



## Curriculum vitae Europass



### Informații generale

Nume și prenume

**Anca Oana/ Docea (Mitrut)**

Adresă

Telefon

E-mail

Naționalitate

Data și locul nașterii

### Educație și pregătire

Farmacist

Aria curiculară	Farmacie
Numele și adresa instituției	Universitatea de Medicină și Farmacie din Craiova; Str. Petru Rareș, Nr. 2, 200349, Craiova, România
<b>Perioada</b>	2001-2005
Titlul și calificarea obținută	Diplomă de bacalaureat
Aria curiculară	Subiecte generale
Numele și adresa instituției	Colegiul Național "Carol I" Craiova Str. Ioan Maiorescu, Nr. 2, 200418, Craiova, România
<b>Experiență profesională</b>	
<b>Perioada</b>	07.04.2020- prezent
Ocupația	Reprezentantul Romaniei in Comitetul de Evaluare a riscurilor (CER)
Activități și responsabilități	Elaborarea avizelor ECHA referitoare la riscurile pe care le prezinta substantele pentru sanatatea umana si pentru mediu in cadrul urmatoarelor procese REACH si CLP. Deciziile finale sunt luate de Comisia Europeana.
Denumirea și adresa angajatorului	Agentia Europeana pentru Produse Chimice (ECHA), Telakkakatu Nr. 6, Helsinki, Finland
<b>Perioada</b>	2014 – prezent
Ocupația	Farmacist Specialist Farmacie Clinică
Activități și responsabilități	Farmacie Clinică
Denumirea și adresa angajatorului	Spitalul Clinic Județean de Urgență Craiova, Str. Tabaci Nr. 1, 200642, Craiova, Dolj, România
<b>Perioada</b>	2011 – 2014
Ocupația	Rezident Farmacie Clinică
Activități și responsabilități	Farmacovigilență, Farmacie Clinică
Denumirea și adresa angajatorului	Spitalul Clinic Județean de Urgență Craiova, Str. Tabaci Nr. 1, 200642, Craiova, Dolj, România
<b>Experiență didactică</b>	
<b>Perioada</b>	2011 –2014
Ocupația	<b>Asistent universitar asociat</b> , Disciplina Toxicologie
Activități și responsabilități	Activități practice în cadrul laborator practic cu studenții anului IV și V Farmacie. Activitate de cercetare și științifică
Denumirea și adresa angajatorului	Universitatea de Medicină și Farmacie din Craiova; Str. Petru Rareș, Nr. 2, 200349, Craiova, România
<b>Perioada</b>	2015 –2017
Ocupația	<b>Asistent universitar</b> , Disciplina Toxicologie
Activități și responsabilități	Activități practice în cadrul laborator practic cu studenții anului IV și V Farmacie. Activitate de cercetare și științifică. Îndrumător lucrări de licență studenți Farmacie
Denumirea și adresa angajatorului	Universitatea de Medicină și Farmacie din Craiova; Str. Petru Rareș, Nr. 2, 200349, Craiova, România
<b>Perioada</b>	2017 –Februarie 2020
Ocupația	<b>Sef lucr. Univ.</b> , Disciplina Toxicologie

Activități și responsabilități	Activități didactice cu studenții an IV și V Farmacie și studenții de la Masterul de Laborator Clinic și Analiza Medicamentului. Activități practice în cadrul lucrărilor practice de pregătire. Curs de Toxicologie Analitică și Toxicologie Clinică pentru studenții de la Masterul de Laborator Clinic și Analiza Medicamentului. Coordonator lucrări de licență și de dizertație. Activitate de cercetare și științifică
Denumirea și adresa angajatorului	Universitatea de Medicină și Farmacie din Craiova; Str. Petru Rareș, Nr. 2, 200349, Craiova, România
<b>Perioada</b>	Februarie 2020 - Prezent
<b>Ocupația</b>	<b>Conf. Univ.,</b> Disciplina Toxicologie
Activități și responsabilități	Activități didactice cu studenții an IV și V Farmacie și studenții de la Masterul de Laborator Clinic și Analiza Medicamentului. Activități didactice cu studenții anului V la disciplina de Farmacovigilență. Activități practice în cadrul lucrărilor practice de pregătire. Curs de Toxicologie Analitică și Toxicologie Clinică pentru studenții de la Masterul de Laborator Clinic și Analiza Medicamentului. Coordonator lucrări de licență și de dizertație. Activitate de cercetare și științifică
Denumirea și adresa angajatorului	Universitatea de Medicină și Farmacie din Craiova; Str. Petru Rareș, Nr. 2, 200349, Craiova, România
<b>Competențe și aptitudini personale</b>	
Limba nativă	Română
Alte limbi	Engleză, Spaniolă
Autoevaluare	
Engleză	Înțelegere: ascultare (C2- avansat), citire (C2- avansat) Vorbire: conversație (C2- avansat), discurs (C2- avansat), sciere (C2-avansat)
Spaniolă	Înțelegere: ascultare (C1), citire (C1) Vorbire: conversație (C1), discurs (C1), sciere (B1 – vorbitor independent)
Competențe și aptitudini sociale	Stagiile interne și externe au ajutat întotdeauna la dezvoltarea spiritului de echipă, a capacității de comunicare și de adaptare la mediile multiculturale

<p>Competențe organizatorice</p>	<p>Membru în comitetul de organizare sau în comitetul științific al diferitelor manifestări locale/naționale:</p> <ul style="list-style-type: none"> <li>• Membru în comitetul științific al „Congresul Național al Studenților Farmaciști din România” – 30 Martie - 3 Aprilie 2016, Craiova, Romania</li> <li>• Membru în comitetul științific al „Conferința Națională de Farmacie Clinică” Prima ediție „Farmacia Clinică – Noi Frontiere” – 17-18 Iunie 2016, București, Romania</li> <li>• Membru în comitetul științific al ediției a doua a conferinței multidisciplinare „Importanța abordării multidisciplinare în promovarea siguranței pacientului” 18- 20 mai 2017, București, Romania</li> <li>• Membru în comitetul științific - Conferința Națională de Farmacie Clinica Ediția II „Provocări ale farmacoterapiei contemporane”, 15-17 Iunie 2017, București, România</li> <li>• Membru în comitetul științific - Conferința Națională de Farmacie, 16-18 noiembrie 2017, București, România</li> <li>• Membru în comitetul științific al a 7-a ediție a Primavara Dermatologică Ieșeană, 24-26 mai, 2018, Iași, România</li> <li>• Membru în comitetul științific - Al doilea Congres al Asociației Române de Imuno-Dermatologie „Congruențe interdisciplinare în imuno-dermatologie”, 27-29 septembrie 2018, București, România</li> <li>• Membru în comitetul științific - Conferința Națională de Farmacie, 15-17 Noiembrie 2018, București, România</li> <li>• Membru în comitetul științific al conferinței “Dermato-Farmacia – Abordări Interdisciplinare” organizat de Organizația Studenților Farmaciști a UMF Craiova, 23 Noiembrie 2018, Craiova, România</li> </ul>
<p>Competențe informatice</p>	<p>Microsoft Office™ (Word™, Excel™ și PowerPoint™); Adobe Creative Suite, Corel, Illustrator</p>
<p>Competențe Profesionale</p> <p><b>Proiecte de cercetare</b>  <b>Studii multicentrice</b>  <b>internationale</b>  <b>Director de proiect în granturi</b>  <b>obținute prin competiție</b></p>	<p><b>ERT (European Registered Toxicologist) din Ianuarie, 2018</b></p> <ul style="list-style-type: none"> <li>• Clinical Trial ETRO GA29103 realizat de Quintiles LTD Subinvestigator, 2014.</li> <li>• <b>Proiect de mobilitate PN-III-P1-1.1-MC2017-0594</b> câștigat prin competiție națională și finanțat de UEFISCDI – director de proiect</li> <li>• <b>Studierea efectului anti-ageing determinat de activarea telomerazei al unor suplimente alimentare cu extract de Astragalus membranaceus.</b> Contract 162/07.03.2018. UMF Craiova (executant); SC Onioptic SRL (Finanțator) câștigat prin competiție - <b>director de proiect</b></li> <li>• <b>Proiect de mobilitate PN-III-P1-1.1-MC2018-1290</b> câștigat prin competiție națională și finanțat de UEFISCDI - director de proiect</li> <li>• <b>Proiect de mobilitate PN-III-P1-1.1-MC2018-1295</b> câștigat prin competiție națională și finanțat de UEFISCDI - director de proiect</li> <li>• <b>Proiect de mobilitate PN-III-P1-1.1-MC-2019-0525,</b> câștigat prin competiție națională și finanțat de UEFISCDI - director de proiect</li> <li>• <b>Proiect de mobilitate pentru cercetatori PN-III-P1-1.1-MC-2019-0534,</b> câștigat prin competiție națională și finanțat de UEFISCDI - director de proiect</li> <li>• <b>Proiect POC/62/1/3 Stimularea cererii întreprinderilor pentru inovare prin proiecte CDI derulate de întreprinderi individual sau în parteneriat cu institutii de CD si universitati, în scopul inovării de procese si de produse în sectoarele economice care prezintă potențial de creștere – COD SMIS 109022: „Terapie personalizata în funcție de profilul imunohistochimic al fragmentelor tumorale în carcinoamele gastrice/GASTROTRET”,</b> câștigat prin competiție națională - director de proiect</li> </ul>

**Training-uri, Workshop-uri,  
Cursuri**

- Mobilitate pe o perioadă de 3 luni în cadrul departamentului de Toxicologie al Facultății de Medicină, Universitatea "Aristotle" din Salonic, Grecia, ca parte a contractului POSDRU/107/1.5/S/82705 în perioada – 01.06.2012-31.08.2012
- Al 17-lea Workshop annual Cefic-LRI– 18-19 Noiembrie 2015, Brussels, Belgia
- CEFIC LRI Workshop on Ambit and Read-Across – 21 Ianuarie 2016, Brussels, Belgia
- Workshop-ul Farmacoeconomie – Introducere în Evaluarea Tehnologiilor Medicale – 26 Mai 2017, Craiova, România
- Training privind fiziologia rozătoarelor, tehnici de colectare a sângelui de la animale de laborator, tehnici de sacrificare și colectare a organelor de la animalele de laborator cu Profesorul Ioannis Taizougrou, din cadrul Scolii de Științe Medicale, Facultatea de Medicină Veterinară, Universitatea Aristotle, Salonic, Grecia între 27 – 29 Septembrie 2017
- Training privind metode informatice de analiză a bazelor de date transcriptomice în cadrul Departamentului de Genetică Medicală și Moleculară, King's College London, Facultatea de Medicină între 27 Ianuarie și 10 Februarie 2018.
- Training privind utilizarea modelului *C. elegans* pentru evaluarea neurotoxicității xenobioticelor în cadrul Departamentului de Farmacologie Moleculară, Albert Einstein College of Medicine, New York, USA între 24 Octombrie și 7 Noiembrie 2018.
- Training privind noi biomarkeri de evaluare a expunerii umane la pesticide în cadrul departamentului de Medicină Legală, Toxicologie și Antropologie din cadrul Universității din Granada, Spania, între 21 și 28 Noiembrie 2019

**Membru al organizațiilor  
profesionale**

- Membru al Societății Române de Istoria Farmaciei
- Membru al Societății Internaționale de Istoria Farmaciei
- Membru al Societății Române de Științe Farmaceutice
- Membru al Societății Române de Toxicologie
- Membru al Societății Europene de Toxicologie (EUROTOX)

**Recenzor invitat pentru  
reviste indexate  
ISI/MEDLINE**

Food and Chemical Toxicology, Elsevier  
Environmental Research, Elsevier,  
Environmental Toxicology and Pharmacology, Elsevier,  
Life Sciences, Elsevier,  
PLOS ONE,  
ANIMAL, The international journal of animal bioscience, Cambridge University press,  
Human and Experimental Toxicology, Sage Journals,  
Molecular Medicine Reports, Spandidos Publications, (  
Environmental Pollution, Elsevier  
Toxicology Reports, Elsevier  
Journal of Complementary and Integrative Medicine, De Gruyter  
Recent Patents on Inflammation & Allergy Drug Discovery, Bentham Science Publishers  
Achievements in the Life Sciences, Elsevier  
MDPI Journals

**Membru al Comitetelor  
editoriale**

Membru al Editorial board: **Trends in Toxicology and Related Sciences**, ISSN: 2559-0251; ISSN-L: 2559-0251  
Membru al Editorial board: **Public Health Toxicology**, Science and Technological Park of Crete, Greece  
Membru al Editorial board: **World Academy of Sciences Journal**, Spandidos Publications, Print ISSN: 2632-2900; Online ISSN: 2632-2919  
Membru al Editorial board: **Regulatory Toxicology and Pharmacology**, Elsevier, ISSN: 0273-2300  
Topic editor: **Life**, MDPI; ISSN 2075-1729; CODEN: LBSIB7

<b>Guest editor</b>	<p>Pentru ediția specială intitulată: <b>A vision for the future of pesticide toxicology</b>, din Toxicology reports, Elsevier, ISSN: 2214-7500;  <a href="https://www.journals.elsevier.com/toxicology-reports/call-for-papers/a-vision-for-the-future-of-pesticide-toxicology">https://www.journals.elsevier.com/toxicology-reports/call-for-papers/a-vision-for-the-future-of-pesticide-toxicology</a></p> <p>Pentru ediția specială intitulată: <b>Modern lifestyle, anthropogens and chronic diseases from myths to reality</b>, din Medicina, MDPI, ISSN:1010-660X;  <a href="https://www.mdpi.com/journal/medicina/special_issues/anthropogens_chronic_diseases">https://www.mdpi.com/journal/medicina/special_issues/anthropogens_chronic_diseases</a></p> <p>Pentru editia speciala intitulata: <b>Application of novel technologies and mechanistic data for risk assessment under the real-life risk simulation (RLRS) approach</b>, din Food and Chemical Toxicology, Elsevier –<a href="https://www.sciencedirect.com/journal/food-and-chemical-toxicology/special-issue/1012CRNZTFK">https://www.sciencedirect.com/journal/food-and-chemical-toxicology/special-issue/1012CRNZTFK</a></p> <p>Pentru editia specială intitulată: <b>Molecular biology, phytochemistry and pharmacological properties of bioactive compounds</b> din Cellular and Molecular Biology, CMB Association Publisher, E-ISSN : 1165-158X;  <a href="https://www.cellmolbiol.org/index.php/CMB/pages/view/Call%20for%20Papers">https://www.cellmolbiol.org/index.php/CMB/pages/view/Call%20for%20Papers</a></p> <p>Pentru editia specială intitulată: <b>Natural Bioactive Compounds and Neurodegenerative Disorders: From Molecular Mechanisms Towards Clinical Therapies</b>, din Frontiers in Pharmacology, <a href="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/natural-bioactive-compounds-and-neurodegenerative-disorders-from-molecular-mechanisms-towards-clinic</a></p> <p>Pentru editia specială intitulată: <b>Old and New Pandemics: Challenges for Humans</b>, din Life, MDPI; ISSN 2075-1729; CODEN: LBSIB7,  <a href="https://www.mdpi.com/journal/life/special_issues/pandemics">https://www.mdpi.com/journal/life/special_issues/pandemics</a></p>
<b>Associate Editor</b>	Toxicology reports, Elsevier, ISSN: 2214-7500
<b>Prelegeri Plenare</b>	<ol style="list-style-type: none"> <li>1. <b>Anca Oana Mitruț</b>, Eliza Gofița, Mitruț P., Călina D - <b>Lead Poisoning caused by boilers used to plum brandy distillation</b> - International Congress of Romanian Society of Clinical Pharmacology, Therapeutics and Toxicology, 7-11 iunie 2011, București, România</li> <li>2. <b>Anca Oana Mitruț</b>, Daniela Călina, Mitruț P., Gofiță E – <b>The management of acute bacterial pneumonia in elderly patients</b> - International Congress of Romanian Society of Clinical Pharmacology, Therapeutics and Toxicology 7-11 iunie 2011, București, România</li> <li>3. <b>Anca Oana Mitruț</b>, Daniela Călina, Gofiță E., Roșu L., Mitruț P. - <b>Study of the sensitivity to antibiotics of Staphylococcus aureus strains isolated from genital infections</b> - International Congress of Romanian Society of Clinical Pharmacology, Therapeutics and Toxicology 7-11 iunie 2011, București, România</li> <li>4. <b>Anca Oana Docea</b>, Eliza Gofiță, Daniela Călina, Paul Mitruț - <b>The study of Entecavir treatment adverse reactions on patients with chronic hepatitis B virus infection</b> - First Romanian National Congress of Toxicology with international attendance, 16-18 Octombrie 2015, București., România</li> <li>5. <b>Anca Oana Docea</b>, Paul Mitruț, Daniela Calina, Eliza Gofiță – <b>Evaluation of adverse effects in antiviral therapies in virus infection C</b> – „National Conference of Clinical Pharmacy” Second Edition “Challenges of contemporary pharmacotherapy„ – 15-17 Iunie 2017, București, România</li> <li>6. <b>Anca Oana Docea</b>, Daniela Calina, Eliza Gofița, Ovidiu Zlatian, Marius Varut, Cristian Olaru - <b>Mixtures effects on biochemical parameters after long-term low-dose exposure</b> - Congresul National de Toxicologie cu participare internationala – a doua editie – 2-4 Noiembrie 2017, București, România</li> <li>7. <b>AO Docea</b>, AM Kamal, S Serban Sosoï, P Mitruț, R Mitruț R, E Gofița, D Călina. <b>Predictia ratei de aparitie a efectelor adverse in dubla terapie cu peg-interferon si ribavirina in tratamentul hepatitei cronice cu virus C prin teste farmacogenomice.</b> - Conferinta Nationala de Farmacie; Bucuresti; 16-18 noiembrie 2017, Bucuresti, Romania.</li> </ol>

## Lector Invitat

1. **Neurotoxicity and behavioral outcomes of cholinesterase inhibitors-from mechanism of action to health effects** – la a doua ediție a conferinței multidisciplinare intitulată "The importance of multidisciplinary approach in promoting patient safety", 18-20 Mai 2017, București, România
2. **Corelațiile dintre fumat și terapia anticoagulantă orală** - Simpozion Fama Practic, editia 61, 2017, Baile Herculane
3. **Specificul leziunilor cutanate in hipersensibilitatea indusa de agentii de contrast. Rolul comorbiditatilor** – la a 7-a ediție a Primăverii Dermatologice Ieșene, 24-26 Mai 2018, Iași, România
4. **Incidenta leziunilor cutanate in hipersensibilitatea chimica indusa de mediile de contrast** – at the of Second National Congress of Romanian Association of Immuno-Dermatology, 27-29<sup>th</sup> of September 2018, Bucharest, Romania
5. **Expunerea la toxicii din mediu și sindromul metabolic** - "Conferința Națională de Farmacie" – 15-17 Noiembrie 2018, București, România
6. **Centella asiatica effects in dermatology from traditional use to scientific proofs** – "a 8-a ediție a Primăverii Dermatologice Ieșene, 11-13 Aprilie 2019, Iași, România"
7. **In vivo toxicological evaluation of silver nanoparticles** – la a 24-a Interdisciplinary Toxicological Conference Slovakia, Vyhne, 26-28 Iunie 2019
8. **Experimental designs and protocols or long-term combined exposure studies from methodology to application: problems and solutions** – la a 55-a ediție a Congresului Societăților Europene de Toxicologie (EUROTOX), Helsinki, 8-11 Septembrie 2019
9. **New methodological approach for low dose long term exposure to mixtures simulating real life scenarios** – la al XXI Brazilian Congress of Toxicology, Aguas de Lindoia, Brazil, 28-31 October 2019
10. **The relevance of non-monotonic dose-response effects at low doses in chronic diseases: A projection from experimental studies** – la al treilea International Congress Precision Medicine in Disease Diagnosis and Therapy – Pharmacogenomics and Personalized Diagnosis and Therapy, Athens, 10-12 Ianuarie 2020.
11. **Suntem ceea ce mancam: obiceiuri alimentare si bolile cronice** – la Conferinta *Mituri și Adevăruri* despre siguranța "traului modern", 25-26 Martie 2020, conferinta virtuala
12. **COVID-19 vaccines: an update and ethical considerations** – la a 11<sup>a</sup> editie a International Conference, Bionanotox, 7-8 September 2020, Heraklion, Greece
13. **Obiceiuri alimentare si bolile cronice** – la Conferinta Nationala de Farmacie, 26-28 Noiembrie 2020, conferinta virtuala
14. **Vaccinuri potentiale COVID-19** - la Conferinta Nationala de Farmacie, 26-28 Noiembrie 2020, conferinta virtuala
15. **New Methodological Approach for low dose long term exposure to mixtures simulating real life scenario** – la The 1st International Virtual Forum on Modern Toxicology: A 2020 Vision – See the future of Toxicology and Pharmacology and The 33rd Frontier Scientists Workshop, 4-5 Decembrie 2020, organizata de China Medical University and The Korean Academy of Science and Technology, conferinta virtuala
16. **Experimental Studies on Real-Life Risk Simulation Supporting the Shift to New Risk Assessment Approaches** – la al 11-lea Congress of Toxicology in Developing Countries (CTDC11), to be held on June 14 - 16, 2021, Kuala Lumpur, Malaysia.
17. **Ethylene glycol silver nanoparticles as a new option for the treatment of antibacterial infections in wound healing: a toxicological evaluation** – la a 10 editi a "Primaverii dermatologice Iesene" 20-24 Iulie 2021, Iasi, Romania
18. **Noi substante psihoactive si efectele lor asupra consumatorilor** – la Farma Practic – webinar 24-25 Septembrie 2021
19. **Carcinogenicity evaluation of xenobiotics in real-life scenarios** – la 1st OncoHub Conference, 13-15 Octombrie 2021 – Virtual Conference
20. **In vivo toxicological evaluation of silver nanoparticles** – la Second All-Russian Scientific and Practical Hybrid Conference with international participation

“Topical Hygienic Aspects of Nanotoxicology: Theoretical Foundations,  
Identification of Health Hazards and Ways to reduce it”, 20-21 Octombrie 2021,  
Yekaterinburg, Rusia



## Premii științifice

1. **Premiu special pentru lucrarea intitulată** "Etiopathogeny and risk factors for urinary tract infections in children" la Conferința Națională de Farmacie Clinică prima ediție– 17-18 Iunie 2016, București, România, ISBN 978-973-0-21752-0, authors: Calina Daniela, Gofita Eliza, Docea Anca, Zlatian Ovidiu, Balasoiu Maria
2. **Premiu UEFISCDI în 2016** - PN-III-P1-1.1-PRECISI-2016-12009 – pentru articolul "Emerging aspects of nanotoxicology in health and disease: From agriculture and food sector to cancer therapeutics. Food Chem Toxicol. 2016 May;91:42-57"
3. **Bursă Eurotox** de participare la al 53-lea Congres al Societăților Europene de Toxicologie (Eurotox), Bratislava, 10-13 Septembrie 2017
4. **Premiu UEFISCDI în 2017** - PN-III-P1-1.1-PRECISI-2017-15946– pentru articolul "Amphiphilic poly-N-vinylpyrrolidone nanoparticles as carriers for non-steroidal, anti-inflammatory drugs: In vitro cytotoxicity and in vivo acute toxicity study. Nanomedicine. 2017, 13: 1021-1030"
5. **Premiu UEFISCDI în 2017** - PN-III-P1-1.1-PRECISI-2017-15950 pentru articolul - "Mechanistic understanding of nanoparticles' interactions with extracellular matrix: the cell and immune system. Part Fibre Toxicol. 2017 Jun 24;14(1):22."
6. **Premiu UEFISCDI în 2017** - PN-III-P1-1.1-PRECISI-2017-15953 pentru articolul "Protein bio-corona: critical issue in immune nanotoxicology. Arch Toxicol. 2017; 91(3):1031-1048"
7. **Premiu UEFISCDI în 2017** - PN-III-P1-1.1-PRECISI-2017-20823 pentru articolul "New challenges in risk assessment of chemicals when simulating real exposure scenarios; simultaneous multi-chemicals' low dose exposure. Food Chem Toxicol. 2016; 96: 174-176"
8. **Bursă Eurotox** de participare la al 54-lea Congres al Societăților Europene de Toxicologie (Eurotox), Brussels, 2-5 Septembrie 2018
9. **Mentiune specială** pentru lucrarea "Evaluation of long term low dose exposure to mixtures on the lymphocytes type of the peripheral blood of rats", autori: Kalogeraki A, Stivaktakis P, Docea AO, Calina D, Gofita E, Crenguta Nicolae A, Dragoi CM, Nikitovic D, Tzardi M, la Congresul Național de Toxicologie, ediția a doua - 2-4 Noiembrie 2017, București, România
10. **Premiu UEFISCDI în 2018** - PN-III-P1-1.1-PRECISI-2018-22310 pentru articolul "Environmental exposure to organophosphorus nerve agents. Environ Toxicol Pharmacol. 2017;56 (Supplement C):163-71"
11. **Premiul UEFISCDI în 2018** - PN-III-P1-1.1-PRECISI-2018-22313 pentru articolul "Endocrine Disruptors Leading to Obesity and Related Diseases. Int J Environ Res Public Health. 2017 Oct 24;14(10).,,
12. **Premiul UEFISCDI în 2018** - PN-III-P1-1.1-PRECISI-2018-22862 pentru articolul "Human papilloma virus: Apprehending the link with carcinogenesis and unveiling new research avenues (Review). Int J Oncol. 2018;52(3):637-55."
13. **Premiul UEFISCDI în 2018** - PN-III-P1-1.1-PRECISI-2018-23417 pentru articolul "Nanosized carriers based on amphiphilic poly-N-vinyl-2-pyrrolidone for intranuclear drug delivery. Nanomedicine (Lond). 2018"
14. **Premiul UEFISCDI în 2018** - PN-III-P1-1.1-PRECISI-2018-25151 pentru articolul "Six months exposure to a real life mixture of 13 chemicals' below individual NOAELs induced non monotonic sex-dependent biochemical and redox status changes in rats. Food Chem Toxicol. 2018;115:470-81."
15. **Premiul UEFISCDI în 2018** - PN-III-P1-1.1-PRECISI-2018-29212 pentru articolul: "Tsiaoussis J, Hatzidaki E, Docea AO, Nikolouzakakis TK, Petrakis D, Burykina T, Mamoulakis C, Makrigiannakis A, Tsatsakis A. Molecular and clinical aspects of embryotoxicity induced by acetylcholinesterase inhibitors. Toxicology. 2018;409:137-43"
16. **Bursă ICTXV Junior Fellowship a Uniunii Internaționale de Toxicology (IUTOX)** 15th International Congress of Toxicology – ICTXV Junior Fellowship, Honolulu, Hawaii, USA, July 2019
17. **Premiul UEFISCDI în 2019** - PN-III-P1-1.1-PRECISI-2019-32649 pentru articolul "Management of Endocrinopathies in Pregnancy: A Review of Current Evidence. International Journal of Environmental Research and Public Health"
18. **Premiul UEFISCDI în 2019** - PN-III-P1-1.1-PRECISI-2019-32643 pentru articolul "In vitro blood compatibility and in vitro cytotoxicity of amphiphilic poly-N-vinylpyrrolidone nanoparticles Food and Chemical Toxicology"

	<p>19. <b>Premiul UEFISCDI în 2019 - PN-III-P1-1.1-PRECISI-2019-32655</b> pentru articolul "Cucurbits Plants: A Key Emphasis to Its Pharmacological Potential. Molecules</p> <p>20. <b>Premiul UEFISCDI în 2019 - PN-III-P1-1.1-PRECISI-2019-32883</b> pentru articolul "The blood-brain barrier and beyond: Nano-based neuropharmacology and the role of extracellular matrix. Nanomedicine Nanotechnology Biology and Medicine"</p> <p>21. <b>Premiul UEFISCDI în 2019 - PN-III-P1-1.1-PRECISI-2019-32961</b> pentru articolul "Association of nutraceutical supplements with longer telomere length. International journal of Molecular Medicine"</p> <p>22. <b>Premiul UEFISCDI în 2019 - PN-III-P1-1.1-PRECISI-2019-33027</b> pentru articolul "Hormetic Neurobehavioral effects of low dose toxic chemical mixtures in real-life risk simulation (RLRS) in rats. Food and Chemical Toxicology"</p> <p>23. <b>Premiul UEFISCDI în 2019 - PN-III-P1-1.1-PRECISI-2019-35965</b> pentru articolul "The association of female and male infertility with telomere length (Review). INTERNATIONAL JOURNAL OF MOLECULAR MEDICINE"</p> <p>24. <b>Premiul UEFISCDI în 2019 - PN-III-P1-1.1-PRECISI-2019-36484</b> pentru articolul "Veronica Plants-Drifting from Farm to Traditional Healing, Food Application, and Phytopharmacology. Molecules"</p> <p>25. <b>Premiul UEFISCDI în 2019 - PN-III-P1-1.1-PRECISI-2019-37897</b> pentru articolul "The effect of chronic vitamin deficiency and long term very low dose exposure to 6 pesticides mixture on neurological outcomes - A real-life risk simulation approach. Toxicology Letters"</p> <p>26. <b>Premiul UEFISCDI în 2019 - PN-III-P1-1.1-PRECISI-2019-38257</b> pentru articolul "Cucurbita Plants: From Farm to Industry. Applied Sciences-Basel"</p> <p>27. <b>Premiul UEFISCDI în 2019 - PN-III-P1-1.1-PRECISI-2019-39517</b> pentru articolul "A mixture of routinely encountered xenobiotics induces both redox adaptations and perturbations in blood and tissues of rats after a long-term low-dose exposure regimen: The time and dose issue. Toxicology Letters"</p> <p>28. <b>Premiul UEFISCDI în 2019 - PN-III-P1-1.1-PRECISI-2019-39540</b> pentru articolul "Genotoxic, cytotoxic, and cytopathological effects in rats exposed for 18 months to a mixture of 13 chemicals in doses below NOAEL levels. Toxicology Letters"</p> <p>29. <b>Premiul UEFISCDI în 2019 - PN-III-P1-1.1-PRECISI-2019-39547</b> pentru articolul "A Mechanistic and Pathophysiological Approach for Stroke Associated with Drugs of Abuse. Journal of Clinical Medicine"</p>
<b>Rezumat al activității științifice</b>	<p><b>Publicații în extenso:</b></p> <ul style="list-style-type: none"> <li>• Lucrări în extenso publicate în reviste indexate ISI cu factor de impact: <b>104</b> <ul style="list-style-type: none"> <li>○ Dintre care ca autor principal: <b>53</b></li> </ul> </li> <li>• Lucrări în extenso publicate ISI fără factor de impact: <b>6</b> <ul style="list-style-type: none"> <li>○ Dintre care ca autor principal: <b>3</b></li> </ul> </li> <li>• Lucrări în extenso publicate în reviste indexate în baze de date internaționale: <b>9</b> <ul style="list-style-type: none"> <li>○ Dintre care ca autor principal: <b>1</b></li> </ul> </li> </ul> <p><b>Publicații în rezumat:</b></p> <ul style="list-style-type: none"> <li>• Lucrări în rezumat publicate în suplimente indexate ISI: <b>25</b></li> <li>• Lucrări în rezumat publicate la manifestări științifice naționale sau internaționale: <b>37</b></li> </ul> <p><b>Cărți sau capitole în cărți:</b></p> <ul style="list-style-type: none"> <li>• Carte cu profil didactic: <b>2</b></li> <li>• Capitole în cărți în edituri internaționale: <b>7</b></li> </ul>
<b>Indicatori scientometrici</b>	<p>Hirsh Index: <b>33</b> (Web of Science)  <b>38</b> (Google scholar)  <b>31</b> (SCOPUS)</p> <p>ORCID ID: <a href="http://orcid.org/0000-0002-8162-5955">http://orcid.org/0000-0002-8162-5955</a>  Web of Science ResearcherID: P-5807-2019</p>

## **Anexe** | Anexa 1. Lista de lucrări

## LISTA DE LUCRĂRI

### A. LISTA LUCRĂRILOR RELEVANTE PUBLICATE

1. Tsiaoussis J, Hatzidaki E, Docea AO, Nikolouzakakis TK, Petrakis D, Burykina T, Mamoulakis C, Makrigiannakis A, Tsatsakis A. Molecular and clinical aspects of embryotoxicity induced by acetylcholinesterase inhibitors. *Toxicology*. 2018;409:137-43. IF 2017 = 3.265 (autor cu contribuții egale cu primul autor)
2. Docea AO, Gofita E, Goumenou M, Calina D, Rogoveanu O, Varut M, Olaru C, Kerasioti E, Fountoucidou P, Taitzoglou I, Zlatian O, Rakitskii VN, Hernandez AF, Kouretas D, Tsatsakis A. Six months exposure to a real life mixture of 13 chemicals' below individual NOAELs induced non monotonic sex-dependent biochemical and redox status changes in rats. *Food Chem Toxicol*. 2018;115:470-81. IF 2017 = 3.977 (primul autor)
4. Luss AL, Kulikov PP, Romme SB, Andersen CL, Pennisi CP, Docea AO, Kuskov AN, Velonia K, Mezhevov YO, Shtilman MI, Tsatsakis AM, Gurevich L. Nanosized carriers based on amphiphilic poly-N-vinyl-2-pyrrolidone for intranuclear drug delivery. *Nanomedicine (Lond)*. 2018;13(7):703-715 – IF 2017 = 5.005 (coautor)
5. Petrakis D, Vassilopoulou L, Mamoulakis C, Psycharakis C, Anifantaki A, Sifakis S, Docea AO, Tsiaoussis J, Makrigiannakis A, Tsatsakis AM. Endocrine Disruptors Leading to Obesity and Related Diseases. *Int J Environ Res Public Health*. 2017 Oct 24;14(10). IF 2017 = 2.145 (coautor)
6. Engin AB, Nikitovic D, Neagu M, Henrich-Noack P, Docea AO, Shtilman MI, Golokhvast K, Tsatsakis AM. Mechanistic understanding of nanoparticles' interactions with extracellular matrix: the cell and immune system. Part Fibre Toxicol. 2017 Jun 24;14(1):22. IF 2017 = 6.105 (coautor)
7. Kuskov AN, Kulikov PP, Goryachaya AV, Tzatzarakis MN, Docea AO, Velonia K, Shtilman MI, Tsatsakis AM. Amphiphilic poly-N-vinylpyrrolidone nanoparticles as carriers for non-steroidal, anti-inflammatory drugs: In vitro cytotoxicity and in vivo acute toxicity study. *Nanomedicine – Nanotechnology Biology and Medicine*; 2017, 13: 1021-1030 IF 2017 = 6.5 (coautor)
8. Neagu M, Piperigkou Z, Karamanou K, Engin AB, Docea AO, Constantin C, Negrei C, Nikitovic D, Tsatsakis A. Protein bio-corona: critical issue in immune nanotoxicology. *Arch Toxicol*. 2017; 91(3):1031-1048. IF 2017 = 5.728 (coautor)
9. Piperigkou Z, Karamanou K, Engin AB, Gialeli C, Docea AO, Vynios DH, Pavão MS, Golokhvast KS, Shtilman MI, Argiris A, Shishatskaya E, Tsatsakis AM. Emerging aspects of nanotoxicology in health and disease: From agriculture and food sector to cancer therapeutics. *Food Chem Toxicol*. 2016 May;91:42-57. IF 2016 = 3.778 (coautor)
10. Tsatsakis AM, Docea AO, Tsitsimpikou C. New challenges in risk assessment of chemicals when simulating real exposure scenarios; simultaneous multi-chemicals' low dose exposure. *Food Chem Toxicol*. 2016; 96: 174-176. IF 2016 = 3.778 (coautor)

### B. ARTICOLE ÎN EXTENS ÎN REVISTE INDEXATE ISI (Thomson Reuters) CU FACTOR IMPACT – 110

#### AUTOR PRINCIPAL: 57

1. Calina D, Hernández AF, Hartung T, Egorov AM, Izotov BN, Nikolouzakakis TK, Tsatsakis A, Vlachoyiannopoulos PG, Docea AO. Challenges and Scientific Prospects of the Newest Generation of mRNA-Based Vaccines against SARS-CoV-2. *Life*. 2021; 11(9):907. doi.org/10.3390/life11090907 – ultimul autor si autor corespondent - IF 3,817
2. Tsoukalas D, Buga AM, Docea AO, Sarandi E, Mitrut R, Renieri E, Spandidos DA, Rogoveanu I, Cercelaru L, Niculescu M, Tsatsakis A, Calina D. Reversal of brain aging by targeting telomerase: A nutraceutical approach. *Int J Mol Med*. 2021 Nov;48(5):199. doi: 10.3892/ijmm.2021.5032. – autor corespondent – IF 4.101
3. MT Islam, M Hossen, Z Kamaz, A Zali, M Kumar, Ao Docea, Al Arsene, **D Calina**, J Sharifi-Rad. The role of HMGB1 in the immune response to SARS-COV-2 infection: from pathogenesis towards a new potential therapeutic target. *Farmacia*, 2021, 69(4):621-634, <https://doi.org/10.31925/farmacia.2021.4.1> - autor cu contributie egala cu primul autor - **IF 1,433**
4. 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. *Int J Environ Res Public Health*. 2021 Sep 1;18(17):9234. doi: 10.3390/ijerph18179234. – autor corespondent – IF 3.390
5. 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 and Sharifi-Rad J (2021) Neuropharmacological Effects of Quercetin: A Literature Based Review. *Front. Pharmacol*. 12:665031. doi: 10.3389/fphar.2021.665031 – autor cu contributii egale, IF 5.81
6. Scheau C, Caruntu C, Badarau IA, Scheau AE, Docea AO, Calina D, Caruntu A. Cannabinoids and Inflammations of the Gut-Lung-Skin Barrier. *J Pers Med*. 2021 May 31;11(6):494. doi: 10.3390/jpm11060494 – autor corespondent
7. Tsatsakis A, Tyshko NV, Goumenou M, Shestakova SI, Sadykova EO, Zhminchenko VM, Zlatian O, Calina D, Pashorina VA, Nikitin NS, Trebukh MD, Loginova MS, Trushina EN, Mustafina OK, Avrenyeva LI, Guseva

- GV, Trusov NV, Kravchenko LV, Hernández AF, Docea AO. Detrimental effects of 6 months exposure to very low doses of a mixture of six pesticides associated with chronic vitamin deficiency on rats. *Food Chem Toxicol.* 2021 Apr 6;152:112188. doi: 10.1016/j.fct.2021.112188. – ultimul autor
8. Neagu M, Calina D, Docea AO, Constantin C, Filippini T, Vinceti M, Drakoulis N, Poulas K, Nikolouzakis TK, Spandidos DA, Tsatsakis A. Back to basics in COVID-19: Antigens and antibodies-Completing the puzzle. *J Cell Mol Med.* 2021 Mar 18. doi: 10.1111/jcmm.16462. – autor cu contributii egale
9. Tsoukalas D, Zlatian O, Mitroi M, Renieri E, Tsatsakis A, Izotov BN, Burada F, Soso S, Burada E, Buga AM, Rogoveanu I, Docea AO, Calina D. A Novel Nutraceutical Formulation Can Improve Motor Activity and Decrease the Stress Level in a Murine Model of Middle-Age Animals. *J Clin Med.* 2021 Feb 6;10(4):624. doi: 10.3390/jcm10040624. – autor corespondent
10. Amir S, Shah STA, Mamoulakis C, Docea AO, Kalantzi OI, Zachariou A, Calina D, Carvalho F, Sofikitis N, Makrigiannakis A, Tsatsakis A. Endocrine Disruptors Acting on Estrogen and Androgen Pathways Cause Reproductive Disorders through Multiple Mechanisms: A Review. *Int J Environ Res Public Health.* 2021 Feb 4;18(4):1464. doi: 10.3390/ijerph18041464. – autor corespondent
11. Salehi B, Quispe C, Chamkhi I, El Omari N, Balahbib A, Sharifi-Rad J, Bouyahya A, Akram M, Iqbal M, Docea AO, Caruntu C, Leyva-Gómez G, Dey A, Martorell M, Calina D, López V, Les F. Pharmacological Properties of Chalcones: A Review of Preclinical Including Molecular Mechanisms and Clinical Evidence. *Front Pharmacol.* 2021 Jan 18;11:592654. doi: 10.3389/fphar.2020.592654. – autor cu contributii egale
12. Năstăsescu V, Mititelu M, Goumenou M, Docea AO, Renieri E, Udeanu DI, Oprea E, Arsene AL, Dinu-Pîrvu CE, Ghica M. Heavy metal and pesticide levels in dairy products: Evaluation of human health risk. *Food Chem Toxicol.* 2020 Nov 3;146:111844. doi: 10.1016/j.fct.2020.111844.
13. Tsatsakis A, Calina D, Falzone L, Petrakis D, Mitrut R, Siokas V, Pennisi M, Lanza G, Libra M, Doukas SG, Doukas PG, Kavali L, Bukhari A, Gadiparthi C, Vageli DP, Kofferidis DP, Spandidos DA, Paoliello MMB, Aschner M, Docea AO. SARS-CoV-2 pathophysiology and its clinical implications: An integrative overview of the pharmacotherapeutic management of COVID-19. *Food Chem Toxicol.* 2020 Sep 30;146:111769. doi: 10.1016/j.fct.2020.111769. – ultimul autor
14. Sharifi-Rad J, Rodrigues CF, Stojanović-Radić Z, Dimitrijević M, Aleksić A, Neffe-Skocińska K, Zielińska D, Kolożyn-Krajewska D, Salehi B, Milton Prabu S, Schutz F, Docea AO, Martins N, Calina D. Probiotics: Versatile Bioactive Components in Promoting Human Health. *Medicina (Kaunas).* 2020 Aug 27;56(9):433. doi: 10.3390/medicina56090433. – autor corespondent
15. Calina D, Sarkar C, Arsene AL, Salehi B, Docea AO, Mondal M, Islam MT, Zali A, Sharifi-Rad J. Recent advances, approaches and challenges in targeting pathways for potential COVID-19 vaccines development. *Immunol Res.* 2020 Dec;68(6):315-324. doi: 10.1007/s12026-020-09154-4. – autor corespondent
16. Iordache AM, Buga AM, Albulescu D, Vasile RC, Mitrut R, Georgiadis G, Zisis IE, Mamoulakis C, Tsatsakis A, Docea AO, Calina D. Phosphodiesterase-5 inhibitors ameliorate structural kidney damage in a rat model of contrast-induced nephropathy. *Food and Chemical Toxicology.* 2020;143:7. – autor corespondent – IF – 4.679
17. Calina D, Hartung T, Docea AO, Spandidos DA, Egorov AM, Shtilman MI, Carvalho F, Tsatsakis A. COVID-19 vaccines: ethical framework concerning human challenge studies. *Daru-Journal of Pharmaceutical Sciences.* 6. – autor cu contribuții egale, IF – 2.739
18. Calina D, Buga AM, Mitroi M, Buha A, Caruntu C, Scheau C, Bouyahya A, El Omari N, El Menyiy N, Docea AO. The Treatment of Cognitive, Behavioural and Motor Impairments from Brain Injury and Neurodegenerative Diseases through Cannabinoid System Modulation-Evidence from In Vivo Studies. *Journal of Clinical Medicine.* 2020;9(8):28. – ultimul autor și autor corespondent, IF – 3.303
19. Sergievich AA, Khoroshikh PP, Artemenko AF, Zakharenko AM, Chaika VV, Kodintsev VV, Stroeve OA, Lenda EG, Tsatsakis A, Burykina TI, Agathokleous E, Kostoff RN, Zlatian O, Docea AO, Golokhvast KS. Behavioral impacts of a mixture of six pesticides on rats. *Science of the Total Environment.* 2020;727:14. – autor corespondent – IF – 6.551
20. Tsatsakis A, Petrakis D, Nikolouzakis TK, Docea AO, Calina D, Vinceti M, Goumenou M, Kostoff RN, Mamoulakis C, Aschner M, Hernandez AF. COVID-19, an opportunity to reevaluate the correlation between long-term effects of anthropogenic pollutants on viral epidemic/pandemic events and prevalence. *Food and Chemical Toxicology.* 2020;141:15 – autor corespondent, IF – 4.679
21. Calina D, Docea AO, Petrakis D, Egorov AM, Ishmukhametov AA, Gabibov AG, Shtilman MI, Kostoff R, Carvalho F, Vinceti M, Spandidos DA, Tsatsakis A. Towards effective COVID-19 vaccines: Updates, perspectives and challenges (Review). *International Journal of Molecular Medicine.* 2020;46(1):3-16. – autor cu contribuții egale – IF – 3.098
22. Docea AO, Tsatsakis A, Albulescu D, Cristea O, Zlatian O, Vinceti M, Moschos SA, Tsoukalas D, Goumenou M, Drakoulis N, Dumanov JM, Tutelyan VA, Onischenko GG, Aschner M, Spandidos DA, Calina D. A new threat from an old enemy: Re-emergence of coronavirus (Review). *Int J Mol Med.* 2020 Mar 27. doi: 10.3892/ijmm.2020.4555. – primul autor – IF – 3.098

23. Docea AO, Calina D, Buga AM, Zlatian O, Paoliello MMB, Mogosanu GD, Streba CT, Popescu EL, Stoica AE, Bîrcă AC, Vasile BŞ, Grumezescu AM, Mogoanta L. The Effect of Silver Nanoparticles on Antioxidant/Pro-Oxidant Balance in a Murine Model. *Int J Mol Sci.* 2020 Feb 12;21(4):E1233. doi: 10.3390/ijms21041233. – primul autor – IF – 4.556
24. Mitroi M, Albulescu D, Capitanescu A, Docea AO, Musat G, Mitroi G, Zlatian O, Tsatsakis A, Tzanakakis G, Spandidos DA, Calina D. Differences in the distribution of CD20, CD3, CD34 and CD45RO in nasal mucosa and polyps from patients with chronic rhinosinusitis. *Mol Med Rep.* 2019 Apr;19(4):2792-2800. doi: 10.3892/mmr.2019.9932. – autor corespondent – IF – 2.1
25. Sifaki M, Calina D, Docea AO, Tsioumas S, Katsarou MS, Papadogiorgaki S, Fragkiadaki P, Branisteanu DE, Kouskousis K, Tsiaoussis J, Spandidos DA. A novel approach regarding the anti-aging of facial skin through collagen reorganization. *Experimental and Therapeutic Medicine.* 2020;19(1):717-21. – autor cu contribuții egale, IF – 1.75
26. Iordache AM, Docea AO, Buga AM, Zlatian O, Ciurea ME, Rogoveanu OC, Burada F, Sosoi S, Mitrut R, Mamoulakis C, Albulescu D, Vasile RC, Tsatsakis A, Calina D. Sildenafil and tadalafil reduce the risk of contrast-induced nephropathy by modulating the oxidant/antioxidant balance in a murine model. *Food Chem Toxicol.* 2019;111038 – autor corespondent – IF – 4.679
27. Tsoukalas D, Fragoulakis V, Sarandi E, Docea AO, Papakonstantinou E, Tsilimidos G, Anamaterou C, Fragkiadaki P, Aschner M, Tsatsakis A, Drakoulis N, Calina D. Targeted Metabolomic Analysis of Serum Fatty Acids for the Prediction of Autoimmune Diseases. *Front Mol Biosci.* 2019;6:120 – autor cu contribuții egale – IF – 4.188
28. Tsoukalas D, Fragkiadaki P, Docea AO, Alegakis AK, Sarandi E, Thanasoula M, Spandidos DA, Tsatsakis A, Razgonova MP, Calina D. Discovery of potent telomerase activators: Unfolding new therapeutic and anti-aging perspectives. *Mol Med Rep.* 2019;20(4):3701-8. – autor cu contribuții egale – IF – 2.1
29. Tsatsakis A, Docea AO, Constantin C, Calina D, Zlatian O, Nikolouzakakis TK, et al. Genotoxic, cytotoxic, and cytopathological effects in rats exposed for 18 months to a mixture of 13 chemicals in doses below NOAEL levels. *Toxicol Lett.* 2019. – autor corespondent și cu contribuții egale, IF – 3.569
30. Tsatsakis A, Docea AO, Calina D, Tsarouhas K, Zamfira LM, Mitrut R, Sharifi-Rad J, Kovatsi L, Siokas V, Dardiotis E, Drakoulis N, Lazopoulos G, Tsitsimpikou C, Mitsias P, Neagu M. A Mechanistic and Pathophysiological Approach for Stroke Associated with Drugs of Abuse. *J Clin Med.* 2019;8(9). – autor corespondent și cu contribuții egale – IF – 3.303
31. Tsatsakis A, Tyshko NV, Docea AO, Shestakova SI, Sidorova YS, Petrov NA, Zlatian O, Mach M, Hartung T, Tutelyan VA. The effect of chronic vitamin deficiency and long term very low dose exposure to 6 pesticides mixture on neurological outcomes - A real-life risk simulation approach. *Toxicol Lett.* 2019;315:96-106. – autor corespondent și cu contribuții egale, IF – 3.569
32. Tsoukalas D, Fragkiadaki P, Docea AO, Alegakis AK, Sarandi E, Vakonaki E, Salataj E, Kouvidi E, Nikitovic D, Kovatsi L, Spandidos DA, Tsatsakis A, Calina D. Association of nutraceutical supplements with longer telomere length. *Int J Mol Med.* 2019. (autor cu contribuții egale) – IF – 3.098
33. Docea AO, Goumenou M, Calina D, Arsene AL, Dragoi CM, Gofita E, Pisoschi CG, Zlatian O, Stivaktakis PD, Nikolouzakakis TK, Kalogeraki A, Izotov BN, Galateanu B, Hudita A, Calabrese EJ, Tsatsakis A. Adverse and hormetic effects in rats exposed for 12 months to low dose mixture of 13 chemicals: RLRS part III. *Toxicol Lett.* 2019;310:70-91. <https://doi.org/doi:10.1016/j.toxlet.2019.04.005> (primul autor) - IF – 3.569
34. Calina D, Docea AO, Golokhvast KS, Sifakis S, Tsatsakis A, Makrigiannakis A. Management of Endocrinopathies in Pregnancy: A Review of Current Evidence. *Int J Environ Res Public Health.* 2019;16(5); IF 2017 = 2.145 (autor corespondent)
35. Buga A., Docea A.O., Albu C., Malin R.D., Branisteanu D.E., Ianosi, G., Ianosi, S.L., Iordache, A., Calina, D. Molecular and cellular stratagem of brain metastases associated with melanoma (Review). *Oncology Letters* 2019; 17:4170-4175. <https://doi.org/10.3892/ol.2019.9933>, IF 2017 = 1.664 (autor corespondent)
36. Tsatsakis AM, Docea AO, Calina D, Buga AM, Zlatian O, Gutnikov S, Kostoff RN, Aschner M. Hormetic Neurobehavioral effects of low dose toxic chemical mixtures in real-life risk simulation (RLRS) in rats. *Food and Chemical Toxicology.* 2019;125:141-9, IF 2017 = 3.977 (autor corespondent și cu contribuții egale)
37. Iordache AM, Docea AO, Buga AM, Mitrut R, Albulescu D, Zlatian O, Ianosi S, Ianosi G, Neagoe D, Sifaki M, Rogoveanu OC, Branisteanu DE, Calina D. The incidence of skin lesions in contrast media-induced chemical hypersensitivity. *Exp Ther Med.* 2018; <https://doi.org/10.3892/etm.2018.7056>, IF 2017 = 1.41 (autor corespondent)
38. Zlatian O, Balasoiu AT, Balasoiu M, Cristea O, Docea AO, Mitrut R, Spandidos DA, Tsatsakis AM, Bancescu G, Calina D. Antimicrobial resistance in bacterial pathogens among hospitalised patients with severe invasive infections. *Exp Ther Med.* 2018; 16(6): 4499-4510, IF 2017 = 1.41 (autor corespondent)
39. Tsiaoussis J, Hatzidaki E, Docea AO, Nikolouzakakis TK, Petrakis D, Burykina T, Mamoulakis C, Makrigiannakis A, Tsatsakis A. Molecular and clinical aspects of embryotoxicity induced by

- acetylcholinesterase inhibitors. *Toxicology*. 2018;409:137-43. IF 2017 = 3.265 (autor cu contributii egale cu primul autor)
40. Rogoveanu OC, Calina D, Cucu MG, Burada F, Docea AO, Sosoi S, Stefan E, Ioana M, Burada E. Association of cytokine gene polymorphisms with osteoarthritis susceptibility. *Exp Ther Med*. 2018; 16(3):2659-2664. IF 2017 = 1.41 (autor correspondent)
  41. Ianosi S, Neagoe D, Branisteanu DE, Popescu M, Calina D, Zlatian O, Docea AO, Marinas MC, Iordache AM, Mitrut P, Ianosi G. Comparative efficacy of oral contraceptive versus local treatment versus intense pulsed light combined with vacuum in endocrine acne in women. *J Biol Regul Homeost Agents*. 2018;32(3):711-8. IF 2017 = 1.397 (autor corespondent)
  42. Docea AO, Gofita E, Goumenou M, Calina D, Rogoveanu O, Varut M, Olaru C, Kerasioti E, Fountoucidou P, Taitzoglou I, Zlatian O, Rakitskii VN, Hernandez AF, Kouretas D, Tsatsakis A. Six months exposure to a real life mixture of 13 chemicals' below individual NOAELs induced non monotonic sex-dependent biochemical and redox status changes in rats. *Food Chem Toxicol*. 2018;115:470-81. IF 2017 = 3.977 (primul autor)
  43. Boda D, Docea AO, Calina D, Ilie MA, Caruntu C, Zurac S, Neagu M, Constantin C, Branisteanu DE, Voiculescu V, Mamoulakis C, Tzanakakis G, Spandidos DA, Drakoulis N, Tsatsakis AM. Human papilloma virus: Apprehending the link with carcinogenesis and unveiling new research avenues (Review). *Int J Oncol*. 2018;52(3):637-55. IF 2017 = 3.333 (autor cu contributii egale cu primul autor)
  44. Kamal AM, Mitrut P, Docea AO, Sosoi SS, Kamal CK, Mitrut R, Margaritescu D, Calina D, Banciu C, Tica OS, Tica AA, Alexandru DO. Double therapy with pegylated interferon and ribavirin for chronic hepatitis c. A pharmacogenetic guide for predicting adverse events. *Farmacia*. 2017;65(6):877-84. IF 2017 = 1.507 (autor cu contributii egale cu primul autor)
  45. Ungureanu A, Zlatian O, Mitroi G, Drocaș A, Țîrcă T, Călina D, Dehelean C, Docea AO, Izotov BN, Rakitskii VN, Cioboată R, Spandidos DA, Tsatsakis AM, Găman A. Staphylococcus aureus colonisation in patients from a primary regional hospital. *Mol Med Rep*. 2017 Oct 10. doi: 10.3892/mmr.2017.7746. IF 2017 = 1.922 (autor corespondent)
  46. Vucinic S, Antonijevic B, Tsatsakis AM, Vassilopoulou L, Docea AO, Nosyrev AE, Izotov BN, Thiermann H, Drakoulis N, Brkic D. Environmental exposure to organophosphorus nerve agents. *Environ Toxicol Pharmacol*. 2017;56 (Supplement C):163-71. IF 2017 = 2.776 (autor corespondent)
  47. Sani TA, Mohammadpour E, Mohammadi A, Memariani T, Yazdi MV, Rezaee R, Calina D, Docea AO, Goumenou M, Etemad L, Shahsavand S. Cytotoxic and apoptogenic properties of dracocephalum kotschy aerial part different fractions on calu-6 and mehr-80 lung cancer cell lines. *Farmacia*. 2017;65(2):189-99. IF 2017 = 1.507 (autor cu contributii egale cu primul autor)
  48. Cioboată R, Găman A, Trașcă D, Ungureanu A, Docea AO, Tomescu P, Gherghina F, Arsene AL, Badiu C, Tsatsakis AM, Spandidos DA, Drakoulis N, Călina D. Pharmacological management of non-alcoholic fatty liver disease: Atorvastatin versus pentoxifylline. *Experimental and Therapeutic Medicine* 2017, 13:2375-2381. IF 2017 = 1.410 (autor corespondent)
  49. Calina D, Rosu L, Rosu AF, Ianosi G, Ianosi S, Zlatian O, Mitrut R, Docea AO, Rogoveanu O, Mitrut P, Nicolae AC, Dragoi CM, Gofita E. Etiological diagnosis and pharmacotherapeutic management of parapneumonic pleuresy. *Farmacia* 2016; 64(6):946-52. IF 2016 = 1.348 (autor corespondent)
  50. Călina D, Docea AO, Rosu L, Zlatian O, Rosu AF, Anghelina F, Rogoveanu O, Arsene AL, Nicolae AC, Drăgoi CM, Tsiaoussis J, Tsatsakis AM, Spandidos DA, Drakoulis N, Gofita E. Antimicrobial resistance development following surgical site infections. *Mol Med Rep*. 2017; 15: 681-688. doi: 10.3892/mmr.2016.6034. IF 2017 = 1.922 (autor corespondent)
  51. Ianoși S, Ianoși G, Neagoe D, Ionescu O, Zlatian O, Docea AO, Badiu C, Sifaki M, Tsoukalas D, Tsatsakis AM, Spandidos DA, Călina D. Age-dependent endocrine disorders involved in the pathogenesis of refractory acne in women. *Mol Med Rep*. 2016; 14(6):5501-06 Nov 4. doi: 10.3892/mmr.2016.5924. IF 2016 = 1.692 (autor corespondent)
  52. Tanase A, Colita A, Ianosi G, Neagoe D, Branisteanu D. E, Calina D, Docea A.O, Tsatsakis A, Ianosi S.L. Rare case of disseminated fusariosis in a young patient with graft vs. host disease following an allogeneic transplant. *Experimental and Therapeutic Medicine* 2016; 12: 2078-2082. IF 2016 = 1.261 (autor cu contributii egale)
  53. Docea AO, Gofita E, Calina D, Zaharie SI, Valcea DI, Mitrut P. Autoimmune disorders due to double antiviral therapy with peginterferon and ribavirin in patients with hepatitis C virus infection. *Farmacia* 2016; 64(4):605-611. IF 2016 = 1.348 (primul autor)
  54. Forough Amirabadi, Kaveh Tabrizian, Asma Rashki, Ramin Razaee, Aristidis Michael Tsatsakis, Andreea Letitia Arsene, Anca Oana Docea, Mahomma Moshiri, Mahmoud Hashemzaei. Lead levels in children deciduous teeth are associated with parents' education status and daily dairy consumption: an iranian experience. *FARMACIA*, 2016, Vol. 64 (2): 202-209, ISSN:2065-0019. IF 2016 = 1.348 (autor cu contributii egale)

55. Docea AO, Mitruț P, Cernea D, Georgescu CC, Olimid D, Mărgăritescu C, Dumitrescu D. Immunohistochemical expression of EGF, c-erbB-2 and EGFR in intestinal variant of gastric adenocarcinomas. *Rom J Morphol Embryol*, 2013; 54(3):545-54. IF 2013 = 0.723 (primul autor)
56. Docea AO, Mitruț P, Grigore D, Pirici D, Călina DC, Gofiță E. Immunohistochemical expression of TGF beta (TGF-β), TGF beta receptor 1 (TGFB1), and Ki67 in intestinal variant of gastric adenocarcinomas. *Rom J Morphol Embryol*, 2012; 53(3 Suppl):683-92. IF 2012 = 0.620 (primul autor)
57. Stănculescu D, Mărgăritescu C, Stepan A, Mitruț AO. E-cadherin in gastric carcinomas related to histological prognostic parameters. *Rom J Morphol Embryol*, 2011; 52(3 Suppl):1107-12. IF 2011 = 0.523 (ultimul autor)

Valoarea factorului cumulat de impact (FCIAP) =

#### COAUTOR: 53

1. Sharifi-Rad J, Cruz-Martins N, López-Jomet P, Lopez EP, Harun N, Yeskaliyeva B, Beyatli A, Sytar O, Shaheen S, Sharopov F, Taheri Y, Docea AO, Calina D, Cho WC. Natural Coumarins: Exploring the Pharmacological Complexity and Underlying Molecular Mechanisms. *Oxid Med Cell Longev*. 2021 Aug 23;2021:6492346. doi: 10.1155/2021/6492346.
2. Sharifi-Rad J, Quispe C, Rahavian A, Pereira Cameiro JN, Rocha JE, Alves Borges Leal AL, Bezerra Morais Braga MF, Melo Coutinho HD, Ansari Djafari A, Alarcón-Zapata P, Martorell M, Antika G, Tumer TB, Cruz-Martins N, Helon P, Paprocka P, Koch W, Docea AO, Calina D. Bioactive Compounds as Potential Agents for Sexually Transmitted Diseases Management: A Review to Explore Molecular Mechanisms of Action. *Front Pharmacol*. 2021 Aug 24;12:674682. doi: 10.3389/fphar.2021.674682.
3. Sharifi-Rad J, Quispe C, Imran M, Rauf A, Nadeem M, Gondal TA, Ahmad B, Atif M, Mubarak MS, Sytar O, Zhilina OM, Garsiya ER, Smeriglio A, Trombetta D, Pons DG, Martorell M, Cardoso SM, Razis AFA, Sunusi U, Kamal RM, Rotariu LS, Butnariu M, Docea AO, Calina D. Genistein: An Integrative Overview of Its Mode of Action, Pharmacological Properties, and Health Benefits. *Oxid Med Cell Longev*. 2021 Jul 19;2021:3268136. doi: 10.1155/2021/3268136
4. Sharifi-Rad J, Bahukhandi A, Dhyani P, Sati P, Capanoglu E, Docea AO, Al-Harrasi A, Dey A, Calina D. Therapeutic Potential of Neoechinulins and Their Derivatives: An Overview of the Molecular Mechanisms Behind Pharmacological Activities. *Front Nutr*. 2021 Jul 16;8:664197. doi: 10.3389/fnut.2021.664197.
5. Sharifi-Rad J, C. Quispe, J. Herrera-Bravo, M. Martorell, F. Sharopov, T. B. Tumer, B. Kurt, C. Lankaillake, A. O. Docea, A. C. Moreira, D. A. Dias, M. F. Mahomoodally, D. Lobine, N. Cruz-Martins, M. Kumar and D. Calina (2021). "A Pharmacological Perspective on Plant-derived Bioactive Molecules for Epilepsy." *Neurochemical Research* 46(9): 2205-2225.
6. Sharifi-Rad J, C. Quispe, M. Butnariu, L. S. Rotariu, O. Sytar, S. Sestito, S. Rapposelli, M. Akram, M. Iqbal, A. Krishna, N. V. A. Kumar, S. S. Braga, S. M. Cardoso, K. Jaferník, H. Ekiert, N. Cruz-Martins, A. Szopa, M. Villagran, L. Mardones, M. Martorell, A. O. Docea and D. Calina (2021). "Chitosan nanoparticles as a promising tool in nanomedicine with particular emphasis on oncological treatment." *Cancer Cell International* 21(1).
7. Sharifi-Rad J, Dey A, Koirala N, Shaheen S, El Omari N, Salehi B, Goloshvili T, Cirone Silva NC, Bouyahya A, Vitalini S, Varoni EM, Martorell M, Abdolshahi A, Docea AO, Iriti M, Calina D, Les F, López V, Caruntu C. Cinnamomum Species: Bridging Phytochemistry Knowledge, Pharmacological Properties and Toxicological Safety for Health Benefits. *Front Pharmacol*. 2021 May 11;12:600139. doi: 10.3389/fphar.2021.600139.
8. Martins AC, Paoliello MMB, Docea AO, Santamaria A, Tinkov AA, Skalny AV, Aschner M. Review of the mechanism underlying mefloquine-induced neurotoxicity. *Crit Rev Toxicol*. 2021 Apr 27;1-8. doi: 10.1080/10408444.2021.1901258.
9. Aloizou AM, Siokas V, Pateraki G, Liampas I, Bakirtzis C, Tsouris Z, Lazopoulos G, Calina D, Docea AO, Tsatsakis A, Bogdanos DP, Dardiotis E. Thinking outside the Ischemia Box: Advancements in the Use of Multiple Sclerosis Drugs in Ischemic Stroke. *J Clin Med*. 2021 Feb 7;10(4):630. doi: 10.3390/jcm10040630.
10. Siokas V, Aloizou AM, Tsouris Z, Liampas I, Liakos P, Calina D, Docea AO, Tsatsakis A, Bogdanos DP, Hadjigeorgiou GM, Dardiotis E. ADORA2A rs5760423 and CYP1A2 rs762551 Polymorphisms as Risk Factors for Parkinson's Disease. *J Clin Med*. 2021 Jan 20;10(3):381. doi: 10.3390/jcm10030381.
11. Islam MT, Quispe C, Martorell M, Docea AO, Salehi B, Calina D, Reiner Ž, Sharifi-Rad J. Dietary supplements, vitamins and minerals as potential interventions against viruses: Perspectives for COVID-19. *Int J Vitam Nutr Res*. 2021 Jan 13;1-18. doi: 10.1024/0300-9831/a000694.
12. Sidiropoulou P, Docea AO, Nikolaou V, Katsarou MS, Spandidos DA, Tsatsakis A, Calina D, Drakoulis N. Unraveling the roles of vitamin D status and melanin during Covid-19 (Review). *Int J Mol Med*. 2021 Jan;47(1):92-100. doi: 10.3892/ijmm.2020.4802.
13. Goumenou M, Sarigiannis D, Tsatsakis A, Anesti O, Docea AO, Petrakis D, Tsoukalas D, Kostoff R, Rakitskii V, Spandidos DA, Aschner M, Calina D. COVID-19 in Northern Italy: An integrative overview of factors



- possibly influencing the sharp increase of the outbreak (Review). *Mol Med Rep.* 2020 Jul;22(1):20-32. doi: 10.3892/mmr.2020.11079.
14. Salehi B, Prakash Mishra A, Nigam M, Karazhan N, Shukla I, Kietlyka-Dadasiewicz A, Sawicka B, Glowacka A, Abu-Darwish MS, Hussein Tarawneh A, Gadetskaya AV, Cabral C, Salgueiro L, Victoriano M, Martorell M, Docea AO, Abdolshahi A, Calina D, Sharifi-Rad J. Ficus plants: State of the art from a phytochemical, pharmacological, and toxicological perspective. *Phytother Res.* 2020 Oct 7. doi: 10.1002/ptr.6884.
15. Sharifi-Rad J, Kamiloglu S, Yeskalyeva B, Beyatli A, Alfred MA, Salehi B, Calina D, Docea AO, Imran M, Anil Kumar NV, Romero-Román ME, Maroyi A, Martorell M. Pharmacological Activities of Psoralidin: A Comprehensive Review of the Molecular Mechanisms of Action. *Front Pharmacol.* 2020 Oct 22;11:571459. doi: 10.3389/fphar.2020.571459.
16. Sarkar C, Mondal M, Torequl Islam M, Martorell M, Docea AO, Maroyi A, Sharifi-Rad J, Calina D. Potential Therapeutic Options for COVID-19: Current Status, Challenges, and Future Perspectives. *Front Pharmacol.* 2020 Sep 15;11:572870. doi: 10.3389/fphar.2020.572870.
17. Torequl Islam M, Nasiruddin M, Khan IN, Mishra SK, Kudrat-E-Zahan M, Alam Riaz T, Ali ES, Rahman MS, Mubarak MS, Martorell M, Cho WC, Calina D, Docea AO, Sharifi-Rad J. A Perspective on Emerging Therapeutic Interventions for COVID-19. *Front Public Health.* 2020 Jul 3;8:281. doi: 10.3389/fpubh.2020.00281.
18. Salehi B, Sharifi-Rad J, Cappellini F, Reiner A, Zorzan D, Imran M, Sener B, Kilic M, El-Shazly M, Fahmy NM, Al-Sayed E, Martorell M, Tonelli C, Petroni K, Docea AO, Calina D, Maroyi A. The Therapeutic Potential of Anthocyanins: Current Approaches Based on Their Molecular Mechanism of Action. *Frontiers in Pharmacology.* 2020;11:20.
19. Martins AC, Urbano MR, Lopes A, Carvalho MDH, Buzzo ML, Docea AO, Mesas AE, Aschner M, Silva AMR, Silbergeld EK, Paoliello MMB. Blood cadmium levels and sources of exposure in an adult urban population in southern Brazil. *Environmental Research.* 2020;187:8.
20. Sharifi-Rad M, Kumar NVA, Zucca P, Varoni EM, Dini L, Panzarini E, Rajkovic J, Fokou PVT, Azzini E, Peluso I, Mishra AP, Nigam M, El Rayess Y, El Beyrouthy M, Polito L, Iriti M, Martins N, Martorell M, Docea AO, Setzer WN, Calina D, Cho WC, Sharifi-Rad J. Lifestyle, Oxidative Stress, and Antioxidants: Back and Forth in the Pathophysiology of Chronic Diseases. *Frontiers in Physiology.* 2020;11:21.
21. Goumenou M, Sarigiannis D, Tsatsakis A, Anesti O, Docea AO, Petrakis D, Tsoukalas D, Kostoff R, Rakitskii V, Spandidos DA, Aschner M, Calina D. COVID-19 in Northern Italy: An integrative overview of factors possibly influencing the sharp increase of the outbreak. *Molecular Medicine Reports.* 2020;22(1):20-32.
22. Aloizou AM, Siokas V, Vogiatzi C, Peristeri E, Docea AO, Petrakis D, Provatou A, Folia V, Chalkia C, Vinceti M, Wilks M, Izotov BN, Tsatsakis A, Bogdanos DP, Dardiotis E. Pesticides, cognitive functions and dementia: A review. *Toxicology Letters.* 2020;326:31-51.
23. Mititelu RR, Padureanu R, Bacanoiu M, Padureanu V, Docea AO, Calina D, Barbulescu AL, Buga AM. Inflammatory and Oxidative Stress Markers-Mirror Tools in Rheumatoid Arthritis. *Biomedicine.* 2020;8(5):14.
24. Georgiadis G, Zisis IE, Docea AO, Tsarouhas K, Fragkiadoulaki I, Mavridis C, Karavitakis M, Stratakis S, Stylianou K, Tsitsimpikou C, Calina D, Sofikitis N, Tsatsakis A, Mamoulakis C. Current Concepts on the Renal-Protective Effects of Phosphodiesterase 5 Inhibitors in Acute Kidney Injury: Systematic Search and Review. *Journal of Clinical Medicine.* 2020;9(5):43.
25. Sharifi-Rad M, Lankatillake C, Dias DA, Docea AO, Mahomoodally MF, Lobine D, Chazot PL, Kurt B, Tumer TB, Moreira AC, Sharopov F, Martorell M, Martins N, Cho WC, Calina D, Sharifi-Rad J. Impact of Natural Compounds on Neurodegenerative Disorders: From Preclinical to Pharmacotherapeutics. *J Clin Med.* 2020 Apr 8;9(4):E1061. doi: 10.3390/jcm9041061.
26. Sharifi-Rad J, Rodrigues CF, Sharopov F, Docea AO, Can Karaca A, Sharifi-Rad M, Kahveci Karıncaoglu D, Gülseren G, Şenol E, Demircan E, Taheri Y, Suleria HAR, Özçelik B, Nur Kasapoğlu K, Gültekin-Özgüven M, Daşkaya-Dikmen C, Cho W, Martins N, Calina D. Diet, Lifestyle and Cardiovascular Diseases: Linking Pathophysiology to Cardioprotective Effects of Natural Bioactive Compounds. *Int J Environ Res Public Health.* 2020 Mar 30;17(7):E2326. doi: 10.3390/ijerph17072326.
27. Ke T, Tsatsakis A, Santamaría A, Antunes Soare FA, Tinkov AA, Docea AO, Skalny A, Bowman AB, Aschner M. Chronic exposure to methylmercury induces puncta formation in cephalic dopaminergic neurons in *Caenorhabditis elegans*. *Neurotoxicology.* 2020 Mar;77:105-113. doi: 10.1016/j.neuro.2020.01.003.
28. Hernández AF, Docea AO, Goumenou M, Sarigiannis D, Aschner M, Tsatsakis A. Application of novel technologies and mechanistic data for risk assessment under the real-life risk simulation (RLRS) approach. *Food Chem Toxicol.* 2020 Mar;137:111123. doi: 10.1016/j.fct.2020.111123.
29. Salehi B, Rescigno A, Dettori T, Calina D, Docea AO, Singh L, Cebeci F, Özçelik B, Bhia M, Dowlati Beirami A, Sharifi-Rad J, Sharopov F, Cho WC, Martins N. Avocado-Soybean Unsaponifiables: A Panoply of Potentialities to Be Exploited. *Biomolecules.* 2020 Jan 13;10(1):130. doi: 10.3390/biom10010130.
30. Salehi B, Calina D, Docea AO, Koirala N, Aryal S, Lombardo D, Pasqua L, Taheri Y, Marina Salgado Castillo C, Martorell M, Martins N, Iriti M, Suleria HAR, Sharifi-Rad J. Curcumin's Nanomedicine Formulations for

- Therapeutic Application in Neurological Diseases. *J Clin Med*. 2020 Feb 5;9(2):E430. doi: 10.3390/jcm9020430.
31. Salehi B, Capanoglu E, Adrar N, Catalkaya G, Shaheen S, Jaffer M, Giri L, Suyal R, Jugran AK, Calina D, Docea AO, Kamiloglu S, Kregiel D, Antolak H, Pawlikowska E, Sen S, Acharya K, Selamoglu Z, Sharifi-Rad J, Martorell M, Rodrigues CF, Sharopov F, Martins N, Capasso R. Cucurbits Plants: A Key Emphasis to Its Pharmacological Potential. *Molecules*. 2019 May 14;24(10):1854. doi: 10.3390/molecules24101854.
  32. Tsoukalas D, Sarandi E, Thanasoula M, Docea AO, Tsilimidos G, Calina D, Tsatsakis A. Metabolic Fingerprint of Chronic Obstructive Lung Diseases: A New Diagnostic Perspective. *Metabolites*. 2019;9(12):290.
  33. Padureanu, R.; Albu, C.V.; Mititelu, R.R.; Bacanoiu, M.V.; Docea, A.O.; Calina, D.; Padureanu, V.; Olaru, G.; Sandu, R.E.; Malin, R.D.; Buga, A.-M. Oxidative Stress and Inflammation Interdependence in Multiple Sclerosis. *J. Clin. Med*. 2019, 8, 1815.
  34. Fountoucidou P, Veskoukis AS, Kerasioti E, Docea AO, Taitzoglou IA, Liesivuori J, et al. A mixture of routinely encountered xenobiotics induces both redox adaptations and perturbations in blood and tissues of rats after a long-term low-dose exposure regimen: The time and dose issue. *Toxicol Lett*. 2019.
  35. Salehi B, Sharifi-Rad J, Capanoglu E, Adrar N, Catalkaya G, Shaheen S, Jaffer M, Giri L, Suyal R, Jugran AK, Calina D, Docea AO, Kamiloglu S, Kregiel D, Antolak H, Pawlikowska E, Sen S, Acharya K, Bashiry M, Selamoglu Z, Martorell M, Sharopov F, Martins N, Namiesnik J, Cho WC. Cucurbita Plants: From Farm to Industry. *Applied Sciences*. 2019; 9(16):3387.
  36. Vasilopoulos E, Fragkiadaki P, Kalliora C, Fragou D, Docea AO, Vakonaki E, Tsoukalas D, Calina D, Buga AM, Georgiadis G, Mamoulakis C, Makrigiannakis A, Spandidos DA, Tsatsakis A. The association of female and male infertility with telomere length (Review). *Int J Mol Med*. 2019;44(2):375-89.
  37. Salehi B, Shetty MS, Kumar NVA, Zivkovic J, Calina D, Docea AO, Emamzadeh-Yazdi S, Kilic CS, Goloshvili T, Nicola S, Pignata G, Sharopov F, Contreras MD, Cho WC, Martins N, Sharifi-Rad J. Veronica Plants- Drifting from Farm to Traditional Healing, Food Application, and Phytopharmacology. *Molecules*. 2019;24(13):35.
  38. Salehi B, Capanoglu E, Adrar N, Catalkaya G, Shaheen S, Jaffer M, Giri L, Suyal R, Jugran AK, Calina D, Docea AO, Kamiloglu S, Kregiel D, Antolak H, Pawlikowska E, Sen S, Acharya K, Selamoglu Z, Sharifi-Rad J, Martorell M, Rodrigues CF, Sharopov F, Martins N, Capasso R. Cucurbits Plants: A Key Emphasis to Its Pharmacological Potential. *Molecules*. 2019 May 14;24(10). pii: E1854. doi: 10.3390/molecules24101854. -IF 2017- 3.098
  39. Tsatsakis A, Stratidakis AK, Goryachaya AV, Tzatzarakis MN, Stivaktakis PD, Docea AO, Berdiaki A, Nikitovic D, Velonia K, Shtilman MI, Rizos AK, Kuskov AN. In vitro blood compatibility and in vitro cytotoxicity of amphiphilic poly-N-vinylpyrrolidone nanoparticles. *Food Chem Toxicol*. 2019;127:42-52. IF 2017 = 3.977
  40. Henrich-Noack P, Nikitovic D, Neagu M, Docea AO, Engin AB, Gelperina S, Shtilman M, Mitsias P, Tzanakakis G, Gozes I, Tsatsakis A. The blood-brain barrier and beyond: Nano based neuropharmacology and the role of extracellular matrix. *Nanomedicine*. 2019;17(2019):359-379; doi: 10.1016/j.nano.2019.01.016. IF 2017 = 6.5
  41. Bagheri G, Rezaee R, Tsarouhas K, Docea AO, Shahraki J, Shahriari M, Wilks MF, Jahantigh H, Tabrizian K, Moghadam AA, Bagheri S, Spandidos DA, Tsatsakis A, Hashemzaei M. Magnesium sulfate ameliorates carbon monoxide-induced cerebral injury in male rats. *Mol Med Rep*. 2019; 19(2):1032-1039. IF 2017 = 1.922
  42. Tabrizian K, Shahriari Z, Rezaee R, Jahantigh H, Bagheri G, Tsarouhas K, Docea AO, Tsatsakis A, Hashemzaei M. Cardioprotective effects of insulin on carbon monoxide-induced toxicity in male rats. *Hum Exp Toxicol*. 2019;38(1):148-54. IF 2017= 1.84
  43. Luss AL, Kulikov PP, Romme SB, Andersen CL, Pennisi CP, Docea AO, Kuskov AN, Velonia K, Mezhuev YO, Shtilman MI, Tsatsakis AM, Gurevich L. Nanosized carriers based on amphiphilic poly-N-vinyl-2-pyrrolidone for intranuclear drug delivery. *Nanomedicine (Lond)*. 2018;13(7):703-715 – IF 2017 = 5.005
  44. Petrakis D, Vassilopoulou L, Mamoulakis C, Psycharakis C, Anifantaki A, Sifakis S, Docea AO, Tsiaoussis J, Makrigiannakis A, Tsatsakis AM. Endocrine Disruptors Leading to Obesity and Related Diseases. *Int J Environ Res Public Health*. 2017 Oct 24;14(10). IF 2017 = 2.145
  45. Engin AB, Nikitovic D, Neagu M, Henrich-Noack P, Docea AO, Shtilman MI, Golokhvast K, Tsatsakis AM. Mechanistic understanding of nanoparticles' interactions with extracellular matrix: the cell and immune system. *Part Fibre Toxicol*. 2017 Jun 24;14(1):22. IF 2017 = 6.105
  46. Kuskov AN, Kulikov PP, Goryachaya AV, Tzatzarakis MN, Docea AO, Velonia K, Shtilman MI, Tsatsakis AM. Amphiphilic poly-N-vinylpyrrolidone nanoparticles as carriers for non-steroidal, anti-inflammatory drugs: In vitro cytotoxicity and in vivo acute toxicity study. *Nanomedicine – Nanotechnology Biology and Medicine*; 2017, 13: 1021-1030 IF 2017= 6.5
  47. Wojciechowski VV, Calina D, Tsarouhas K, Pivnik AV, Sergievich AA, Kodintsev VV, Filatova EA, Ozcagli E, Docea AO, Arsene AL, Gofita E, Tsitsimpikou C, Tsatsakis AM, Golokhvast KS. A guide to acquired vitamin K

- coagulopathy diagnosis and treatment: the Russian perspective. *Daru – Journal of Pharmaceutical Science*. 2017 Apr 17;25(1):10. doi: 10.1186/s40199-017-0175-z. IF 2017 = 2.667
48. Tsatsakis AM, Kouretas D, Tzatzarakis MN, Stivaktakis P, Tsarouhas K, Golokhvast KS, Rakitskii VN, Tutelyan VA, Hernandez AF, Rezaee R, Chung G, Fenga C, Engin AB, Neagu M, Arsene AL, Docea AO, Gofita E, Calina D, Taitzoglou I, Liesivuori J, Hayes AW, Gutnikov S, Tsitsimpikou C. Simulating real-life exposures to uncover possible risks to human health: A proposed consensus for a novel methodological approach. *Hum Exp Toxicol*. 2017 Jun;36(6):554-564. IF 2017 = 1.84
  49. Tsatsakis AM, Docea AO, Tsitsimpikou C. New challenges in risk assessment of chemicals when simulating real exposure scenarios; simultaneous multi-chemicals' low dose exposure. *Food Chem Toxicol*. 2016; 96: 174-176. IF 2016 = 3.778
  50. Neagu M, Piperigkou Z, Karamanou K, Engin AB, Docea AO, Constantin C, Negrei C, Nikitovic D, Tsatsakis A. Protein bio-corona: critical issue in immune nanotoxicology. *Arch Toxicol*. 2017; 91(3):1031-1048. IF 2017 = 5.728
  51. Piperigkou Z, Karamanou K, Engin AB, Gialeli C, Docea AO, Vynios DH, Pavão MS, Golokhvast KS, Shtilman MI, Argiris A, Shishatskaya E, Tsatsakis AM. Emerging aspects of nanotoxicology in health and disease: From agriculture and food sector to cancer therapeutics. *Food Chem Toxicol*. 2016 May;91:42-57. IF 2016 = 3.778
  52. Mihaela A Ghita, Constantin Caruntu, Adrian E Rosca, Harillaq Kaleshi, Ana Caruntu, Liliana Moraru, Anca Oana Docea, Sabina Zurac, Daniel Boda, Monica Neagu, Demetrios A. Spandidos, Aristidis M. Tsatsakis. Reflectance confocal microscopy and dermoscopy for in vivo, non-invasive skin imaging of superficial basal cell carcinoma. *Oncology Letters* 11: 3019-3024, 2016. IF 2016 = 1.390
  53. Fenga C, Costa C, Caruso E, Raffa L, Alibrando C, Hangemi S, Docea A, Tsatsakis A. Current evidence on the protective effect of dietary polyphenols on breast cancer. *FARMACIA*, 2016, Volum 64(1):1-12, ISSN: 2065-0019. IF 2016 = 1.348

### C. ARTICOLE ÎN EXTENS ÎN REVISTE INDEXATE ISI FĂRĂ FACTOR DE IMPACT – 6

#### AUTOR PRINCIPAL: 3

1. Calina D, Hartung T, Mardare I, Mitroi M, Poulas K, Tsatsakis A, Rogoveanu I, Docea AO. COVID-19 pandemic and alcohol consumption: Impacts and interconnections. *Toxicol Rep*. 2021;8:529-535. doi: 10.1016/j.toxrep.2021.03.005. – ultimul autor
2. Docea AO, Vassilopoulou L, Fragou D, Arsene AL, Fenga C, Kovatsi L, Petrakis D, Rakitskii VN, Nosyrevh AE, Izotov BN, Golokhvast KS, Zakharenko AM, Vakisj A, Tsitsimpikou C, Drakoulis N. CYP polymorphisms and pathological conditions related to chronic exposure to organochlorine pesticides. *Toxicology Reports*, 2017; 4(2017):335-341. ISI – fără factor impact – Primul autor
3. Musat G, Evsei A, Calina D, Docea AO, Doukas SG, Vageli DP, Nepka C, Spandidos DA, Mitroi M. Rare amyloidoma of the tongue base: A case report and review of the literature. *Mol Clin Oncol*. 2020 Mar;12(3):258-262. doi: 10.3892/mco.2020.1972.

#### COAUTOR: 3

1. Hernández AF, Calina D, Poulas K, Docea AO, Tsatsakis AM. Safety of COVID-19 vaccines administered in the EU: Should we be concerned? *Toxicol Rep*. 2021;8:871-879. doi: 10.1016/j.toxrep.2021.04.003, ISI – fara factor de impact
2. Farsalinos K, Poulas K, Kouretas D, Vantarakis A, Leotsinidis M, Kouvelas D, Docea AO, Kostoff R, Gerotziafas GT, Antoniou MN, Polosa R, Barbouni A, Yiakoumaki V, Giannouchos TV, Bagos PG, Lazopoulos G, Izotov BN, Tutelyan VA, Aschner M, Hartung T, Wallace HM, Carvalho F, Domingo JL, Tsatsakis A. Improved strategies to counter the COVID-19 pandemic: Lockdowns vs. primary and community healthcare. *Toxicol Rep*. 2021;8:1-9. doi: 10.1016/j.toxrep.2020.12.001. ISI – fara factor de impact
3. Fenga C, Gangemi S, Teodoro M, Rapisarda V, Golokhvast K, Anisimov NY, Docea AO, Tsatsakis AM, Costa C. 8-Hydroxydeoxyguanosine as a biomarker of oxidative DNA damage in workers exposed to low-dose benzene. *Toxicology Reports*, 2017; 4 (2017): 291–295. ISI – fără factor impact

Indexul Hirsch calculat utilizând ISI Web of Science, Core Collection, Thomson Reuters = 28

### D. TEZA DE DOCTORAT

Instituția organizatoare de doctorat: Universitatea de Medicină și Farmacie din Craiova

Domeniul: Medicină

Titlul tezei: Implicațiile patogene ale factorilor de creștere EGF și TGF și ale receptorilor acestora în carcinoamele gastrice

Conducător Științific: Prof. Univ. Dr. Cristiana Eugenia Simionescu

## **E. CĂRȚI ȘI CAPITOLE DE CĂRȚI – 8**

### **E1. Autor/coautor în edituri naționale – 1**

1. Eliza Gofiza, Anca Oana Docea. Noțiuni de Analiza Toxicologică. Editura Medicală Universitară Craiova, 2016, ISBN 978-973-106-265-5.
2. Anca Oana Docea, Eliza Gofită. Toxicologia Medicamentelor sistemului nervos central. Editura Sitech, 2019, 213 pagini, ISBN 978-606-11-7107-1

### **E2. Capitoale cărți în edituri internaționale – 7**

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
2. 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
3. Bogdan M, Gofita 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. DOI: 10.5772/intechopen.72003. <https://www.intechopen.com/books/pharmacokinetics-and-adverse-effects-of-drugs-mechanisms-and-risks-factors/new-antidepressant-medication-benefits-versus-adverse-effects>
4. Mitruț P, Docea AO, Kamal AM, Mitruț R., Călina D, Gofită 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. DOI: 10.5772/63408 <http://www.intechopen.com/books/colorectal-cancer-from-pathogenesis-to-treatment/colorectal-cancer-and-inflammatory-bowel-disease>
5. Mitruț P, Streba L, Docea AO, Kamal A, Zaharie SI, Margaritescu ND, Streba C. -Chapter 4: Endoscopic Treatment of Gastrointestinal Bleedings. In Book: Endoscopy- Innovative Uses and Emerging Technologies, Editor: Amornytin S. ISBN 978-953-51-2172-5, InTech, Vienna IN-TECH Education and Publ., Database: WorldCat, 2013, p: 75-93. <https://www.intechopen.com/books/endoscopy-innovative-uses-and-emerging-technologies/endoscopic-treatment-of-gastrointestinal-bleedings>
6. Mitruț P, Docea AO, Călina CD, Streba L. Chapter 15: Endoscopy in Pregnancy. Book: Endoscopy. Editor: S Amornytin. ISBN: 978-953-51-1071-2, InTech, 2013, p. 349-363. DOI: 10.5772/52550 <http://www.intechopen.com/books/endoscopy/endoscopy-in-pregnancy>
7. Mitruț P, Mitruț AO, Streba L, Călina 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. <http://www.intechopen.com/books/gastrointestinal-endoscopy/sedation-related-to-gastrointestinal-endoscopy>

## **F. ARTICOLE ÎN EXTENS ÎN REVISTE INDEXATE BDI – 9**

### **AUTOR PRINCIPAL: 1**

1. Calina D, Popescu M., Gofita E, Turcu-Stiolica A, Docea AO. Pharmacotherapeutic approach to osteoporosis in elderly patients. Current Health Science Journal. 2016, 42(suppl 5):15-18

### **COAUTOR: 8**

1. Petrakis D., Vassilopoulou L., Docea A.O., Gofită E., Vucinic S., Rakitskii V.N., Tsatsakis A.M. An overview update in chemical, biological and nuclear weapons and their effects in human health. Zdravookhranenie Rossiyskoy Federatsii (Health Care of the Russian Federation, Russian journal). 2017; 61 (2): 103—112.
2. Emilia Pătru, Daniela Cornelia Călina, C.L. Pătru, Anca Oana Docea, Roxana Maria Pascu - The Physician's Attitude towards the End of the Existence. CURRENT HEALTH SCIENCE JOURNAL. 2014, 40(2): 52-56 Published 2014, ISSN: 2067-0656
3. Daniela Cornelia Calina, Anca Oana Docea, Maria Bogdan, Maria Viorica Bubulica, Luminita Chiutu - The Pharmacists and Homeopathy. CURRENT HEALTH SCIENCE JOURNAL. 2014, 40 (1): 57 -59, ISSN: 2067-0656,
4. Luiza Bălăsoiu, Daniela Călina, Anca Docea, Emilia Pătru, H. Popescu - Identification and determination of some mineral substances in Scilla Bifolia by atomic absorption spectrometry. CURRENT HEALTH SCIENCE JOURNAL. 2013, Supplement 3: 36-38, ISSN: 2067-0656.

5. Luiza Balasoiu, Daniela Calina, Anca Docea, Emilia Patru, Laurian Vlase, Maria Viorica Bubulica, Honorius Popescu - Determination of cardiac glycosides in *Scilla bifolia* (Liliaceae) by two different analytical techniques: Thin Layer Chromatography (TLC) and High Performance Liquid Chromatography - Mass Spectrometry (HPLC-MS). JOURNAL OF MEDICINAL PLANTS RESEARCH 7(42): 3131-38. Published Nov. 2013, ISSN 1996-0875
6. Daniela Călina, Neli Kinga Olah, Emilia Pătru, Anca Docea, H. Popescu, Maria-Viorica Bubulică - Chromatographic Analysis of the Flavonoids from *Robinia Pseudoacacia* Species. CURRENT HEALTH SCIENCE JOURNAL. 2013, 39 (4):233-36, ISSN: 2067-0656
7. Daniela Călina, Anca Oana Mitruț, Turcu Stolică A., Bălăsoiu L., Popescu H. - Histo-anatomical data concerning *Robinia Pseudoacacia* L. species (Fabaceae). ACTA MEDICA MARISIENSIS. 2011, 57(5):429-431, ISSN(online): 2247-6113;
8. Stepan, Alma Florescu, Anca Mitruț, Cl. Mărgăritescu, Cristiana Simionescu - Histological Variants of Urothelial Bladder Carcinoma. CURRENT HEALTH SCIENCE JOURNAL 2010, 36(3): 139-142, ISSN: 2067-0656

#### **G. GRANTURI/PROIECTE CĂȘTIGATE PRIN COMPETIȚIE (CA DIRECTOR/RESPONSABIL PROIECT/MEMBRU).**

##### **Director proiect cercetare: 4**

1. Studiarea efectului anti-ageing determinat de activarea telomerazei al unor suplimente alimentare cu extract de *Astragalus membranaceus*, Proiect nr. 162/07.03.2018, finanțat în urma competiției de proiecte științifice organizate de firma SC Onioptic SRL, contract cu Universitatea de Medicină și Farmacie. Perioada: 1.03.2018-1.03.2019
2. Proiect de mobilitate pentru cercetatori PN-III-P1-1.1-MC2017-0594, finanțat în urma competiției naționale de către UEFISCDI Coordonator principal – Docea Anca Oana, UMF Craiova
3. Proiect de mobilitate pentru cercetatori PN-III-P1-1.1-MC-2018-1290, finanțat în urma competiției naționale de către UEFISCDI Coordonator principal – Docea Anca Oana, UMF Craiova
4. Proiect de mobilitate pentru cercetatori PN-III-P1-1.1-MC-2018-1295, finanțat în urma competiției naționale de către UEFISCDI Coordonator principal – Docea Anca Oana, UMF Craiova
- 5.

#### **H. ARTICOLE PUBLICATE ÎN REZUMAT ÎN REVISTE ȘI VOLUMELE UNOR MANIFESTĂRI ȘTIINȚIFICE INTERNAȚIONALE ȘI NAȚIONALE – 62**

##### **H1. Rezumate publicate în reviste ISI/Proceedings – 25**

1. Docea AO. Experimental designs and protocols for long-term combined exposure studies from methodology to application: problems and solutions. Toxicology Letters. 2019;314:S39-S.
2. Rogoveanu OC, Balseanu A, Burada F, Docea AO, Calina D. ROLE OF BONE MARKERS IN EVALUATING THERAPEUTIC RESPONSE IN PATIENTS WITH OSTEOPOROSIS. Osteoporosis International. 2019;30:S436-S.
3. Docea AO, Calina D, Gofita E, Arsene AL, Zlatian O, Crenguța Nicolae A, Drăgoi CM, Nosyrev A, Izotov B, Buga AM, Tsatsakis AM. Behavioral effects changes in rats exposed to real-life chemical mixture at doses around toxicological reference values, Toxicol Lett. 2018, 295(Suppl 1): S176-S177. ISSN 0378-4274. IF 3,166, <https://doi.org/10.1016/j.toxlet.2018.06.820>.
4. Docea Hancu S, Zlatian O, Cristea O, Hancu L, Balasoiu AT, Bacanoiu M, Rosu AF, Docea AO, Calina D. Evaluation of the etiology and resistance of the bacterial pathogens involved in bloodstream infections. International Journal of Clinical Pharmacy. 2019;41(1):336-.
5. AO, Calina D, Gofita E, Arsene AL, Zlatian O, Crenguța Nicolae A, Drăgoi CM, Nosyrev A, Izotov B, Buga AM, Tsatsakis AM. Behavioral effects changes in rats exposed to real-life chemical mixture at doses around toxicological reference values, Toxicol Lett. 2018, 295(Suppl 1): S176-S177. ISSN 0378-4274. IF 3,166, <https://doi.org/10.1016/j.toxlet.2018.06.820>.
6. Obloja MN, AO Docea, S Ianosi, F Gherghina, G Ianosi, P Mitrut, A Turcu Stolica, D Neagoe, R Mitrut, L Dragomir, D Calina. Anti-osteoporosis medication in females: assessing the patient's knowledge. Eur J Hosp Pharm 2018; 25 (suppl 1): A101. IF = 0,718. [http://ejhp.bmj.com/content/25/Suppl\\_1/A101.1](http://ejhp.bmj.com/content/25/Suppl_1/A101.1)
7. Obloja MN, P Mitrut, O Zlatian, A Rosu, R Mitrut, AO Docea, S Ianosi, C Dehelean, G Ianosi, D Neagoe, D Calina. Comparison of patient tolerance between two helicobacter pylori eradication treatments. Eur J Hosp Pharm 2018; 25 (suppl 1):A44. IF = 0,718, [http://ejhp.bmj.com/content/25/Suppl\\_1/A44.3](http://ejhp.bmj.com/content/25/Suppl_1/A44.3)
8. Obloja MN, S Ianosi, D Neagoe, DC Calina, OA Docea, G Ianosi, O Zlatian. Blind comparative study in telangiectasias and reticular veins treatment with nd:yag laser and sclerotherapy. Eur J Hosp Pharm 2018; 25 (suppl 1):A230. IF = 0,718, [http://ejhp.bmj.com/content/25/Suppl\\_1/A230.2](http://ejhp.bmj.com/content/25/Suppl_1/A230.2)

9. Kalogeraki A, Stivaktakis P, Docea AO, Calina D, Gofita E, Arsene AL, Nikitovic D, Tzardi M, Tsatsakis A. Evaluation of long term low dose exposure to mixtures on the lymphocytes of the peripheral blood of rats. *Toxicology Letters* 280S (2017) S124–S126. ISSN 0378-4274. DOI10.1016/j.toxlet.2017.07.349 IF =3,852, [https://ac.els-cdn.com/S0378427417305866/1-s2.0-S0378427417305866-main.pdf?\\_tid=c86a82-da5e-11e7-9c92-00000aacb362&acdnat=1512548817\\_3e70c4e19b49db9925f9ad9b9665ee4e](https://ac.els-cdn.com/S0378427417305866/1-s2.0-S0378427417305866-main.pdf?_tid=c86a82-da5e-11e7-9c92-00000aacb362&acdnat=1512548817_3e70c4e19b49db9925f9ad9b9665ee4e)
10. Docea AO, Calina D, Gofita E, Arsene AL, Kouretas D, Tsatsarakis M, Nosyrev A, Golokhvast K, Gutnikov S, Rakitskii V, Tsatsakis A. Effects of long-term low dose exposure to mixtures of pesticides, food additives and consumer products chemicals on biochemical parameters. *Toxicology Letters* 280S (2017) S217. ISSN 0378-4274A. IF =3,852, [https://ac.els-cdn.com/S0378427417308342/1-s2.0-S0378427417308342-main.pdf?\\_tid=58607824-da5f-11e7-8044-00000aab0f01&acdnat=1512549050\\_0ad202d8fb69adef2e9fd8fe255a7f7](https://ac.els-cdn.com/S0378427417308342/1-s2.0-S0378427417308342-main.pdf?_tid=58607824-da5f-11e7-8044-00000aab0f01&acdnat=1512549050_0ad202d8fb69adef2e9fd8fe255a7f7)
11. AO. Docea, R. Mitrut, O. Zlatian, D. Calina, O. Rogoveanu, E. Gofita, P. Mitrut. The Assessment of the Therapeutic Efficacy and Adverse Effects of Antiviral Treatment with Ombitasvir, Paritaprevir, Ritonavir, Dasabuvir, and Ribavirin in Cirrhotic Patients with Hepatitis C Virus Infection Class Child A. *The Toxicologist, Supplement to Toxicological Sciences*, 150 (1), Abstract 2545, 2017. ISSN 1096-6080. IF = 4,081, <https://www.toxicology.org/pubs/docs/Tox/2017Tox.pdf>
12. Filip O, Călina D, Zlatian O, Roșu L, Roșu AF, Velea R, Rogoveanu O, Gofiță E, Turcu Știolică A, Docea AO. The burden of clostridium difficile infection in a romanian regional hospital. *Eur J Hosp Pharm* 2017;24(Suppl 1):A107. IF = 0,432
13. Filip O, Călina D, Gofiță E, Rogoveanu O, Roșu L, Roșu AF, Velea R, Turcu Știolică A, Mitruț P, Docea AO. Involvement of multidrug resistant flora in invasive infections. *Eur J Hosp Pharm* 2017;24(Suppl 1):A108. IF = 0,432
14. Docea AO, Călina D, M Goumenou, M Neagu, E Gofita, A Tsatsakis. Study design for the determination of toxicity from long-term-low-dose exposure to complex mixtures of pesticides, food additives and lifestyle products. *Toxicology Letters*, Vol. 258S (2016)S1-S324:179, ISSN 0378-4274. IF = 3.522
15. Paul Mitruț, Anca Oana Docea, Aurelia Enescu, Amelia Genunche Dumitrescu, Radu Mitruț. The incidence of primitive liver cancer in patients with C virus cirrhosis evaluated for antiviral therapy. - *JGLD*, June 2016 Vol 25 Suppl. 2: 184-185, ISSN 2457-3876. IF=1.837
16. Paul Mitruț, Anca Oana Docea, Eliza Gofita, Adina Kamal, Liliana Streba. The study of adverse effects and drug interactions in patients with C virus cirrhosis under antiviral interferon-free treatment - *JGLD*, June 2016 Vol 25 Suppl. 2: 185, ISSN 2457-3876. IF=1.837
17. Filip L, Călina D, A Docea, P Mitrut, MV Bubulica, M Balasoiu, A Rosu, O Zlatian, L Rosu, C Bocșaru – Study concerning adverse drug reactions in adult patients from surgical wards in a clinical emergency hospital, *Eur J Hosp Pharm* 2016; 23 (Suppl 1):A1-262. IF = 0,432
18. Filip L, Călina D, C Bocșaru, A Docea, P Mitrut, MV Bubulica, M Balasoiu, O Zlatian, L Rosu. The importance of assessing asymptomatic bacteriuria in hospitalised patients - *Eur J Hosp Pharm* 2016; 23(Suppl 1):A1-262. IF = 0,432
19. C Colcea, D Călina, L Rosu, O Zlatian, AO Docea, L Chiutu, MV Bubulica. Assessment of pharmacist knowledge of contraceptive pills. 2047-9964 (online) *Eur J Hosp Pharm* 2014;21:A15 doi:10.1136/ehjpharm-2013-000436.37. IF= 0.433
20. C Colcea, OM Zlatian, L Rosu, D Călina, AF Rosu, L Chiutu, AO Docea. Correlation between consumption of antimicrobials in the intensive care unit and resistance of *Pseudomonas* and *Klebsiella* in pulmonary infections. 2047-9964 (online) *Eur J Hosp Pharm* 2014;21:A16 doi:10.1136/ehjpharm-2013-000436.39. IF =0.433
21. Paul Mitrut, Anca Docea, Amelia Genunche, Aurelia Enescu - Cholestasis incidence in patients with autoimmune hepatitis (AIH) – *Journal of Gastrointestinal and Liver Diseases*, Vol 22, Suppl 1, June, 2013, 33rd Romanian National Congress of Gastroenterology and Hepatology, Timisoara, June 12-15, 2013, pag. 24, ISSN 1841-8724. IF= 1,811
22. Paul Mitrut, Anca Docea, Amelia Genunche, Aurelia Enescu - Digestive manifestations in patients with chronic kidney disease on hemodialysis – *Journal of Gastrointestinal and Liver Diseases*, Vol 22, Suppl 1, June, 2013, 33rd Romanian National Congress of Gastroenterology and Hepatology, Timisoara, June 12-15, 2013, pag. 132, ISSN 1841-8724. IF=1.849
23. P. Mitrut, Anca Oana Mitrut, Liliana Nita, Daniela Calina, Amelia Genunche Dumitrescu, Daniel Salplahta - Evaluarea riscului de recurenta al diverticulitei acute colonice – *Journal of Gastrointestinal and Liver Diseases*, Volume 20, Number 1, March 2011, Al XXXI-lea Simpozion Național de Gastroenterologie, Hepatologie și Endoscopie digestivă, Mamaia, 19-21 Mai 2011, pag. p.34-35, ISSN: 1841-8724. IF=1.811
24. P. Mitrut, Anca Oana Mitrut, Liliana Nita, Daniela Calina, Amelia Genunche Dumitrescu, Daniel Salplahta - Eficienta administrarii indelungate a rifaximinei la pacientii cu ciroza alcoolica decompensate colonice – *Journal of Gastrointestinal and Liver Diseases*, Volume 20, Number 1, March 2011, Al XXXI-lea Simpozion Național de Gastroenterologie, Hepatologie și Endoscopie digestivă, Mamaia, 19-21 Mai 2011, pag. 92-93, ISSN: 1841-8724. IF=1.811
25. Anca Oana Mitrut, P. Mitrut, Liliana Nita, Daniela Calina, Amelia Genunche Dumitrescu, Daniel Salplahta - Terapie de lunga durata cu carvedilol pentru profilaxia sangerarii variceale la pacientii cirofici - *Journal of Gastrointestinal and Liver Diseases*, Volume 20, Number 1, March 2011, Al XXXI-lea Simpozion Național de Gastroenterologie, Hepatologie și Endoscopie digestivă, Mamaia, 19-21 Mai 2011, pag. 93, ISSN: 1841-8724. IF=1.811

## **H2. Lucrări publicate în reviste și volume de rezumate ale congreselor/conferințelor naționale și internaționale – 37**

1. Docea Anca - Incidenta leziunilor cutanate in hipersensibilitatea chimica indusa de mediile de contrast – la a doua ediție a Congresului Național a Asociației Române de Imuno-Dermatologie, 27-29 Septembrie 2018, București, România - ISBN 978-606-587-530-2
2. Docea Anca, Calina D, Buga AM - Specificul leziunilor cutanate in hipersensibilitatea indusa de agentii de contrast. Rolul comorbiditatilor – la a 7-a ediție a Primăverii Dermatologice Ieșene, 24-26 Mai 2018, Iași, România - ISBN 978-606-587-525-8
3. Calina Daniela, Ianosi Simona, Gofita Eliza, Docea Anca Oana, Iordache A. – Abordarea farmacoterapeutică individualizată în acnee refractară la femei - Zilele UMF din Craiova 2018, Ediția a XLVIII-a, 8-9 iunie 2018, Craiova, Romania, ISBN 1843-2441
4. D Calina, G Ianos, L Chiutu, E Gofita, O Zlatian, R Mitrut, A Iordache, AO Docea. Utilizarea Gabepentinului în analgezia multimodală postoperatorie. Congresul Național de Farmacie ediția a - XVII, 26-29 Septembrie 2018, București, România, . ISSN 2537-2832.
5. AO Docea, E Gofita, O Zlatian, R Mitrut, A Iordache, D Calina. Evaluarea colonizării tractului respirator cu *Staphylococcus aureus* într-un spital județean. Congresul Național de Farmacie ediția a - XVII, 26-29 Septembrie 2018, București, România, . ISSN 2537-2832.
6. Anca Oana Docea, Daniela Calina, Eliza Gofita, Ovidiu Zlatian, Marius Varut, Cristian Olaru - Mixtures effects on biochemical parameters after long-term low-dose exposure – Congresul Național de Toxicologie ediția a –II-a– 2-4 Noiembrie 2017, București, România – ISSN 2601-1077
7. Anca Oana Docea, Paul Mitruț, Daniela Calina, Eliza Gofiță – Evaluation of adverse effects in antiviral therapies in virus infection C – „Conferința Națională de Farmacie Clinică” Ediția a II-a – 15-17 Iunie 2017, București, România ISBN 978-973-0-24609-4
8. Calina Daniela, Mitrut Paul, Bogdan Maria, Anca Oana Docea, Eliza Gofiță – Antibiotic management in acute COPB – Conferința Națională de Farmacie Clinică” Ediția a II-a – 15-17 Iunie 2017, București, România ISBN 978-973-0-24609-4
9. Calina Daniela, Geormaneanu Cristina, Bogdan Maria, Anca Oana Docea, Eliza Gofiță - Acute Pain therapy in the emergency department - Conferința Națională de Farmacie Clinică” Ediția a II-a – 15-17 Iunie 2017, București, România ISBN 978-973-0-24609-4
10. Calina Daniela, Gofita Eliza, Docea Anca, Zlatian Ovidiu, Balasoiu Maria – Etiopathogeny and risk factors for urinary tract infections in children – „Conferința Națională de Farmacie Clinică” Prima Ediție – 17-18 Iunie 2016, București, România, ISBN 978-973-0-21752-0
11. Calina Daniela, Gofita Eliza, Docea Anca, Zlatian Ovidiu, Balasoiu Maria – Multidrug-resistant germs involvement in otorhinolaryngology suppurations „Conferința Națională de Farmacie Clinică” Prima Ediție – 17-18 Iunie 2016, București, România, ISBN 978-973-0-21752-0
12. Docea Anca Oana, Gofita Eliza, Calina Daniela, Mitrut R, Marina Paraskevi Goumenou - Design study for determination of toxicity from long term-low dose exposure to pesticides mixtures in combination with dietary food additives and lifestyle additives. ZILELE U.M.F. CRAIOVA a- XLVI Ediție, 3-4 Iunie 2016, Craiova, România, ISSN 1843-2441
13. Gofita Eliza, Docea Anca Oana, Calina Daniela, Mitrut R, Marinas M.C - Risk assessment of chlorpyrifos poisoning in pregnant women from Dolj county - ZILELE U.M.F. CRAIOVA a- XLVI Ediție, 3-4 Iunie 2016, Craiova, România, ISSN 1843-2441
14. Anca Oana Docea, Eliza Gofiță, Daniela Călina, Paul Mitruț - The study of Entecavir treatment adverse reactions on patients with chronic hepatitis B virus infection – Congresul Național de Toxicologie cu participare internațională, 16-18 Octombrie 2015, București, România, ISSN:2457-8789
15. Călina Daniela, Rogoveanu Otilia, Gofiță Eliza, Bubulică Maria Viorica, Mitruț Paul, Bogdan Maria, Docea Anca – Study concerning the use of conventional and complementary therapies in patients with osteoarthritis - Congresul Național de Toxicologie cu participare internațională, 16-18 Octombrie 2015, București, România, ISSN:2457-8789
16. Anca Oana Docea, Eliza Gofiță, Daniela Călina, Paul Mitruț - The assessment of the incidence of autoimmune adverse reactions in patients with hepatitis C virus infection in therapy with interferon and ribavirin – Congresul Național de Toxicologie cu participare internațională, 16-18 Octombrie 2015, București, România, ISSN:2457-8789.
17. Docea Anca Oana, Mitruț P., Ionică Floriana, Călina Daniela, Gofiță Eliza - Evaluarea incidenței efectelor adverse hematologice la pacienții cu hepatită virală C tratați cu terapie antivirală - Zilele UMF Craiova a XLIV – a ediție, 6-7 iunie 2014, ISBN:9737757-15-7.
18. P Mitruț, AO Docea, A Genunchi-Dumitrescu - Prevalence of extraintestinal manifestations in patients with inflammatory bowel diseases, Falk Symposium 190, Challenges in the Care of IBD IN Patients of All Ages Advances in Pathogenesis and Treatment, 2-3 Octombrie, 2013, London, Great Britain, 55.
19. P. Mitruț, AO Docea, A Genunchi-Dumitrescu, D. Badea - Treatment with proton- pump inhibitors and budesonide is effective in adult, atients with eosinophilic esophagitis, Falk Symposium 189, Eosinophilic Esophagitis: a Novel chronic-Inflammatory Disease of the GI Tract, 6-7 Septembrie, 2013, Graz, Austria, 20.

20. P. Mitruț, AO Docea, A Genunche-Dumitrescu, D. Badea - Prevalence clinical presentation and endoscopic findings of eosinophilic esophagitis in adult patients in south-west region of Romania, Falk Symposium 189, Eosinophilic Esophagitis: a Novel chronic-Inflammatory Disease of the GI Tract, 6-7 Septembrie, 2013, Graz, Austria, 19.
21. Paul Mitruț, Anca Oana Docea, Aurelia Enescu, Amelia Genunche-Dumitrescu, Daniela Badea, Daniel Salplahta „The efficacy of mesalazine therapy (Salofalk tablets) in spondylarthropathies”, Falk Symposium 186, Challenges of Liver Cirrhosis and Tumors: Prevent it, Treat it, Manage Consequences, 5-6 Octombrie, 2012, Mainz, Germany
22. Anca Oana Docea, Paul Mitruț, Daniela Calina, Eliza Gofita, Amelia Genunche-Dumitrescu, Radu Mitruț, Daniel Salplahta, „The study of predictive factors concerning the risk of renal complications of chronic ascitis”, Falk Symposium 186, Challenges of Liver Cirrhosis and Tumors: Prevent it, Treat it, Manage Consequences, 5-6 Octombrie, 2012, Mainz, Germany
23. P. Mitruț, A.O. Docea, A. Genunche-Dumitrescu, D. Badea, A. Enescu, E. Gofita, D. Calina, D. Salplahta, „Digestive manifestations in chronic kidney disease with hemodialysis”, Falk Symposium 185, Interfaces and Controversies in Gastroenterology, 3-4 Octombrie, 2012, Mainz, Germany
24. Gofita E., Docea A.O., Calina D., Chiutu L. - Studiul cazurilor tratate prin hemodializa in intoxicatiile acute cu xenobiotice - Actualități și perspective în cercetarea farmaceutica, 26-28 septembrie 2012, Craiova, ISBN 978-606-11-2833-4
25. A. O. Docea, P. Mitruț, D. Calina, E. Gofita, A. Genunche-Dumitrescu, D. Badea, R. Mitruț, “TGF- $\beta$ , TGFBR1 and Ki67 expression in intestinal type of gastric carcinomas”, Falk Symposium 185, Interfaces and Controversies in Gastroenterology, 3-4 Octombrie, 2012, Mainz, Germany
26. Daniela Călina, Anca Oana Mitruț, Turcu Stolică A., Bălășoiu L., Popescu H. - Histo-anatomical data concerning Robinia Pseudoacacia L. species (Fabaceae) - Acta Medica Marisiensis, vol. 57, suppl. 3, July 2011, p 16, The 4 th Conference of Phd Students and the First Conference of Postdoctoral Researchers in Medicine and Pharmacy 6-8 iulie 2011, Targu Mureș, ISSN 2068-3324
27. Anca Oana Mitruț, Cl. Margaritescu, Cristiana Simionescu, Gruia C., Docht C., Călina D. - The utility of VEGF, TAG-72 and KI-67 immunohistochemical investigation in gastric cancer - Acta Medica Marisiensis, vol. 57, suppl. 3, July 2011, p 11, The 4 th Conference of Phd Students and the First Conference of Postdoctoral Researchers in Medicine and Pharmacy 6-8 iulie 2011, Targu Mureș, ISSN 2068-3324
28. Anca Oana Mitruț, Daniela Călina, Mitruț P., Gofită E – The management of acute bacterial pneumonia in elderly patients - International Congress of Romanian Society of Clinical Pharmacology, Therapeutics and Toxicology 7 -11 iunie 2011, București, România, Therapeutics pharmacology and clinical toxicology, vol. XV, suppl. II, June 2011, p.67, ISSN 2066-0170 (B+, cod 605)
29. Anca Oana Mitruț, Daniela Călina, Gofită E., Roșu L., Mitruț P., Study of the sensitivity to antibiotics of Staphylococcus aureus strains isolated from genital infections - International Congress of Romanian Society of Clinical Pharmacology, Therapeutics and Toxicology 7-11 iunie 2011, București, România, Therapeutics pharmacology and clinical toxicology, vol. XV, suppl. II, June 2011, p.66, ISSN 2066-0170 (B+, cod 605).
30. Anca Oana Mitruț, Eliza Gofita, Mitruț P., Călina D - Lead Poisoning caused by boilers used to plum brandy distillation - International Congress of Romanian Society of Clinical Pharmacology, Therapeutics and Toxicology, 7 -11 iunie 2011, București, România, Therapeutics pharmacology and clinical toxicology, vol. XV, suppl. II, June 2011, p.60, ISSN 2066-0170 (B+, cod 605).
31. Paul Mitruț, Anca Oana Mitruț et. col., - Assessment the risk of recurrence in colonic diverticulitis, Falk Symposium 177 „Intestinal Disease Meeting”, 15-16 Aprilie, 2011, Berlin, Germany.
32. Paul Mitruț, Anca Oana Mitruț et. col - Hepatobiliary complications in IBD, Falk Symposium 177 „Intestinal Disease Meeting”, 15-16 Aprilie, 2011, Berlin, Germany.
33. P. Mitruț, A. Genunche-Dumitrescu, Anca Oana Mitruț et. col - The study of the efficacy of UDCA (ursodeoxycholic acid) therapy in alcoholic steatohepatitis, Falk Workshop, 5-6 Octombrie, 2010, Freiburg, Germany.
34. P. Mitruț, Anca Oana Mitruț et. col - The prevalence of non-alcoholic liver disease (NAFLD) amongst patients with the metabolic syndrome, Falk Symposium 176, 9-10 Octombrie, 2010, Freiburg, Germany.
35. P. Mitruț, Anca Oana Mitruț et. col - Hereditary aspects in colorectal cancer, Falk Symposium 176, 9-10 Octombrie, 2010, Freiburg, Germany.
36. P. Mitruț, A. Genunche-Dumitrescu, Anca Oana Mitruț - The prediction of the recrudescence risk in autoimmune hepatitis (AIH), Falk Workshop, 15-16 Octombrie, 2009, Hannover, Germany.
37. P. Mitruț, Anca Oana Mitruț et. col - The study of the efficacy of UDCA (ursodeoxycholic acid) therapy in NASH, Falk Symposium 171, 17-18 Octombrie, 2009, Hannover, Germany.