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| Curriculum Vitae Europass |  | | |
| Personal information | | | |
| Surname / Name | Filip Gabriela Adriana | | |
| Address | Barsei Street, no 1/17, Cluj-Napoca | | |
| Telephone | 0264 447056 | Mobile | (40) 745 268704 |
| E-mail | adrianafilip33@yahoo.com | | |
| Nationality | Romanian | | |
| Date of birth | 04.08.1969 | | |
| Gender | female | | |
| Occupational field | Medicine | | |
| Work experience | | | |
| Dates / Occupations or positions held | 1994-1995 – intern, Clinical Hospital for Children Cluj-Napoca 1995-1999 – resident, dermatology-venereology, County Clinical Hospital Cluj-Napoca 1997-2004 – Teaching Assistant, Physiology Department, University of Medicine and Pharmacy “Iuliu Hatieganu” Cluj-Napoca 2004 - 2012 – Lecturer, Physiology Department, University of Medicine and Pharmacy “Iuliu Hatieganu” Cluj-Napoca 2012 – today - Associate Professor, Physiology Department, University of Medicine and Pharmacy “Iuliu Hatieganu” Cluj-Napoca 2017 – Professor, Physiology Department, University of Medicine and Pharmacy “Iuliu Hatieganu” Cluj-Napoca | | |
| Main activities and responsibilities | Physiology Course Holder for Year I and II General Medicine and Year I Dental Medicine | | |
| Name and address of employer | University of Medicine and Pharmacy “Iuliu Hatieganu” Str V. Babeş nr. 8, 40023 Cluj- Napoca (40) 264 59 72 56 | | |
| Type of business or sector | Didactical activities, experimental research, organizing activities | | |
| Education and training | | | |
| Dates / Name and type of organisation providing education and training / Title of qualifications awarded | 1983 – 1987 – Sanitary High School Cluj-Napoca 1987 – 1993 – Faculty of Medicine, University of Medicine and Pharmacy “Iuliu Hatieganu” Cluj-Napoca 2004 – PhD in Medical Sciences, Doctoral Thesis “The Modifications of Reactive Oxygen Species in Psoriasis and Chronic Venous Insufficiency” 1999 – specialist, dermatology-venereology 2004 – senior specialist, dermatology-venereology | | |
| Title of qualifications awarded | Specialist | | |
| Principal subjects / occupational skills covered | Dermatology-venereology | | |
| Dates | 1995 -1999 | | |
| Title of qualifications awarded | Senior Specialist | | |
| Principal subjects / occupational skills covered | Dermatology-venereology dermatoscopy since 2004; mesotherapy since 2006; dermatological surgery since 2003; laser therapy since 2009; cosmetical dermatology; criotherapy; experimental surgery, cosmetology | | |
| Mother tongue | Romanian | | |
| Other languages | English, French | | |

| Self-assessment | Understanding | | Speaking | | Writing |
|---------------------------------------|---|---------|--------------------|-------------------|---------|
| <i>European level (*)</i> | Listening | Reading | Spoken interaction | Spoken production | |
| English | C1 | B2 | B2 | B2 | B1 |
| French | C1 | B2 | A2 | A1 | A2 |
| Teaching activity | Courses: General and Special Physiology, General Medicine and Dental Medicine, Medical College and Faculty of Licensed Medical Nurses Practical study: the students of years I, II General Medicine, year I Stomatology, year I Pharmacy | | | | |
| Professional competences | Physiology, Dermatology, Photodynamic therapy, Chemoprevention with natural compounds Nanomaterials for skin and other inflammatory diseases including metallic nanomaterials | | | | |
| Organizational skills and competences | Treasurer of the Romanian Physiology Society (SRF) since 2008 until 2013 Founding Member of: ASOM – Oxidative Stress in Medicine Association 2008 BIOCOM – The Center for the Study of Biocompatibility of Natural and Synthesized Compounds 2009 Coordinator of the Students’ Scientific Society, Physiology Department, University of Medicine and Pharmacy “Iuliu Hatieganu” Cluj-Napoca Head of the Laboratory of Cellular Cultures, Physiology Department, University of Medicine and Pharmacy “Iuliu Hatieganu” Cluj-Napoca | | | | |
| Technical skills and competences | Dermatologic Surgery, Dermatoscopy, Mesotherapy, LASER Therapy, Experimental Surgery, Cosmetic Dermatology | | | | |
| Computer skills and competences | Use of Microsoft Office Suite | | | | |

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| Other skills and competences | <p>-collaborator for 14 postgraduate courses: "The Implications of Oxidative Stress in Clinical Pathology", Cluj-Napoca, 2005 si 2007; "Therapeutical applications of natural products with antioxidant activity", 2010; „Physiological principles of nutrition. Natural antioxidants", 2011; Relationship between oxidative stress and inflammation. Natural and shynthesis antioxidants used in inflammatory conditions" Oradea 2014; "Interrelation of oxidative stress with endocrine pathology. Natural and synthesis antioxidants in endocrine pathology" Oradea, January 2015; "Implications of the oxidative / antioxidant system in the normal functioning and pathology of the renal system" Oradea, November 2015 „Physiology and pathophysiology of digestion and interrelations with oxidative stress "Oradea, January 2016; Implications of the oxidant / antioxidant system in normal functioning and pathology of renal system" Baia Mare, November 2015; "Physiology and pathophysiology of digestion and interrelations with oxidative stress "Baia Mare, January, 2015; "Implications of oxynitrosative stress in endothelial dysfunction and related pathologies: Oradea, November 2016; "Physiological mechanisms for regulating food intake. Pathophysiology of Metabolic Syndrome and Interrelations with Oxidative Stress "Oradea, January 2017; "Endothelial dysfunction and associated pathologies: the role of reactive oxygen and nitrogen species "Baia Mare, November 2016 "Mechanisms for regulating food intake. Relationship with Dismetabolic Syndrome and Obesity "Baia Mare, January 2017; The evaluation of oxidative stress on experimental models and the involvement of oxidative stress in different clinical conditions"", Baia Mare January 2018; The food behavior – the hypothalamus role in food behavior regulation and relationship with " Oradea 2018; "The involvement of hypothalamus in food behavior regulation and the dismetabolic syndrome"" Baia Mare 2018;</p> <p>-collaborator for clinical multicentric study "Karacnyl crème", may-june 2004'</p> <p>- member of the faculty of the Doctoral School of University of Medicine and Pharmacy "Iuliu Hatieganu", Cluj-Napoca since 2010 – courses ""Preclinical research techniques and procedures"2011, 2012, 2016, 2018, 2019; ""The relationship of inflammation mediators with oxidative stress parameters"" together Simona Clichici in 2011, 2014, 2015, 2016, 2017 and 2018, 2019; The toxicity of dental materials M6.2 2915, 2016, 2017, 2018, 2019: ""Theoretical basis of the in vitro and in vivo experiment - cell cultures and isolated organ"" 2018, 2019</p> <p>- CNCSIS evaluator in 2007</p> <p>- mentor of student Mihai Furcea project "Correlation between insulin resistance and hyperandrogenis in PCOS: does androgenic inhibition improve insulin resistance?" 2011; mentor of a student Tiberiu Popescu, project "Methods of photodynamic therapy optimization in malignant tumours. <i>In vivo</i> studies." 2011; mentor of student Alexandra Daneasa project: Oxidative stress and inflammatory status assessment in usually insulin resistant tissues of PCOS rat model before and after spironolactone treatment", 2013; mentor of a student Cristina Cucolas project: Resveratrol as an antioxidant protector on intestinal ischemia and reperfusion rat model" 2013; mentor of an assistant professor Ioana Baldea project: "Mechanisms of cell death following photodynamic therapy with innovative porphyrins in melanoma and other malignancies", 2011 and Diana Olteanu, "The "in vitro" investigation of the pathways involved in photochemoprevention modulated by <i>Calluna vulgaris</i>", 2011; Dr. Meda Simu "In vitro and in vivo modulation of osteogenic and osteoblastic differentiation of some stem cells using natural compounds "2015; Ioana Baldea "Innovative strategies for photodynamic therapy in melanoma with complex photosensitizers – graphenes functionalized with metal-substituted porphyrins" 2015</p> |
| Social skills and competences | <p>Good communication skills Good capacity to work in a team Adaptability, flexibility</p> |

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| Other skills and competences | <p>Teaching & Learning and Educational Media, 1999; Teaching medical physiology in United Kingdom, 2006; Dermatoscopy – diagnostic method in pigment lesions. Course code 61, 29.11 – 03.12.2004; 2928/ 8-9 June 2011; Dermatological and cosmetical surgery, Cluj Napoca, 7-11 April 2003</p> <p>Mesotherapy Course, Bucharest, 23 – 26 December 2006; Free Radicals School, Davos, 2006</p> <p>Short Course on Validation Methods, Elba, 2007; Project Management Course, Cluj-Napoca, March 2008; „Cosmetic Dermatology”, Cluj Napoca, June, 2009; Courses for PhD students „Techniques and procedures of preclinical research” 2012 ; “The relationship of inflammatory mediators and oxidative stress parameters” 2012, 2014, 2015; Collaborator of postgraduated courses</p> <p>Psychoneuroendocrinology and Immunology: the physiological bases of psychosomatics” as part of Master in Psychsomatic Medicine, coordinated by Prof. PhD, MD Dan Dumistrascu</p> <p>Reviewer for medical journals: Molecular and Cellular Biochemistry; Expert Opinion On Therapeutic Targets; Experimental Oncology; Journal of Photoenergy</p> |
| National grants | <ol style="list-style-type: none"> 1. PN II 42104/2008 – Project Director “Photochemoprotection through natural compounds in photo induced epithelial cutaneous neoplasia”, CHEMPROTECT, period 36 months; 2. PN-II-PT-PCCA-2011-3.1-0914 type 1 – Responsible Partner, „Dermatological products based on hybrid biomaterials derived from anthocyanins and metallic nanoparticles "Dir. Olenic Liliana 3. PN-III-P4-ID-PCE-2016-0396 – Project Director „Signaling pathways and target molecules involved in chemoprevention with conjugates obtained from silver nanoparticles and natural extracts in oral carcinogenesis”, 2017 - 2019 4. PN II type MC– 2008-2, cod 72 - Project Director "Effects of Chitosan-Porphyrins composites in vivo in Walker carcinoma", Istanbul 2008; 5. CEEX 102/2006 - Biocomposites with porphyrins with applicability in the photodynamic therapy of malignant cutaneous tumors (PORFIDERM) (member); 6. PN II 61049/2007 – The study of the genic implication in postgenomic era, member, source ANCS, period 36 months (member); 7. PN II 421120/2008 –The evaluation and modulation of the biodistribution and citotoxicity of carbon nanotubules with biomedical applications (NANOCITOX), period 36 months (member); 8. PN II 12131/2008 - Expert system for the non-invasive prognosis of chronic hepatic pathology evolution through the analysis of the biological and portal hemodynamic parameters, (member); 9. PN II 42115/2008 – The selective photothermal nonotherapy of the hepatocarcinoma trough intracellular internalization and the mechanism of LASER activation of the carbon nanotubes bio-ligand functionalized, period 36 months (member); 10. PN II 62-091/2008 – The development of innovative methods of molecular diagnosis and stratification of the risk factors for atherosclerosis, period 36 months (member); 11. Romanian Academy 135/2007 – A research on endothelial dysfunction and of the role of plasmatic biomarkers in the initiation and progression of peripheral vascular lesions in atherosclerosis (member); 12. PN-II-PT-PCCA-2011-3.2-1275 „New generations of biomaterials for cosmetic dentistry Dir. Marioara Moldovan (member) 13. PN-II-PT-PCCA- 2013-4-1282 “New biocomposites materials based on biocompatible polymers and graphene for dental medicine applications”, Dir. Pruneanu Stela (member) 14. PN-III-P2-2.1-PED-2016-1521 – nr 157/2017 PED “The re-launch of an old medicine through crystalline engineering: the development of ketoconazole antifungal products " (member) |
| Member of the professional associations | <p>Romanian Society of Physiological Sciences (SRSF) since 1997</p> <p>European Federation of Physiological Sciences (FEPS) since 1997</p> <p>International Union Physiological Sciences (IUPS) since 1997</p> <p>Romanian Society of Dermatology since 1996</p> <p>Association of Transylvanian Dermatologists since 1996</p> <p>The Mesotherapy Association since 2006</p> <p>Antiageing Medicine Association since 2007</p> <p>European Academy Dermatology and Venereology (EADV) since 2010</p> <p>Free International Association of Researchers on Natural Substances 09 (FIARNS09) since 2011</p> <p>Romanian Society of Dermatologic Oncology since 2011</p> |

Awards, diplomas, distinctions

- CNCSIS Prize: Photochemoprevention of cutaneous neoplasia through natural products, *Experimental oncology*, 31(1), 8-15, March 2009 - Filip GA, Clichici SV et al
- CNCSIS Prize: Effects of PDT with 5-ALA and chitosan on Walker carcinoma, *Experimental oncology*, 30(3), 212-19, September 2008 - Filip GA, Clichici SV et al
- **2nd prizes at The Day of University Medicine and Pharmacy: 2008**, - Adriana G. Filip, Simona V. Clichici, Doina Daicoviciu, Șoimița Suci, Rodica M. Ion, Simina Dreve, Nicoleta Decea, Dana Bucur, Studii de terapie fotodinamica cu macrocicli tetrapirolici in carcinosarcomul Walker
- **2nd prize at The Day of University Medicine and Pharmacy: 2010**, Olteanu D, Filip A, Clichici S, Daicoviciu D, Mocan T, Postescu ID, Tămas M, Bolfă P, Cătoi C, Moldovan R, Decea N
"Fotochemoprotectia leziunilor cutanate la soareci SKH-1 prin doua extracte naturale: *Calluna Vulgaris* si *Vitis Vinifera*"
- **1st Prize at The Day of University Medicine and Pharmacy 2012** – Olteanu Diana, Filip Adriana, Bâldea Ioana, Clichici Simona, Bolfa Pompei, Nagy Andras, Mureșan Adriana, In vitro studies of *Calluna Vulgaris* extract on normal cellular lines
- **1st Prize at The Day of University Medicine and Pharmacy 2014** - Ioana Bâldea, Diana E Olteanu, Pompei Bolfa, Rodica Mariana Ion, Nicoleta Decea, Mihai Cenariu, Manuela Banciu, Alina Viorica Sesarman, Adriana Gabriela Filip, Efficiency of photodynamic therapy on WM35 melanoma with new synthetic porphyrins: role of chemical structure, intracellular targeting and antioxidant defense
- **2nd prize at The Day of University Medicine and Pharmacy: 2013** – Toader A, Filip A, Dogaru G, Tabaran F, Grad O, Decea N, Muresan A, Terapia combinata cu melatonina si hipotermie previne apoptoza si reduce stresul oxidativ pe mode de encefalopatie hypoxic –ischemica neonatala
- **2nd prize at The Day of University Medicine and Pharmacy: 2015** – Diana Olteanu, Adriana Filip, Crina Socaciu, Camelia Alb, Marioara Moldovan, Alexandru Biris, Ioana Baldea, Stela Pruneanu, „Profilul de citotoxicitate al unor grafene asupra celuleor stem din foliculul dentar. Studii in vitro.
- **3rd prize at The Day of University Medicine and Pharmacy: 2015** – Alexandra Sevastre Berghian, Ionut Caravan, Nicoleta Decea, Remus Moldovan, Remus Orasan, Adriana Filip, Modificarile comportamentale si stresul oxidativ induse de administrarea de cafeina la animalele ovariectomizate
- **Victor Papiilian Prize** – 2001, 2005 and 2008 awarded by the Board of the University of Medicine and Pharmacy Cluj Napoca to the Department of Physiology for organization of the Laboratory for research of oxidative stress and for the outstanding quality of the research activity
- best presented poster :*The influence of natural antioxidants on oxidative stress in hyperthyroidism*, Joanta A., Clichici S., Filip A., Suci S., - Conference of Physiological Science with International Participation "Risk factors and health: from molecule to the scientific basis of prevention", Belgrad/Zrenjanin, 7-9.11.2003.
- Bronze Medal – Pro-Invent 2008 – The state agency for intellectual property of the Republic of Moldavia
- the **first prize** at The Xth Congress of Romanian Society of Physiological, **2008**, Simona Clichici, Maria Perde-Schrepler, Adriana Filip, Doina Daicoviciu, Piroška Virag, Eva Fischer – Fodor, Ioana Brie, Rodica Mariana Ion, C. Login, Adriana Muresan, In vitro and in vivo assessment of the efficiency of photodynamic therapy with tetrasulphophenil-porphyrin
- **3rd prize** at The XXIIIth National Conference of Romanian Society of Physiological, **2009**, Craiova Ioana Baldea, Cosgarea Rodica, Filip Adriana, Muresan Adriana, Influence of all trans retinoic acid and ultraviolet light exposure on normal human melanocyte cultures
- The **Gold medal and Excellent Degree** at the 9th International Salon of Invention Proinvent, 2011, Cluj-Napoca for "Pharmaceuticals compounds with photochemoprotective effects" and at the 16th International Salon of ProInvent 2016 with "Cream with photochemoprotective effect and the procedure for its obtaining" and "Gel with photochemoprotective effect and the procedure for its obtaining"
- UEFISCDI Prize: 879/PN-II-RU-PRECISI-2011-3-0902 Photoprotective Effects of 2 Natural Products on ultraviolet B–Induced Oxidative Stress and Apoptosis in SKH-1 Mouse Skin, Adriana Filip et al. *JOURNAL OF MEDICINAL FOOD, Food science & technology*, 1096-620X,
- UEFISCDI Prize: PN-II-RU-PRECISI-2012-6-0123 S Clichici, A Biris, F Tabaran, A Filip "Transient oxidative stress and inflammation after intraperitoneal administration of multiwalled carbon nanotubes functionalized with single strand DNA in rats" *Toxicol Appl. Pharmacol* 15; 259 (3): 281-92, 2012
- UEFISCDI Prize: PN-II-RU-PRECISI-2012-6-0910 Postescu ID, Chereches G, Tatomir C, Daicoviciu D, Filip GA, Modulation of Doxorubicin-Induced Oxidative stress by a grape (*Vitis Vinifera* L.) seed extract in normal and Tumor Cells, *J Med Food*, 15, 7, pp. 639-645, 2012, *Food Science and Technology*, 1096-620X
- UEFISCDI Prize: PN-II-RU-PRECISI-2013-7-2191 Maria Crisan, Luminita David, Bianca Moldovan Adriana Vulcu, Simina Dreve, Maria Perde-Schrepler, Corina Tatomir, Adriana Gabriela Filip, Pompei Bolfa, Marcela Achim, Ioana Chiorean, Irina Kacso, Camelia Berghian Grosan and Liliana Olenic New nanomaterials for the improvement of psoriatic lesion *J MATER CHEM Science – CHEMISTRY, PHYSICAL* (2013), DOI: 10.1039/c3tb20476f; ISSN 0959-942

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| | Award for Teaching Excellence - Faculty of Medicine, The "heart" - the first module of integrated medical education module , Days of "Iuliu Hațieganu", December 6, 2012 |
| Invited speaker | 4 th International Conference on Oxidative Stress in Skin Medicine and Biology, Greece, 11-14 September 2008 , "Vascular changes in rat's tumor after 5-Aminolevulinic Acid and Chitosan Photodynamic Therapy". 5 th International Conference on Oxidative Stress in Skin Medicine and Biology, Greece, 1-4 September 2011 7 th International Conference on Oxidative Stress in Skin Medicine and Biology, Greece, 1-4 September 2016 "Medical applications of bio-functionalized gold nanoparticles with natural extracts in skin inflammatory conditions" |
| Patents (applications) | Photochemoprotective gel and manufacturing process – Postescu ID, Filip A , Achim Marcela, Muresan Adriana, Tatomir Corina, Chereches Gabriela, Daicovicu Doina, Perde Maria, Suciuc Soimita, Piroaska Virag, Clichici Simona, Fischer Eva, Soritau Olga, Moldovan Remus, Brie Ioana, Barbos Otilia, Dicu Tiberiu, B.I. nr. 127720/2016 Photoprotective cream and manufacturing process - Postescu ID, Filip A , Achim Marcela, Muresan Adriana, Tatomir Corina, Chereches Gabriela, Daicovicu Doina, Perde Maria, Suciuc Soimita, Piroaska Virag, Clichici Simona, Fischer Eva, Soritau Olga, Moldovan Remus, Brie Ioana, Barbos Otilia, Dicu Tiberiu, B.I. nr. 127719/2016 |
| Books | 1. "Photodynamic therapy – from experiment to clinical application", Medical Univ. Ed "Iuliu Hațieganu" Cluj-Napoca, 2009; 2. Book chapter A. Filip , S Clichici "Chemoprevention of skin cancer by natural compounds" in the book "Skin Cancer", Intech Eds, 2011, ISBN 979-953-307-092-5; 3. Book chapter S Clichici, A Filip , "Photodynamic therapy in skin cancer" in the book "Skin Cancer", Intech Eds, 2011, ISBN 979-953-307-092-5; 4. Book Chapter Simona Clichici and Adriana Filip " <i>In vivo</i> Assessment of Nanomaterials Toxicity" in book "Nanomaterials – Toxicity and Risk Assessment", book edited by Sonia Soloneski and Marcelo L. Larramendy, ISBN 978-953-51-2143-5, July 15, 2015; 5. Book Chapter Ioana Baldea, Iuliana Nenu, Diana Tudor, Adriana Filip "Advances of Immunotherapy in Melanoma: Where do we stand?" in cartea Recent Advances in skin cancer", Avid Science, 2016; 6. Book Chapter Ioana Scrobota, Silviu Valentin Vlad and Gabriela Adriana Filip „Current Trends in Oral Cancer Chemoprevention" in cartea „Oral Cancer", Avid Science, July 20, 2016. 7. „Fundamentals of clinical physiology", Adriana Filip, Simona Clichici, Ed Casa Cărții de Știință, Cluj-Napoca, 2014, ISBN 978-606-17-0509-2; 8. „Syntheses de physiologie" Simona Clichici, Adriana Filip, Ed Casa Cărții de Știință, Cluj-Napoca, 2014, ISBN 978-606-17-0510-8; 9. „Compendium of cardiovascular physiology" Coordinator Remus Orasan, author Adriana Filip, "Iuliu Hațieganu" Medical Publishing House, Cluj-Napoca, 2017; 10. "Physiology – Practical Work", "Iuliu Hațieganu" Medical Publishing House Cluj-Napoca, 2016, ISBN 978-973-693-658-6 Coordinator Prof. Dr. Remus Orasan, authors: S. Clichici, A. Filip, et al. 11. "Skin Pathology" volume 2, 1998 under the editorship of Professor N. Maier (cooperation to the editing of handbooks); 12. "Oxidative Stress in Physiologic and Pathologic processes", the chapter "Implications of oxygen reactive species and of nitrogen in chronic venous insufficiency" under the editorship of Adriana Muresan, Remus Orasan, Simona Tache, Tedesco Editing House 2006; 13. Biology Tests for the admission to UMPH, ed 1998, 2000, 2003, 2005, 2007, 2008, 2009, 2010, 2011, 2013, 2014, 2015 editions. |
| The habilitation thesis | "Complex therapeutic strategies using porphyrins, natural products and hybrid materials with natural products in inflammation and experimental tumors", Order of the Minister 5354 / 29.09.2016 |
| Published scientific papers | 92 articles published in ISI journals (58 as main author and 34 coauthor), and 15 BDI journals; Total impact factor = 158,27; Citations: 1592 (Google Scholar); ISI Web of science (Core Collection) without self-citations = 748; Hirsch Index = 17 (Web of Science) ResearchID C-2906-2011; BrainMap U-1700-034F-8459 |
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ISI article main author

- Baldea I, Olteanu D, Filip GA, Pogacean F, Coros M, Suciuc M, Tudoran LB and Pruneanu S. *Cytotoxicity mechanisms of nitrogen-doped graphene obtained by electrochemical exfoliation of graphite rods, on human endothelial and colon cancer cells*. Carbon, 2020, 158: 267-281 (corresponding author) **IF = 7,46**
- David L, Moldovan B, Baldea I, Olteanu D, Bolfa P, Clichici S, **Filip GA**. *Modulatory effects of Cornus sanguinea L. mediated green synthesized silver nanoparticles on oxidative stress, COX-2/NOS2 and NFκB/pNFκB expressions in*

- experimental inflammation in Wistar rats*. Mater Sci Eng C Mater Biol Appl. 2020 May;110:110709. doi: 10.1016/j.msec.2020.110709. **IF= 4,95**
3. Laszló IP, Laszló MR, Toma V, Baldea I, Olteanu D, David L, Moldovan B, Ion RM, Moldovan R, **Filip GA**, Kacso G, Cainap C, Clichici S, Muresan A. *The in vivo modulatory effects of Cornus ams extract on photodynamic therapy in experimental tumors* Photodiagnosis Photodyn Ther. 2020 Jan 8:101656. doi: 10.1016/j.pdpdt.2020.101656. (corresponding author) **IF= 2,58**
 4. Baldea I, Florea A, Olteanu D, Clichici S, David L, Moldovan B, Cenariu M, Achim M, Suharoschi R, Danescu S, Vulcu A, **Filip GA**. *Effects of silver and gold nanoparticles phytosynthesized with Cornus mas extract on oral dysplastic human cells*. Nanomedicine (Lond). 2020 Jan;15(1):55-75. doi: 10.2217/nnm-2019-0290. **IF=4,71**
 5. Cristina Nicoleta Tiboc (Schnell), Sorin Claudiu Man, Valentina Sas, **Gabriela Adriana Filip**. *Home Respiratory Polygraphy-An Alternative for the Diagnosis of Pediatric Obstructive Sleep Apnea Syndrome*, J of Pediatrics, Perinatology and Child Health **Doi:** 10.26502/jppch.74050027, **IF=1,9**
 6. Leontin Lazar, Diana Elena Olteanu, Radu Iuga, Claudia Burz, Marcela Achim, Simona Clichici, Lucia Tefas, Iuliana Nenu, Diana Tudor, Ioana Baldea, Adriana Filip *Solid lipid nanoparticles: main characteristics and prospective therapeutic effects in cancer treatment* Critical Reviews™ in Therapeutic Drug Carrier Systems **DOI:** 10.1615/CritRevTherDrugCarrierSyst.2019020396, (corresponding author) **IF=2,9**
 7. David L, Danciu V, Moldovan B, **Filip A**. *Effects of In Vitro Gastrointestinal Digestion on the Antioxidant Capacity and Anthocyanin Content of Cornelian Cherry Fruit Extract*. Antioxidants (Basel). 2019 Apr 30;8(5). **IF=4,52**
 8. Lupu M, Tudor DV, **Filip GA**, *Influence of mitochondrial and systemic iron levels in heart failure pathology*. Heart Fail Rev. 2019, doi: 10.1007/s10741-019-09788-z. **IF=4,015**
 9. Sevastre-Berghian AC, Toma VA, Sevastre B, Hanganu D, Vlase L, Benedec D, Oniga I, Baldea I, Olteanu D, Moldovan R, Decea N, **Filip GA**, Clichici SV. *Characterization and biological effects of Hypericum extracts on experimentally-induced - anxiety, oxidative stress and inflammation in rats*. J Physiol Pharmacol. 2018 Oct;69(5). doi: 10.26402/jpp.2018.5.13. (corresponding author) **IF=2,47**
 10. Opris R, Toma V, Olteanu D, Baldea I, Baciu AM, Lucaci FI, Berghian-Sevastre A, Tatomir C, Moldovan B, Clichici S, David L, Florea A, **Filip GA**. *Effects of silver nanoparticles functionalized with Cornus mas L. extract on architecture and apoptosis in rat testicle*. Nanomedicine (Lond). 2019 Jan 18. doi: 10.2217/nnm-2018-0193. **IF=5,05**
 11. **Filip GA**, Moldovan B, Baldea I, Olteanu D, Suharoschi R, Decea N, Cismaru CM, Gal E, Cenariu M, Clichici S, David L. *UV-light mediated green synthesis of silver and gold nanoparticles using Cornelian cherry fruit extract and their comparative effects in experimental inflammation*. J Photochem Photobiol B. 2019 Feb;191:26-37. doi: 10.1016/j.jphotobiol.2018.12.006. **IF=3,33**
 12. Jurca T, Baldea I, **Filip GA**, Olteanu D, Clichici S, Pallag A, Vicas L, Marian E, Micle O, Muresan M. *The effect of Tropaeolum majus L. on bacterial infections and in vitro efficacy on apoptosis and DNA lesions in hyperosmotic stress*. J Physiol Pharmacol. 2018; 69(3). doi: 10.26402/jpp.2018.3.06 (corresponding author) **IF=2,478**
 13. Simu MR, Pall E, Radu T, Miclaus M, Culic B, Mesaros AS, Muntean A, **Filip GA**. *Development of a novel biomaterial with an important osteoinductive capacity for hard tissue engineering*. Tissue Cell. 2018 Jun;52:101-107. doi: 10.1016/j.tice.2018.04.004. Epub 2018 Apr 24. **IF=1,43**
 14. Morosanu CO, Jurca RL, Simonca L, Ilies RF, Moldovan R, Florian IS, **Filip GA**. *Experimental cerebral hemispherectomy in rodent models. A systematic review of current literature*. Acta Neurobiol Exp (Wars). 2018;78(1):14-20. **IF=1,5**
 15. Pallag A, **Filip GA**, Olteanu D, Clichici S, Baldea I, Jurca T, Micle O, Vicaș L, Marian E, Sorițău O, Cenariu M, Mureșan M. *Equisetum arvense L. Extract Induces Antibacterial Activity and Modulates Oxidative Stress, Inflammation, and Apoptosis in Endothelial Vascular Cells Exposed to Hyperosmotic Stress*. Oxid Med Cell Longev. 2018 Feb 14;2018:3060525. doi: 10.1155/2018/3060525. eCollection 2018 (corresponding author) **IF=4,93**

16. Baldea I, Giurgiu L, Teacoe ID, Olteanu DE, Olteanu FC, Clichici S, **Filip GA**. *Photodynamic therapy in melanoma – where do we stand?* Curr Med Chem. 2018;25(40):5540-5563 doi: 10.2174/0929867325666171226115626. **IF= 3,46**
17. Baldea I, Teacoe I, Olteanu DE, Vaida-Voievod C, Clichici A, Sirbu A, **Filip GA**, Clichici S. *Effects of different hypoxia degrees on endothelial cell cultures-Time course study*. Mech Ageing Dev. 2018; 172:45-50. doi: 10.1016/j.mad.2017.11.003 (autor corespondent) **IF= 3,73**
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