

Europass Curriculum Vitae



Personal information

First names /
Surname

DANIELA CALINA

Office Address

2-4, Petru Rares Street, Craiova 200349, Romania

E-mail

calinadaniela@gmail.com,
daniela.calina@umfcv.ro

Nationality

Romanian

Title

Professor of Clinical Pharmacy

Work
experience

Dates

2018 - today

Occupation or
position held

Full Professor 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 Clinical 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”, 18th-20th 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

- **Ranked among the world's top 2% of scientists in October 2022 and 2023 by the Stanford University of the USA)**
 - <https://elsevier.digitalcommonsdata.com/datasets/btchxkztzyw/6>
- **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 -2022 through the program PN-III-P1-1.1- PRECISI-2019 – 33981** for more than 17 ISI published articles in high impact international 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 Pharmac 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
- *Journal of Advanced Research* (Elsevier), Q1, IF 10,7
- **Editorial Board Member**
World Academy of Science Journal (Spandidos Publications)
International Journal of Functional Nutrition (Spandidos Publication)
Journal of Personalized Medicine (MDPI)
- **Guest Editor: *Journal of Personalized Medicine MDPI***, 2023, Special Issue „Novel Biomarkers in the Diagnostics of Cancer”
https://www.mdpi.com/journal/jpm/special_issues/CIL827EN81
- **Guest Associate Editor. *Frontiers in Nanotechnology***, 2023
Research Topic :”Novel nanoscale Patterns, Functionalization, and Topography to control cell culturing, behavior, organization and signaling pathways - volume
<https://www.frontiersin.org/research-topics/55025/novel-nanoscale-patterns-functionalization-and-topography-to-control-cell-culturing-behavior-organization-and-signaling-pathways---volume-2>
- **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 applicationa”
[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
- **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

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)

Invited speaker

- The key role of pharmacists in dislipidemia management. Current trends in pharmacology, National Conference, Craiova, 2023

Plenary lectures

- Clinical nutrition and its importance in hospitalized patients. Pharma Med Craiova-, 22-23 June 2022
- The role of the pharmacist in anti-smoking therapy. Pharma Med Timisoara, 5-6 October 2022.
- The pharmacist - unconditional support for patient counseling. Pharma Forum Craiova, 5-6 March 2022.
- The hospital pharmacist, an indispensable link in the medical-pharmaceutical system, Alliance Healthcare Romania conference, 18-20 May, Bucharest, Romania.
- Acne treatment - from the empirical phytotherapeutic to nanotechnologies. International conference "Iasi Dermatological Spring", Iasi, July 2021, Romania
- Potential COVID-19 vaccines. Pharma Forum Craiova, June 2021, Romania
- Management of patients with dyslipidemia: the pharmacist's approach. Conference 360° Prevention, 2021, Romania
- Potential vaccines Covid-19. National Pharmacy Conference, November 14-16, 2020, Bucharest, Romania
- Eating habits and chronic diseases. National Pharmacy Conference, November 14-16, 2020, Bucharest
- Potential vaccines: current status and perspectives. Pharma Phorum Craiova, 26-28 November, 2020.
- The management of dislipidemic patients. Pharma Phorum Craiova, 21-22 October, 2020.
- 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.
- COVID-19 vaccines: an update and ethical considerations. 11th International Conferenece, Bionanotox 2020, September 7-8, Heraklion, Greece.
- New horizons of nanomedicine in cancer: Nanocurcumin. National Pharmacy Conference, November 14-16, 2019, Bucharest
- Assessing the safety of using silver nanoparticles as antimicrobial agents. National Pharmacy Conference, November 14-16, 2019, Bucharest
- The pharmacist's role in smoking cessation therapy; 11th edition of the national interdisciplinary pharmacist-physician conference, 15-17 November 2018, Bucharest.
- Marine bioresources: potential uses in dermatocosmology. Primaderm, ed. And VIIa 24-26 May, 2018, Iasi.
- Pharmaceutical pods in European pharmacies: legislation and resolutions of the European Council; Farmacist.ro Conference, 19-20 September 2017, Craiova
- Acne treatment - from phytotherapeutic empiric to nanotechnology. First Congress of the Romanian Immunod Dermatology Association, October 2017, Bucharest
- 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
- Age-dependent refractory acne - endocrinological, dermatological congruences
- and pharmacological. National Pharmacy Conference, 16-18 November, Bucharest, 2017
- 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 2nd edition of multidisciplinary conference with international attendance entitle "The importance of multidisciplinary approach in promoting patient safety", 18th-20th 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, Gofita 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.

- 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.
- 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
- 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
- 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
- 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, Gofiță E, Roșu L, Mitruț P.

ORCID ID

<https://orcid.org/0000-0002-1523-9116>

Web of Science researcher ID

I-5509-2017

Funded Research Projects

Internal grants of University of Medicine and Pharmacy of Craiova, Romania

- 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)
- 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)
- Measurement of therapeutic adherence. Predictive factors on the magnitude of therapeutic adherence, grant 560/19.05.2016, (01.06.2016 - 30.11.2017)
- 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)
- Study of the anti-aging effect caused by telomerase activation of some food supplements with Astragalus membranaceus extract. 2019

Personal skills and competences

Mother tongue Romanian

Other languages English

Self-assessment
European level ()*

**Language:
English**

Understanding		Speaking		Writing	
Listening	Reading	Spoken interaction	Spoken production		
C2	C2	C2	C2	B1	

(*) *Common European Framework of Reference for Languages*

Social skill
and
competences Good communication ability, very good team integration

Excellent communication skills, experience in research projects, experience in management and leading positions
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 cells)

Publications

12 Book chapters – author with didactic profile

12 Books Chapters in international publishers

Books

1 eBook

- Ruhul Amin, Biplob Kumar Dey, **Daniela Calina**, Javad Sharifi-Rad. **Chapter 23** Safety assessment of nanostructured packaging materials. Book: Nanostructured Materials for Food Packaging Applications. 1st Edition. Editors: Jissy Jacob, Ilaria Cacciotti, Sabu Thomas. **Elsevier**, 2024. Paperback ISBN: 9780323995252 9 7 8 - 0 - 3 2 3 - 9 9 5 2 5 – 2; eBook ISBN: 9780323995269
- A O Docea, V Patricia Predoi, D Calina, A L Arsene. Carbamazepine. Reference Module in Biomedical Sciences, Elsevier, 2023, ISBN 9780128012383,
- Nikolouzakis Taxiarchis Konstantinos, Calina Daniela, Brooks Benjamin, Docea Anca and Tsatsakis Aristides (2024)) A critical appraisal of the toxicological aspects of COVID-19 and its vaccines. In: [Wexler], [Phillip] (ed.) Encyclopedia of Toxicology 4th Edition, Vol. [1], Oxford: Elsevier, pp. 1-11.
- Chaudhary P, Alam S, Emon NU, Singh D, Janmeda P, Docea AO, **Calina D**, Sharifi-Rad J (2023). COVID-19: An Overview of Virology, Mutations, Pathology, Epidemiology, Diagnosis, Preventions, and Treatments. In: Chen, JT. (eds) Ethnopharmacology and Drug Discovery for COVID-19: Anti-SARS-CoV-2 Agents from Herbal Medicines and Natural Products. **Springer**, Singapore. https://doi.org/10.1007/978-981-99-3664-9_1
- Frontiers in Medicine, eBook 2022**
<https://www.frontiersin.org/research-topics/21954/anthropogens-lifestyle-and-pathophysiology-of-chronic-diseases-from-mutual-interplay-to-translational-research-and-personalized-medicine>
- Georgiadis, G., Docea, A.O., **Calina, D.**, Tsatsakis, A., Mamoulakis, C. **Chapter 42** 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. **Springer**, Cham., 2022
https://doi.org/10.1007/978-3-030-87225-0_56-1
- Anca Oana Docea, **Daniela Calina**, Aristidis Tsatsakis. **Chapter 1:** Mixture toxicity evaluation in modern toxicology. Book: Toxicological Risk Assessment and Multi-System Health Impacts from Exposure. ISBN: 9780323853583 **Elsevier**, Academic Press, 2021
- Daniela Calina**, Felix Carvalho, Anca Oana Docea. **Chapter 43:** Toxicity of psychedelic drugs. Book: Toxicological Risk assessment and Multi-system Health Impacts from exposure. ISBN: 9780323853583. **Elsevier, Academic Press**, 2021
Mitruț P, Mitruț AO, Streba L, **Calina D**, Salplahta D. **Chapter 3:** Sedation Related to Gastrointestinal Endoscopy. **Book:** Gastrointestinal Endoscopy. Editor: O Pascu. ISBN: 978-953-307-385-9, **InTech**, 2011, p.23-44. DOI: 10.5772/23990
Mitruț P, Docea AO, **Calina CD**, Streba L. **Chapter 15:** Endoscopy in Pregnancy. **Book:** Endoscopy. Editor: S Amornyotin. ISBN: 978-953-51-1071-2, **InTech**, 2013, p. 349-363. DOI: 10.5772/52550,
- Mitruț P, Docea AO, Kamal AM, Mitruț R, **Calina D**, Gofiță E, Pădureanu V, Gruia C, Streba L. **Chapter 8:** Colorectal Cancer and Inflammatory Bowel Disease. **Book:** Colorectal Cancer – From Pathogenesis to Treatment. Editor: L Rodrigo. ISBN 978-953-51-2545-7, **InTech**, 2016, p.187-201.
- Bogdan M, Gofiță E, **Calina CD**, Turcu- Stiolica A, Docea AO, Balseanu TA, Camen A, Popa GE, Rusu G, Cristofor I, Pavel L, Mititelu-Tartau L. (May 23rd 2018). **Chapter 7:** New Antidepressant Medication: Benefits Versus Adverse Effects, Pharmacokinetics and Adverse Effects of Drugs. **Book:** Pharmacokinetics and Adverse Effects of Drugs. Editor: N. Malangu. ISBN: 978-1-78923-139-7, **IntechOpen**, 2018, p.126-152.

Publications in journals

Annex 1. ISI Publications (HI = 62, citations =13821, January 2025)

Ranked among the world's top 2% of scientists in 2022,2023 and 2024 by the Stanford University of the USA)

Annex 2. IBD journals

Annex 3. ISI abstracts

Q1 Journals

1. Ramli, I., Cheriet, T., Posadino, A. M., Giordo, R., Fenu, G., Chukwuemeka Nwachukwu, K., **Calina D**, Sharifi-Rad J, Pintus, G. (2024). Modulating the p53-MDM2 pathway: the therapeutic potential of natural compounds in cancer treatment. *EXCLI Journal*, 23, 1397–1439. (corresponding author) **IF 3,8**
<https://doi.org/10.17179/excli2024-7791>
2. Wiraswati, H. L., Ma'ruf, I. F., Sharifi-Rad, J., **Calina, D.** (2024). Piperine: an emerging biofactor with anticancer efficacy and therapeutic potential. *BioFactors (Oxford, England)*, 10.1002/biof.2134 (corresponding author) **IF 5**
<https://doi.org/10.1002/biof.2134>
3. António Raposo, Dele Raheem, Renata Puppini Zandonadi, Narinder Suri, Adeola Olukosi, Bernardo Romão de Lima, Conrado Carrascosa, Javad Sharifi-Rad, Hyungseo Bobby Ryu, Heesup Han, Daniela Calina. Anethole in cancer therapy: Mechanisms, synergistic potential, and clinical challenges. *Biomedicine & Pharmacotherapy*, Volume 180, 2024, 117449, (corresponding author) **IF 6,9**
<https://doi.org/10.1016/j.biopha.2024.117449>.
4. Azevedo, T., Ferreira, T., Peña-Corona, S. I., Cortes, H., Silva-Reis, R., da Costa, R. M. G., Faustino-Rocha, A. I., Oliveira, P. A., **Calina, D.**, Cardoso, S. M., Büsselberg, D., Leyva-Gómez, G., Sharifi-Rad, J., & Cho, W. C. (2024). Natural products-based antiangiogenic agents: New frontiers in cancer therapy. *Food Frontiers*, 1–44. (corresponding author) **IF 7,4**
<https://doi.org/10.1002/fft2.466>
5. Azzini, E., Barnaba, L., Mattera, M., **Calina, D.**, Sharifi-Rad, J., Cho, W. C. (2024). Updated evidence on raspberries as functional foods: Anticancer bioactivity and therapeutic implications. *Food Frontiers*, 1–32. (corresponding author) **IF 7,4**
<https://doi.org/10.1002/fft2.461>
6. Sharma, E., Tewari, M., Sati, P., Sharma, I., Attri, D. C., Rana, S., Aldahish, A. A., **Calina, D.**, Dhyani, P., Sharifi-Rad, J., & Cho, W. C. (2024). Serving up health: How phytochemicals transform food into medicine in the battle against cancer. *Food Frontiers*, 1–43. (corresponding author) **IF 7,4**
<https://doi.org/10.1002/fft2.439>
7. Peron, G., Mastinu, A., Peña-Corona, S. I., Hernández-Parra, H., Leyva-Gómez, G., **Calina, D.**, Sharifi-Rad, J. (2024). Silvestrol, a potent anticancer agent with unfavourable pharmacokinetics: Current knowledge on its pharmacological properties and future directions for the development of novel drugs. *Biomedicine & pharmacotherapy*, 177, 117047. (corresponding author) **IF 6,9**
<https://doi.org/10.1016/j.biopha.2024.117047>
8. Azzini, E., Peña-Corona, S. I., Hernández-Parra, H., Chandran, D., Saleena, L. A. K., Sawikr, Y., Peluso, I., Dhumal, S., Kumar, M., Leyva-Gómez, G., Martorell, M., Sharifi-Rad, J., **Calina, D.**. Neuroprotective and anti-inflammatory effects of curcumin in Alzheimer's disease: Targeting neuroinflammation strategies. *Phytotherapy research : 2024 PTR*, 10.1002/ptr.8200. **IF 7,2**
9. S. M. Ezzat, R. M. Merghany, P. M. Abdel Baki, N. Ali Abdelrahim, S. M. Osman, M. A. Salem, S. I. Peña-Corona, H. Cortés, L. Kiyekbayeva, G. Leyva-Gómez, J. Sharifi-Rad, **D. Calina**, Nutritional Sources and Anticancer Potential of Phenethyl Isothiocyanate: Molecular Mechanisms and Therapeutic Insights. *Molecular Nutrition and Food Research*. 2024, 2400063. **IF 5,2**
<https://doi.org/10.1002/mnfr.202400063>
10. Kitić, D., Miladinović, B., Randjelović, M., Szopa, A., Seidel, V., Prasher, P., Sharma, M., Fatima, R., Arslan Ateşşahin, D., **Calina, D.**, Sharifi-Rad, J. (2024). Anticancer and chemopreventive potential of Morinda citrifolia L. bioactive compounds: A comprehensive update. *Phytotherapy Research*, 1–19. (corresponding author) **IF 7,2**
<https://doi.org/10.1002/ptr.8137>
11. Jafarnik K, Motyka S, **Calina D**, Sharifi-Rad J, Szopa A. Comprehensive review of dibenzocyclooctadiene lignans from the Schisandra genus: anticancer potential, mechanistic insights and future prospects in oncology. *Chinese Medicine*. 2024;19(1):17. **IF 5,3** (corresponding author)
doi: 10.1186/s13020-024-00879-0.
12. Muhammad Javed Iqbal, Ayesha Kabeer, Zaighum Abbas, Hamid Anees Siddiqui, **Daniela Calina**, Javad Sharifi-Rad & William C. Cho Interplay of oxidative stress, cellular communication and signaling pathways in cancer. *Cell Communication and Signaling* 22, 7 (2024). (corresponding author) **IF 8,4.**

13. Sudeshna Nandi, Somanjana Khatua, Anish Nag, Surjit Sen, Nilanjan Chakraborty, Arghya Naskar, Krishnendu Acharya, Reham Hassan Mekky, Maria del Mar Contreras, **Daniela Calina**, Irene Dini, Javad Sharifi-Rad. Dolastatins and their analogues present a compelling landscape of potential natural and synthetic anticancer drug candidates. *Current Research in Biotechnology*, 2023, 100167, **IF 5,6** (corresponding author)
<https://doi.org/10.1016/j.crbiot.2023.100167>.
14. Danijela Paunovic , Jovana Rajkovic , Radmila Novakovic , Jelica Grujic-Milanovic , Reham Hassan Mekky, Dragos Popa , **Daniela Calina**, Javad Sharifi-Rad. The potential roles of gossypol as anticancer agent: advances and future directions. *Chinese Medicine* 18, 163 (2023). **IF 4,9** (corresponding author)
<https://doi.org/10.1186/s13020-023-00869-8>
15. Nandi, S., Nag, A., Khatua, S., Sen, S., Chakraborty, N., Naskar, A., Acharya, K., **Calina, D.**, Sharifi-Rad, J. (2023). Anticancer activity and other biomedical properties of β -sitosterol: Bridging phytochemistry and current pharmacological evidence for future translational approaches. *Phytotherapy Research*, 1–28. (corresponding author) **IF 7,2**
<https://doi.org/10.1002/ptr.8061>
16. Komal Imran, Muhammad Javed Iqbal, Rameesha Abid, Muhammad Mushtaq Ahmad, **Daniela Calina**, Javad Sharifi-Rad, William C. Cho Cellular signaling modulated by miRNA-3652 in ovarian cancer: unveiling mechanistic pathways for future therapeutic strategies. *Cell Communication Signaling* 21, 289 (2023). (corresponding author) **IF 8,4**.
<https://doi.org/10.1186/s12964-023-01330-x>
17. P. Prasher, R. Fatima, M. Sharma, B. Tynybekov, A. M. Alshahrani, D. Arslan Ateşşahin, J. Sharifi-Rad, **D. Calina**. Honokiol and its analogues as anticancer compounds: Current mechanistic insights and structure-activity relationship, *Chemico-Biological Interactions*, Volume 386, 2023. (corresponding author) **IF 5,1**
<https://doi.org/10.1016/j.cbi.2023.110747>.
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