polyphenols. *Frontiers in Cell and Developmental Biology*. 10:1005910. (corresponding author) **IF 6,081**  
doi: 10.3389/fcell.2022.1005910
7. Sharifi-Rad J, J Herrera-Bravo, S Kamiloglu, K Petroni, A Prakash Mishra, M Monserrat-Mesquida, A Sureda, M Martorell, D Symbat Aidarbekovna, Z Yessimsitova, A Ydyrys, C Hano, **D Calina**, W C. Cho. Recent advances in the therapeutic potential of emodin for human health. *Biomedicine & Pharmacotherapy*. Vol 154,2022. (corresponding author) **IF 7,419**  
[doi.org/10.1016/j.biopha.2022.113555](https://doi.org/10.1016/j.biopha.2022.113555)
8. Kitić D, Miladinović B, Randjelović M, Szopa A, Sharifi-Rad J, **Calina D**, Seidel V. Anticancer Potential and Other Pharmacological Properties of *Prunus armeniaca* L.: An Updated Overview. *Plants*. 2022; 11(14):1885. (corresponding author) **IF 4,658**  
<https://doi.org/10.3390/plants11141885>
9. Popović-Djordjević J, C Quispe, R Giordo, A Kostić, JS Katanić Stanković, PV Tsouh Fokou, K Carbone, M Martorell, M Kumar, G Pintus, J Sharifi-Rad, AO Docea, **Calina D**. Natural products and synthetic analogues against HIV: A perspective to develop new potential anti-HIV drugs. *European Journal of Medicinal Chemistry*, Vol 233,2022,114217. (corresponding author) **IF 7,088**  
<https://doi.org/10.1016/j.ejmech.2022.114217>
10. Sadeghi HM, Adeli I, **Calina D**, Docea AO, Mousavi T, Daniali M, Nikfar S, Tsatsakis A, Abdollahi M. Polycystic Ovary Syndrome: A Comprehensive Review of Pathogenesis, Management, and Drug Repurposing. *International Journal of Molecular Sciences*. 2022; 23(2):583. (corresponding author) **IF 6,208**  
<https://doi.org/10.3390/ijms23020583>
11. Kholodov AS, Tarasenko IA, Zinkova EA, Teodoro M, Docea AO, **Calina D**, Tsatsakis A, Golokhvast KS. The Study of Airborne Particulate Matter in Dalnegorsk Town. *International Journal of Environmental Research and Public Health*. 2021; 18(17):9234. (corresponding author) **IF 3,39**  
<https://doi.org/10.3390/ijerph18179234>

12. Sharifi-Rad J, Quispe Cháve Cz, Rahavian A, Pereira Carneiro JN, Rocha JE, Alves Borges Leal AL, Bezerra Morais Braga MF, CoutinhoMelo Coutinho HM, Ansari Djafari A, Alarcón-Zapata P, Martorell M, Antika G, Boyunegmez Tumer T, Cruz-Martins N, Helon P, Paprocka P, Koch W, DoceaAO, **Calina D**. Bioactive compounds as potential agents for Sexually Transmitted Diseases management: a review to explore molecular mechanisms of action. *Frontiers in Pharmacology* (corresponding author) **IF 5,81**  
doi: 10.3389/fphar.2021.674682. <https://www.frontiersin.org/articles/10.3389/fphar.2021.674682/full>
13. Sharifi-Rad J, Bahukhandi A, Dhyani P, Sati P, Capanoglu E, Docea AO, Al-Harrasi A, Dey A, **Calina D** (2021) Therapeutic Potential of Neoechinulins and Their Derivatives: An Overview of the Molecular Mechanisms Behind Pharmacological Activities. *Frontiers in Nutrition* 8:664197. (corresponding author) **IF 6,576**  
doi: 10.3389/fnut.2021.664197. <https://www.frontiersin.org/articles/10.3389/fnut.2021.664197/full>
14. Islam MS, Quispe C, Hossain R, Islam MT, Al-Harrasi A, Al-Rawahi A, Martorell M, Mamurova A, Seilkhan A, Altybaeva N, Abdullayeva B, Docea AO, **Calina D**, Sharifi-Rad J (2021) Neuropharmacological Effects of Quercetin: A Literature-Based Review. *Frontiers in Pharmacology* 12:665031 (corresponding author) **IF 5,81**  
doi: 10.3389/fphar.2021.665031. <https://www.frontiersin.org/articles/10.3389/fphar.2021.665031/full>
15. Sharifi-Rad J, Quispe C, Shabnum Shaheen, Haouari ME, Azzini E, Butnariu M, Sarac I, Pentea M, Ramírez-Alarcón K, Martorell M, Kumar M, Docea AO, Cruz-Martins N, **Calina D**. Flavonoids as potential anti-platelet aggregation agents: from biochemistry to health promoting abilities. *Critical Reviews in Food Science and Nutrition*, 2021 (corresponding author) **IF 11,176**  
doi: 10.1080/10408398.2021.1924612. <https://www.tandfonline.com/doi/abs/10.1080/10408398.2021.1924612>
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### Annex 2 ISI Abstracts

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