



**Curriculum vitae  
Europass**

**Personal information**

Last name / First name **Velescu Bruno Ștefan**

**Present workplace / Field** **„Carol Davila” University of Medicine and Pharmacy, Bucharest  
Faculty of Pharmacy  
Department 2, Discipline of Pharmacology and clinical pharmacy  
Associate Professor**

**Work experience** Teaching and research activities

Period 2014-present

Occupied function or position Lecturer

Principal activities and responsibilities Teaching and research activities in the field of experimental pharmacology and clinical pharmacy: organizing courses, practical works and seminars for students, discussing the concepts presented at courses and applying them to solve specific problems, evaluating students. Guidance on thesis work

Employer name and address „Carol Davila” University of Medicine and Pharmacy, Faculty of Pharmacy, Bucharest

Activity type/field University education

Period 2011-2014

Occupied function or position Assistant lecturer

Principal activities and responsibilities Teaching and research activities in the field of experimental pharmacology and clinical pharmacy: organizing courses, practical works and seminars for students, discussing the concepts presented at courses and applying them to solve specific problems, evaluating students. Guidance on thesis work

Employer name and address „Carol Davila” University of Medicine and Pharmacy, Faculty of Pharmacy, Bucharest

Activity type/field University education

Period 2007-2009

Occupied function or position Graduate assistant

Principal activities and responsibilities Teaching and research activities in the field of experimental pharmacology and clinical pharmacy: organizing courses, practical works and seminars for students, discussing the concepts presented at courses and applying them to solve specific problems, evaluating students. Guidance on thesis work

Employer name and address „Carol Davila” University of Medicine and Pharmacy, Faculty of Pharmacy, Bucharest

Activity type/field University education

Period January 2006 - present

Occupied function or position Collaborator

Principal activities and responsibilities	Research activities
Employer name and address	Biopharmacy & Pharmacol RES S.A., București
Activity type/field	Pharmaceutic research
Period	July 2006 - October 2006
Occupied function or position	Assistant technologist
Principal activities and responsibilities	R&D, Compounding
Employer name and address	Labormed Pharma S.A, Bucharest Pharmaceutic reseach & development
<b>Education and training</b>	
Period	2014-2016
Qualification	Master's Degree in "Biotechnologies in pharmaceutic industries", certificate obtained in 2016
Main studied subjects /obtained professional competences	Biotechnologies with applications in pharmaceutic industries
Name and type of education institution/ training provider	University of Agronomic Sciences and Veterinary Medicine, Bucharest.
Education/ training level	Postgraduate ISCED 5
Period	2014-2015
Qualification	Postdoctoral fellowship: "Experimental therapeutic approaches, an alternative to conventional therapies for pathologies that affect carbohydrate and lipid metabolism", certificate obtained in December 2015
Main studied subjects /obtained professional competences	Abordări terapeutice experimentale alternativă la terapiile convenționale pentru patologii care afectează metabolismul glucidic și lipidic
Name and type of education institution/ training provider	„Carol Davila” University of Medicine and Pharmacy, Bucharest, POSDRU/159/1.5/s/138907, Project: „Excellence in scientific, interdisciplinary, doctoral and postdoctoral research, in the economic, social and medical fields – EXCELIS”
Education/ training level	Postgraduate ISCED 7
Period	2006-2012
Qualification	Ph.D. in Pharmacy, certificate obtained in August 2013
Main studied subjects /obtained professional competences	Experimental pharmacology. Investigating the pharmacological profile of different classes of compounds.
Name and type of education institution/ training provider	„Carol Davila” University of Medicine and Pharmacy, Faculty of Pharmacy, Bucharest
Education/ training level	Postgraduate ISCED 6
Period	2016
Qualification	Senior Pharmacist, Pharmaceutic laboratory field, certificate obtained in June 2016
Main studied subjects /obtained professional competences	Experimental pharmacology. Investigating the pharmacological profile of different classes of compounds, applying laboratory methods in investigating compounds of pharmaceutical interest

Name and type of education institution/ training provider „Carol Davila” University of Medicine and Pharmacy, Faculty of Pharmacy, Bucharest

Education/ training level Postgraduate ISCED 6

Period March 2007- October 2010

Qualification Pharmacy specialist, Pharmaceutic laboratory field, certificate obtained in 2011

Main studied subjects /obtained professional competences Application of laboratory methods in the investigation of compounds of pharmaceutical interest

Name and type of education institution/ training provider „Carol Davila” University of Medicine and Pharmacy, Faculty of Pharmacy, Bucharest

Education/ training level Residency courses (postgraduate) ISCED 6

Period 2001-2006

Qualification Bachelor’s degree in pharmacy

Main studied subjects /obtained professional competences „Carol Davila” University of Medicine and Pharmacy, Faculty of Pharmacy, Bucharest

Name and type of education institution/ training provider University education ISCED 5A

Mother tongue(s) **Romanian**

Foreign language(s)

Autoevaluation <i>European level (*)</i>	<b>Understanding</b>		<b>Speaking</b>		<b>Writing</b>
	Listening	Reading	Spoken interaction	Spoken production	Written production
<b>English</b>	C1	C1	C1	C1	C1
<b>French</b>	B2	B2	B2	B2	B2
<b>Italian</b>	C1	C1	C1	C1	C1

(\*) Common European Framework of Reference for Languages

Communication skills Good communication ability, team spirit, increased adaptability, seriousness, ability to assimilate new information and skills, acquired over the years of university studies and subsequently strengthened through experience in research and professional training.

Organisational/ managerial skills Leadership skills, ability to analyze and synthesize, ability to make decisions, ability to organize, coordination skills, ability to identify and solve problems, autonomy in activity, self-perfect-self-learner, ability to plan and manage resources and time.

Digital skills Use of the common operating systems (Windows, MacOS, \* nix), the advanced use of the usual packages (Microsoft Office, OpenOffice), the use of software packages necessary for scientific, didactic and publishing activities.

Other skills Initiative and responsiveness to the new, sustained effort capacity, ease and promptness in drafting documents

Driving license B

**Annexes** Professional activity report including list of works and list of research projects

### Professional activity report

**1. Didactic activity carried out at the Discipline of Pharmacology and Clinical Pharmacy, from 2007 to the present.**

**2. Research activity** carried out from date of employment in the institution (March 2007):

As a member of the research groups of several Grants obtained through national competitions, I carried out the research activity both in the discipline of Pharmacology and clinical pharmacy and in collaboration with other disciplines (Applied Mathematics and Biostatistics, Inorganic Chemistry, Physical and Colloidal Chemistry, Pharmaceutical chemistry, Clinical laboratory, Biochemistry, Pharmaceutical botany, Pharmacognosy):

**Research programs/projects that were accepted for funding:**

#### *International grant/project – director/responsible person*

Program/Project	Position	Period
<b>PNIII/ BM/15/2016</b> Self-emulsifying delivery system for new metal complexes as materials with potential health use	<b>Project director</b>	2016-2017

#### *International grant/project – research team member*

Program/Project	Position	Period
<b>PNIII/ BM/52/2016</b> Herbal extracts with antinociceptive effects in neuropathic, visceral and inflammatory pain	Research team member	2016-2017
<b>PNIII/ BM/2016</b> New synergistic biomaterials for anticancer therapy	Research team member	2016-2017
<b>PNIII/ BM/2016</b> Pharmaceutical screening for some extracts of Romanian plants with antitumor activity	Research team member	2016-2017
<b>Fundng contract no 9/23. 12/2013</b> USMF bilateral project "Nicolae Testemitanu" Chisinau, Republic of Moldova / UMF "Carol Davila" Bucharest, Romania. Title of the project "Preclinical studies on investigating the pharmacotoxicological profile and investigating the antimicrobial action of some hyperforin-containing pharmaceutical forms"	Research team member	2014 -2015
<b>Program: Capabilities /Module III – Bilateral cooperation Romania- Turkey</b> Development of systems with improved solubility for new ruthenium(III) complexes with quinolone antibiotics and testing their anticancer activity Contract no. 541/ 28.02.2012	Research team member	2012-2013
<b>Program: Capabilities /Module III – Bilateral cooperation Romania- Slovacia</b> In silico, in vitro and ex vivo research concerning anti-infective compounds Contract no. 465/ 28.02.2011	Research team member	2011-2012

#### *International grant/project – director/responsible person*

Program/Project	Position	Period
<b>PNII/ PC 61/042</b> Project Title: "Synthesis, characterization and evaluation of the therapeutic potential of new complex combinations of oxovanadium (IV) with natural ligands"	CO scientific responsible person	2007-2010
<b>FDI-2019-0297</b> Supporting the excellence research activity in the field of Health of the "Carol Davila" University of Medicine and Pharmacy, Bucharest	Research excellence responsible person	2019
<b>PFE 23/2018</b> Increasing institutional performance and RDI competences in the health field of the "Carol Davila" University of Medicine and Pharmacy, Bucharest - (SAN-CDCP)	Internal grants monitoring responsible person	2018-2020

*National grant/project – research team member*

<b>Nr.</b>	<b>Program/Project</b>	<b>Position</b>	<b>Period</b>
1	<b>FDI-2018-0507</b> Improvement of interdisciplinary research teams for the optimization of experimental / functional models in the sub-domain of Medicinal Science	Research team member	2018
2	<b>Contract UMF Carol Davila/SC Biofarm SA/2017</b> , Analgesic potential in nociceptive and neuropathic pain of some extracts and principles of Algo STOP	Research team member	2019
3	<b>PN-II-RU-TE-2014-4-1670 nr. 342/2015</b> , Sortase A inhibitors. New therapeutic solutions for the treatment of multidrug-resistant gram positive cocci infections.	Research team member	2018-2020
4	<b>PN-II-PT-PCCA-2014 Contract 139/2014</b> Research and formulation of a new class of synergistic, analgesic-anti-inflammatory combinations with improved bioavailability, efficacy and safety profile	Research team member	2018
5	<b>PN-II-PT-PCCA-2014 Contract 202/2014</b> , Obtaining by means of biotechnological methods of new types of vectors for phytotherapeutic principles and modeling of their releasing mechanisms	Research team member	2014-2017
6	<b>PN-II-PT-PCCA-2013-4-0953, nr.161/2014</b> Studies on soil-plant-food-human correlations to obtain a high-iron dietary supplement	Research team member	2014-2017
7	<b>MEN CONTRACT 8S/7.10.2014</b> , Strategy for relaunching research in the Romanian drug industry	Research team member	2014 – 2015
8	<b>PN-II-PT-PCCA-2014 Contract 176/2014</b> Innovative therapeutic products with prophylactic and curative action for the zooveterinary sector	Research team member	2014-2017
9	<b>PN-II-PT-PCCA-2011-3.2-1454</b> Project title: "Design and development of transport and delivery systems for new ruthenium compounds with antitumor activity"	Research team member	2012-2015
10	<b>PN-II-RU-TE-2011-3-0228</b> Project title: „Synthesis and Antitumor Evaluation of Novel Pyrazole Compounds”	Research team member	2011-2014
11	<b>PN II/ PC/ 42103</b> Project title: "Synthesis and pharmacological evaluation of new compounds for the implementation of modern therapies in the treatment of obesity and / or type 2 diabetes: preparatory research, structure, pharmacological screening"	Research team member	2008-2011
12	<b>PN II/ PC/ 42100</b> Project title: "Study of the effects of the interactions of biological matrices with some foods on the variability of the bioanalytical results"	Research team member	2008-2011
13	<b>PN II/ PC/ 42148/</b> Project title: "Research on the use of pharmacogenomic and pharmacokinetic investigations for the detection of anti-tuberculosis therapy in particular clinical situations"	Research team member	2008-2011
14	<b>PN II/ PC/ 42134/</b> Project title: "Study of critical factors in the dissolution and release of hard soluble active substances from pharmaceutical forms"	Research team member	2008-2011
15	<b>PNII/ PC 61/048</b> Project title: "Synthesis, characterization and testing of biological action of new complex combinations of ruthenium, potential alternative to platinum compounds therapy"	Research team member	2007-2010
16	<b>PN II nr. 41-049/14.09.2007</b> Project title: Development of pharmacogenomic investigation for personalization of drug therapy in cardio-cerebrovascular disease	Research team member	2007-2010
17	<b>PN II nr. 41-053/14.09.2007</b> Project title: "Evaluation of genetic polymorphism as a source of variability of therapeutic response to drugs with active metabolites"	Research team member	2007-2010
18	<b>CEEX Modul I/Proiect Biotech 55/2006</b> Integrated project on new models for in vitro – in vivo correlations in order to reduce the number of in vivo bioavailability experiments (IVIV correl)	Research team member	2006-2008
19	<b>CEEX Modul I/ Proiect VIASAN 2530/2006</b> Project title: "Researches regarding the obtaining and characterization of a new pharmaceutical product of vegetal provenience with hypoglycemic action”	Research team member	2006-2008

20	CEEX 51/2005 Project title: "New structures with possible antidiabetic / anti-obesity action in the class of beta-3 adrenergic receptor agonists; multidisciplinary research"	Research team member	2005- 2007
----	---	----------------------	------------

**Educational and continuous training projects: responsible person**

Target group for the project "EXCELLENCE IN SCIENTIFIC, INTERDISCIPLINARY, DOCTORAL AND POSTDOCTORAL RESEARCH IN THE ECONOMIC, SOCIAL AND MEDICAL AREAS - EXCELIS", POSDRU/159/1.5/S/138907:

Responsible person: Experimental therapeutic approaches, alternative to conventional therapies for pathologies that affect carbohydrate and lipid metabolism. Duration: 2014-2015

**Educational and continuous training projects: member**

The therapeutic approach of onychomycosis. Started on December 20, 2016. Number of students so far: 975

PNI Partnership, Contract no. 61042/2007: "Synthesis, characterization and evaluation of the therapeutic potential of new complex combinations of oxovanadium (IV) with natural ligands" (ANORGPLANT)

Deployment period: September 2007 – December 2010

Position: **Scientific responsible person of the project coordinating institution**

Funding: UEFISCDI

Total funding obtained: 1.601.278 RON

- state budget: 1.418.548 RON

- cofunding: 182.730 RON

**Main resulting publications:**

- **Velescu B.Ş.**, Uivarosi V., Negres S. Effect of di- $\mu$ -hydroxo-bis(quercetinatooxovanadium(IV)) complex on alloxan-induced diabetic rats. *Farmacia* 2012, 60(5), 696-710; ISSN 0014-8237.

- **Velescu B.Ş.**, Uivarosi V., Anuta V., Buzescu A., Negres S, Pharmacodynamic and pharmacokinetic studies on novel vanadyl chrysin complex, *Stud Univ Vasile Goldiş Arad Ser Stiința Vietii* 2012, 22(4),525-530; ISSN: 1584-2363.

**Patent**

Uivarosi V., **Velescu B.Ş.**, Aldea V., Negres S., Olar M.R., "Oxovanadium (IV) compounds with flavanones, obtaining process and therapeutic use", patent no. 126184 B1/2013

8 presented works at international congresses, with published abstracts

**PNIII/ BM/15/2016 Self-emulsifying delivery system for new metal complexes as materials with potential health use**

Deployment period: July 2016 – December 2016

Position: **Project director of Romanian partner**

Funding: UEFISCDI

Total funding obtained: 30.000 RON

**Until now**

**1 ISI article:**

**Velescu, B.Ş.**, Anuta, V., Aldea, A., Jinga, M., Cobeleschi, P.C., Zbârcea, C.E., Uivarosi, V., Evaluation of protective effects of quercetin and vanadyl sulphate in alloxan induced diabetes model. *Farmacia*, 2017; 65(2): 200-206.

Target group for the project "EXCELLENCE IN SCIENTIFIC, INTERDISCIPLINARY, DOCTORAL AND POSTDOCTORAL RESEARCH IN THE ECONOMIC, SOCIAL AND MEDICAL AREAS - EXCELIS", POSDRU/159/1.5/S/138907:

**Postdoctoral scholarship:**

**1 BDI article:**

**Velescu B.Ş.**, Uivarosi V., Buzescu A., Sarbu I., Ionescu E., Anuta V., Pharmacokinetic profile evaluation of di- $\mu$ -hydroxo-bis(quercetinatooxovanadium(IV)) complex. *Curr. Health Sci. J.*, 2014; 40(4): 265-270.

2 presented works at international congresses, with published abstracts

**3. Publishing activity**

I am co-author of a series of published scientific papers, presented orally or as posters in specialty journals (CNCSIS quoted), at the congresses I attended, appearing in the abstract volumes.

**a. Book chapters**

**Book chapters in national publishing house – co-author**

Negreș S (coordinating author), Chiriță C, Zbârcea CE, **Velescu B.Ș.**, Buzescu A, Șeremet O., Ștefănescu E., Pharmacotherapy, vol. I, Editura Printech, București, 2013. [ISBN: 978-606-23-0149-1] - 288 pages

#### **Disorders of the digestive tract**

1. V. Diarrhea (**Velescu B.Ș.**, Negreș S, Chiriță C)

#### **Endocrine and metabolic disorders**

2. I. Diabetes mellitus (Negreș S, **Velescu B.Ș.**)
3. II. Obesity (**Velescu B.Ș.**, Negreș S.)
4. III. Dyslipidemia (Negreș S., **Velescu B.Ș.**)

Cristea AN (sub red.), Mihele D, Guțiu IA, Pavelescu M, Negreș S, Budura EA, Stănescu AA, Cioacă MD, Zbârcea CE, Ștefănescu E, **Velescu B.Ș.**, Zanfirescu A, Firulescu S, Truța E, Mezdrea A, Font Perez G, Manes Vinuesa J. Clinical pharmacy vol. II, Editura Medicală, București, 2012. Contributing author at annexes 1, 10 ,13. [ISBN: 978 – 973 – 39 – 0731 –2] - 1048 pages

#### **Monographs/ other books in national publishing houses – co-author**

1. Cristea AN (coordinating author), Chiriță C, Cuciureanu M, Jaba I, Ștefănescu E, **Velescu B.Ș.**, Zbârcea CE. General pharmacology ed. II. Ed. Didactică și Pedagogică, București, 2009. ISBN 978-973-30-2905-2

Cap 6.9.11. Cannabinoidergic system

2. Dobrescu D. Memomed 2013-2015 ed. XIX -XXI. Ed. Universitară, București, 2013-2015. ISSN 2069-2447

Contributing author for chapters:

A Digestive tract and metabolism

H Systemic hormonal preparations

3. Dobrescu D. Memomed 2016 ed. XXII. Ed. Universitară, București, 2016. ISSN 2069-2447

Contributing author for chapters:

A Digestive tract and metabolism

J Systemic anti-infective agents

4. Dobrescu D. Memomed 2017 ed. XXIII. Ed. Universitară, București, 2017. ISSN 2069-2447

Contributing author for chapters:

A Digestive tract and metabolism

L Antineoplastics and immunomodulators

#### **Chapter in books in international publishing houses – co-author**

1. Drăgoi CM, Arsene A, Dinu-Pîrvu CE, Dumitrescu IB, Popa DE, Burcea Dragomiroiu GTA, Udeanu DI, Timnea O, **Velescu BS**, Nicolae AC- *Melatonin, a silent regulator of the glucose homeostasis*, „Carbohydrate” Book edited by Caliskan M, Kavaklı H, Öz GC, InTech - Rijeka, Croatia, 2016, ISBN 978-953-51-5023-7.
2. Popa DE, Drăgoi CM, Arsene A, Dumitrescu IB, Nicolae AC, **Velescu BS**, Burcea Dragomiroiu GTA. *The relationship between phenolic compounds from diet and microbiota*, “Phenolic Compounds” Book edited by Marcos R, Hernandez S, García-Mateos R, Palma-Tenango M, InTech - Rijeka, Croatia, 2016, ISBN 978-953-51-5124-1.

#### **b. Articles**

##### **Articles published in ISI journals**

1. Fierascu RC, Fierascu I, Ortan A, Fierascu IC, Anuta V, **Velescu BS**, Pituru SM, Dinu-Pirvu CE, *Leonurus cardiaca* L. as a Source of bioactive compounds: An update of the European Medicines Agency assessment report (2010). *Biomed Res Int.*, 2019; 2019: 1-13. ISSN 2314-6133. **IF 2.583**
2. Zbarcea CE, Chirita C, Stefanescu E, Seremet OC, *Velescu BS*#, Marineci CD, Musat O, Giuglea C, Negres S, Therapeutic potential of tramadol and dextromethorphan on vincristine induced peripheral neuropathy in rats. *Farmacia*, 2018; 66(6): 1037-1043. ISSN 0014-8237. **IF 1.507**
3. Fierascu I, Dinu-Pirvu CE, Fierascu RC, **Velescu BS**, Anuta V, Ortan A, Jinga V, Phytochemical profile and biological activities of *Satureja hortensis* L.: A review of the last decade. *Molecules*, 2018; 23(10): 1-19. ISSN 1420-3049. **IF 3.098**
4. Fierascu I, Ungureanu C, Avramescu SM, Cimpeanu C, Georgescu MI, Fierascu RC, Ortan A, Sutan AN, Anuta V, Zanfirescu A, Dinu-Pirvu CE, **Velescu BS**, Genoprotective, antioxidant, antifungal and anti-inflammatory evaluation of hydroalcoholic extract of wild-growing *Juniperus communis* L. (*Cupressaceae*) native to Romanian southern sub-Carpathian hills. *BMC Complement Altern Med.*, 2018;18(1): 1-14. ISSN 1472-6882. **IF 2.109**
5. Fierascu RC, Georgiev MI, Fierascu I, Ungureanu C, Avramescu SM, Ortan A, Georgescu MI, Sutan AN, Zanfirescu A, Dinu-Pirvu CE, **Velescu BS**, Anuta V, Mitodepressive, antioxidant, antifungal and anti-inflammatory effects of wild-growing Romanian native *Arctium lappa* L. (*Asteraceae*) and *Veronica persica* Poiret (*Plantaginaceae*). *Food Chem Toxicol.*, 2018; 111: 44-52. ISSN 0278-6915. **IF 3.977**
6. Zanfirescu A, Cristea AN, Nitulescu GM, **Velescu BS**, Gradinaru D. Chronic monosodium glutamate administration induced hyperalgesia in mice. *Nutrients*, 2017; 10(1): 1-9. ISSN 2072-6643. **IF 4.196**

7. Voicu VA, Mircioiu I, Sandulovici R, Mircioiu C, Plesa C, **Velescu BS**, Anuta V, Chlorpheniramine potentiates the analgesic effect in migraine of usual caffeine, acetaminophen, and acetylsalicylic acid combination. *Front Pharmacol.*, 2017; 8: 1-11. ISSN 1663-9812. **IF 3.831**
8. Barbu CG, Arsene AL, Florea S, Albu A, Sirbu A, Martin S, Nicolae AC, Burcea-Dragomiroiu GTA, Popa DE, **Velescu BS#**, Dumitrescu IB, Mitrea N, Draganescu D, Lupuliasa D, Spandidos DA, Tsatsakis AM, Dragoi CM, Fica S, Cardiovascular risk assessment in osteoporotic patients using osteoprotegerin as a reliable predictive biochemical marker. *Mol Med Rep.*, 2017;16(5): 6059-6067. ISSN 1791-2997. **IF 1.922**
9. **Velescu BS**, Anuta V, Nitulescu GM, Olaru OT, Ortan A, Ionescu D, Ghica MV, Dragoi CM, Dinu Pirvu CE, Pharmaceutical assessment of Romanian crops of *Anthriscus sylvestris* (*Apiaceae*). *Farmacia*, 2017; 65(6): 824-831. ISSN 0014-8237. **IF 1.348**
10. Tarța-Arsene O, Leanca M, Dică A, Bran E, Rad F, Timnea O, Păcurar D, **Velescu BS#**, Nicolae AC, Drăgoi CM, Dietary omega-3 fatty acids supplementation for attention deficit with hyperactivity disorder in epileptic children. *Farmacia*, 2017; 65(4): 550-556. ISSN 0014-8237. **IF 1.348**
11. **Velescu BS#**, Anuța V, Aldea A, Jinga M, Cobeleschi PC, Zbârcea CE, Uivaroși V, Evaluation of protective effects of quercetin and vanadyl sulphate in alloxan induced diabetes model. *Farmacia*, 2017; 65(2): 200-206. ISSN 0014-8237. **IF 1.348**
12. Olar R, Calu L, Badea M, Chifiriuc MC, Bleotu C, **Velescu BS**, Stoica O, Ionita G, Stanica N, Silvestro L, Dulea C, Uivaroși V, Thermal behaviour of some biologically active species based on complexes with a triazolopyrimidine pharmacophore. *JTAC*, 2017; 127(1): 685-696. ISSN: 1588-2926. **IF 1.781**
13. Negreș S, Scutari C, Ionică FE, Gonciar V, **Velescu BS**, Șeremet OC, Zanfirescu A, Zbârcea CE, Ștefănescu E, Ciobotaru E, Chirița C, Influence of hyperforin on the morphology of internal organs and biochemical parameters, in experimental model in mice. *Rom J Morphol Embryol.*, 2016; 57(2 Suppl): 663-673. ISSN 1220-0522. **IF 0.811**
14. Negreș S, Zanfirescu A, Ionică FE, Moroșan E, **Velescu BS**, Șeremet OC, Zbârcea CE, Ștefănescu E, Militaru M, Arsene AL, Margină DM, Uncu L, Scutari C, Chirița C, Pharmacotoxicological screening on new derivatives of beta-phenylethylamine, potential agonists of beta3-adrenergic receptors. *Rom J Morphol Embryol.*, 2016; 57(3): 969-978. ISSN 1220-0522. **IF 0.811**
15. Burcea-Dragomiroiu GTA, Popa DE, **Velescu BS#**, Andrieș A, Ordeanu V, Nicolae AC, Drăgoi CM, Bârcă M, Ginghină O, Synthesis, characterization and microbiological activity evaluation of novel hard gelatine capsules with cefaclor and piroxicam. *Farmacia*, 2016; 64(6): 887-895. ISSN 0014-8237. **IF 1.162**
16. Hovaneț MV, Ancuceanu RV, Dinu M, Oprea E, Budura EA, Negreș S, **Velescu BS**, Duțu LE, Anghel IA, Ancu I, Moroșan E, Șeremet OC, Toxicity and anti-inflammatory activity of *Ziziphus jujuba* Mill. Leaves. *Farmacia*, 2016; 64(5): 802-808. ISSN 0014-8237. **IF 1.162**
17. Nicolae AC, Arsene AL, Vuță V, Popa DE, Sirbu CA, Burcea-Dragomiroiu GTA, Dumitrescu IB, **Velescu BS#**, Gofiță E, Drăgoi CM, *In vitro* P-gp expression after administration of CNS active drugs. *Farmacia*, 2016; 64(6): 844-850. ISSN 0014-8237. **IF 1.162**
18. Rusu A, Hancu G, Tóth G, Toma F, Mare AD, Man A, **Velescu BS**, Uivaroși V, Synthesis, characterization and microbiological activity evaluation of two silver complexes with norfloxacin. *Farmacia*, 2016; 64(5): 712-716. ISSN 0014-8237. **IF 1.162**
19. Uivaroși V, Badea M, Olar R, **Velescu BS**, Aldea V, Synthesis and characterization of a new complex of oxovanadium(IV) with naringenin, as potential insulinomimetic agent. *Farmacia*, 2016; 64(2): 175-180. ISSN 0014-8237. **IF 1.162**
20. Negreș S, Dinu M, Ancuceanu RV, Olaru TO, Ghica MV, Șeremet OC, Zbârcea CE, **Velescu BS**, Ștefănescu E, Chirița C, Correlations *in silico/in vitro/in vivo* regarding determining acute toxicity in non-clinical experimental trial, according to bioethic regulations enforced by the European Union. *Farmacia*, 2015; 63(6): 877-885. ISSN 0014-8237. **IF 1.162**
21. Gruia MI, Negoita V, Vasilescu M, Panait M, Gruia I, **Velescu BS**, Uivaroși V, Biochemical action of new complexes of ruthenium with quinolones as potential antitumor agents. *Anticancer Res.*, 2015; 35(6): 3371-3378. ISSN1791-7530. ISSN 0014-8237. **IF 1.872**
22. Badea M, Pătrașcu F, Cerc Korošec R, Bukovec P, Raita M, Chifiriuc MC, Maruțescu L, Bleotu C, **Velescu BS**, Marinescu D, Uivaroși V, Olar R, Thermal, spectral, magnetic and biologic characterization of new Ni(II), Cu(II) and Zn(II) complexes with a hexaazamacrocyclic ligand bearing ketopyridine moieties. *JTAC*, 2014; 118(2): 1183-1193. ISSN: 1588-2926. **IF 2.206**
23. Buzescu A, Negreș S, Lefter M, **Velescu BS**, Ștefănescu E, Chirița C, Nicolescu F, The influence of some psychotropic substances on conditioning using an active avoidance paradigm. *Farmacia*, 2014; 62(1): 202-210; ISSN 0014-8237. **IF 1.005**
24. Negreș S, Zbârcea CE, Arsene A, Chirița C, Buzescu A, **Velescu BS**, Ștefănescu E, Șeremet O, Nicolescu F, Experimental pharmacological model for inducing and quantifying depression in mouse. *Farmacia*, 2013; 61(6): 1102-1116; ISSN 0014-8237. **IF 1.251**
25. **Velescu BS**, Anuța V, Uivaroși V, Pharmacokinetic evaluation of a novel ruthenium-ofloxacin complex, as potential therapeutic agent, *Farmacia*, 2012; 62(5): 1009-1024; ISSN 0014-8237. **IF 0.578**



26. **Velescu B.Ș.**, Uivaroși V, Negreș S, Effect of di- $\mu$ -hydroxo-bis(quercetinatoxovanadium(IV)) complex on alloxan-induced diabetic rats. *Farmacia*, 2012; 60(5): 696-710; ISSN 0014-8237. **IF 0.578**

#### Articles published in BDI journals

1. Costescu M., Paunescu H., **Velescu B.Ș.**, Zugravu A., Coman O.A., Fulga I., Experimental research on the effects of serotonin and acetylcholine on mechanical isometric activity of isolated rat intestine after the depletion of endogenous serotonin. *Romanian J. Biophys.*, 2016; 26(1): 21-34. ISSN: 1843-424X
2. Anuta V., Sarbu I., Mircioiu I., **Velescu B.Ș.**, Development of a new HPLC method for simultaneous determination of clopidogrel and its major metabolite using a chemometric approach. *Curr. Health Sci. J.*, 2015; 41(1): 11-21. ISSN: 2069-4032.
3. Nițulescu G.M., Nedelcu G., Buzescu A., **Velescu B.Ș.**, Olaru O.T., The pyrazole scaffold in drug development. A target profile analysis. *Studia Universitatis Vasile Goldiș Arad, Seria Științele Vieții*, 2015; 25(2): 79-85. ; ISSN: 1584-2363.
4. **Velescu B.Ș.**, Uivaroși V., Buzescu A., Sarbu I., Ionescu E., Anuta V., Pharmacokinetic profile evaluation of di- $\mu$ -hydroxo-bis(quercetinatoxovanadium(IV)) complex. *Curr. Health Sci. J.*, 2014; 40(4): 265-270. ISSN: 2069-4032.
5. Olaru O.T., Șeremet O.C., Petrescu M., Salagean A., **Velescu B.Ș.**, Nițulescu M.G., Toxicity evaluation and polyphenols assessment of some extracts from indigenous euphorbia species. *Rom. J. Biophys.*, 2014; 24(1): 43-54. ISSN: 1843-424X
6. **Velescu B.Ș.**, Uivaroși V., Anuța V., Buzescu A., Negreș S., Pharmacodynamic and pharmacokinetic studies on novel vanadyl chrysin complex. *Studia Universitatis Vasile Goldiș Arad, Seria Științele Vieții*, 2012; 22(4), 525-530; ISSN: 1584-2363.
7. Cristea A.N., **Velescu B.Ș.**, Sistemul cannabinoid endogen. funcții fiziologice, implicații patologice și perspective farmacologice (I). *Therapeutics Pharmacology and Clinical Toxicology*, 2008; XII (1): 64-73. ISSN 1583-0012
8. Cristea A.N., **Velescu B.Ș.**, Sistemul cannabinoid endogen. implicații farmacologice, perperspective farmacoterapeutice și medicamente noi. *Therapeutics Pharmacology and Clinical Toxicology*, 2008; XII (2): 223-236. ISSN 1583-0012

#### c. In extenso publications in proceedings of international conferences and abstracts of presented research at international conferences, published in ISI journals

1. Margina D., **Velescu B.Ș.**, Uivaroși V., Aldea V., Negreș S., Mitrea N. Evaluation of insulin-mimetic activity of new vanadyl-flavonoid complexes in alloxan induced diabetes. *35<sup>th</sup> FEBS Congress*, Goteborg, Sweden, 26 June-1 July 2010. *FEBS Journal* 2010, 277 (Suppl. 1), p. 61.
2. Diaconu C, Gaman M, Dobrica E, Cozma M, Dediu G, Gaman A, Arsene A, Nicolae A, Dragoi C, **Velescu B**, Paraschiv B, Tincu R, Iancu M, Betablockers' prescription patterns in patients with type 2 diabetes mellitus and cardiovascular comorbidities. Conference: 28th European Meeting of Hypertension and Cardiovascular Protection of the European-Society-of-Hypertension (ESH) Location: Barcelona, SPAIN Date: JUN 08-11, 2018 Sponsor(s): AIM Grp Int, Rome Off; European Soc Hypertens. *Journal of Hypertension*, 2018; 36(Suppl.1): E279-E279. **IF 4.099**
3. Diaconu C, Gaman M, Dobrica E, Cozma M, Dediu G, Gaman A, Arsene A, Dragoi C, Nicolae A, **Velescu B**, Paraschiv B, Tincu R, Iancu M, Does the presence of arterial hypertension influence the prescription of antiplatelet drugs in patients with type 2 diabetes mellitus?. Conference: 28th European Meeting of Hypertension and Cardiovascular Protection of the European-Society-of-Hypertension (ESH) Location: Barcelona, SPAIN Date: JUN 08-11, 2018 Sponsor(s): AIM Grp Int, Rome Off; European Soc Hypertens. *Journal of Hypertension*, 2018; 36(Suppl.1): E277-E278. **IF 4.099**

#### d. Research presented at international conferences, published in abstract volumes with ISBN/ISSN

1. Negreș S., Marineci C.D., Chiriță C., Zbârcea C.E., Ștefănescu E., Șeremet O.C., **Velescu B.Ș.**, Tănase A., Adherence to treatment in Romania: opportunities, obstacles, perspectives. *Conferința Națională de Farmacie Clinică*, București, 15-17 iunie 2017, vol. rez. 149-150. ISBN 978-973-0-24609-4.
2. Nitu A.M., Anghelina L.V., Vilaia I., Dinca A.T., Platon A., **Velescu B.Ș.**, Tanase A.M., Solving medical therapy (PTM) problems through intervention of clinical pharmacist. *Conferința Națională de Farmacie Clinică*, București, 15-17 iunie 2017, vol. rez. 102-104. ISBN 978-973-0-24609-4.
3. Negreș S., Chiriță C., Zbârcea C.E., Șeremet O.C., Zăncărescu A., **Velescu B.Ș.**, Ștefănescu E., Tănase A., Ciotu I.C. Interacțiuni supliment nutritiv – medicament: consecințe clinice. Lansare de proiect interregional privind consumul suplimentelor nutritive în România. *Conferința Națională de Farmacie Clinică*, București, 17-18 iunie 2016, vol. rez. 50-54 ISBN 978973-0-21752-0.
4. Zbârcea C.E., Negreș S., Chiriță C., Șeremet O.C., Ciotu I.C., Tănase A.M., Ștefănescu E., Zăncărescu A., **Velescu B.Ș.**, Nicolae L. Analiza tendinței consumului de antibiotice și antimicotice în farmacia de spital. Comunicare orală la Conferința Națională de Farmacie Clinică, București, 17-18 iunie 2016, vol. rez. 108-111. ISBN:978-973-0-21752-0
5. **Velescu B.Ș.**, Uivaroși V., Preparate anorganice utilizate în tratamentul bolilor cronice., Comunicare orală la Conferința Națională de Farmacie Clinică, București, 17-18 iunie 2016, ISBN:978-973-0-21752-0
6. Guțu, C. M.; Olaru, O. T.; Iordache, A. A.; Chirita, C.; Ionita, I. M.; **Velescu B. Ș.**; Seremet, O. C.; Nitulescu, G. M. Variation in composition of essential oil from *Tanacetum vulgare* L. Flowers from different locations. *International*

Symposium: Priorities of Chemistry for a Suitable Development - PRIOCHEM, 27-28 oct. 2016, Bucuresti, Volum de rezumate, p. 40, ISSN: 2285-8334.

7. **Velescu B. Ş.**; Seremet, O. C.; Nitulescu, G. M.; Margina, D.; Olaru, O. T. Pharmacological research regarding the anti-inflammatory effect of some extracts obtained from *Plantaginaceae* family. International Symposium: Priorities of Chemistry for a Suitable Development - PRIOCHEM, 27-28 oct. 2016, Bucuresti, Volum de rezumate, p. 61, ISSN: 2285-8334.
8. Nitulescu, G. M.; Draghici, C.; **Velescu B. Ş.**; Nitulescu, G.; Olaru, O. T. Synthesis of new pyrazole derivatives as AKT inhibitors. Congresul UMF, 2 - 4 iunie 2016, Bucureşti, România, Mædica J Clin Med, Volume 11, Supplement 2016, p. 54, ISSN 2501-6903.
9. Olaru, O. T.; **Velescu B. Ş.**; Şeremet, O. C.; Zanzirescu, A.; Niţulescu, G. M. Phytotoxic analysis of *Hemerocallis fulva* L. (*Xanthorrhoeaceae*) using *Lactuca sativa* and *Triticum aestivum* bioassays. First Romanian National Congress of Toxicology with international attendance, 16-18 Octombrie 2015, Abstract book p. 89; ISSN: 2457-8789.
10. Niţulescu, G. M.; Nedelcu, G.; Olaru, O. T.; **Velescu B. Ş.** Virtual screening of new antiproliferative pyrazole derivatives, Research people and actual tasks on multidisciplinary sciences. 24-28 June 2015, Lozenec, Bulgaria, Volum rezumate, p. 26-29, ISSN 1313-7735.
11. **Velescu B. Ş.**; Anuţa, V.; Niţulescu, G. M.; Uivaroşi, V. Pharmacokinetic profile evaluation of novel ruthenium(III)-norfloxacin complex with anticancer properties, Research people and actual tasks on multidisciplinary sciences. 24-28 June 2015, Lozenec, Bulgaria, Volum rezumate, p. 122-126. ISSN 1313-7735.
12. Olaru, O. T.; Niţulescu, G. M.; **Velescu B. Ş.**; Ortan, A.; Dinu-Pîrvu, C. E. Comparative analyses of two Anthriscus species with potential therapeutic effect, Research people and actual tasks on multidisciplinary sciences. 24-28 June 2015, Lozenec, Bulgaria, Volum rezumate, p. 213-217, ISSN 1313-7735.
13. Niţulescu, G. M.; Nedelcu, G.; **Velescu B. Ş.**; Olaru, O. T. The 5-aminopyrazole. A powerful tool in designing Janus kinases inhibitors. International Symposium: Priorities of Chemistry for a Suitable Development - PRIOCHEM, 29-30 oct. 2015, Bucuresti, Volum de rezumate, p. 64, ISSN: 2285-8334.
14. Olaru, O. T.; Niţulescu, G. M.; Tomulescu, O. M.; Enache, I. M.; **Velescu B. Ş.**; Margină, D. Chemical analysis of some new extracts obtained from *Cymbalaria muralis* (*Plantaginaceae*). International Symposium: Priorities of Chemistry for a Suitable Development - PRIOCHEM, 29-30 oct. 2015, Bucuresti, Volum de rezumate, p. 35, ISSN: 2285-8334.
15. Silvestro, L.; **Velescu B. Ş.**; Anuţa, V.; Niţulescu, G. M.; Uivaroşi, V.; Gruia, M. I. Study of the organ distribution of two novel ruthenium(III) complex with anticancer properties. International Symposium: Priorities of Chemistry for a Suitable Development - PRIOCHEM, 29-30 oct. 2015, Bucureşti, Volum de rezumate, p. 40, ISSN: 2285-8334.
16. **Velescu B. Ş.**, Anuţa V, Sarbu I, Buzescu A, Fierascu A, Fierascu RC, Negreş S. Non-clinical antiinflammatory effect evaluation of two pharmaceutical dosage forms containing an NSAID agent by plethysmometry. Simpozionul internaţional „PRIOCHEM” 30-31 octombrie 2014, Bucureşti, România, pg 69. ISSN 2285 – 8334
17. **Velescu B. Ş.**, Costea T, Chiriţa C, Buzescu A, Morosan E, Fierascu RC, Gird C. Metabolic effects of a *Rubi idaei* folium polyphenolic extract in an alloxan induced diabetes model. Simpozionul internaţional „PRIOCHEM” 30-31 octombrie 2014, Bucureşti, România, pg 68. ISSN 2285 – 8334
18. **Velescu B. Ş.**, Anuta V, Nitulescu GM, Uivaroşi V, Dinu-Pîrvu CE. Antiinflammatory effect evaluation of novel ruthenium(III)-norfloxacin complex with anticancer properties. Simpozionul internaţional „PRIOCHEM” 30-31 octombrie 2014, Bucureşti, România, pg 70. ISSN 2285 – 8334
19. **Velescu B. Ş.**, Anuta V, Ionescu E, Uivaroşi V. Metallokinetic of vanadium, administered as a vanadyl chrysin complex. Simpozionul internaţional „PRIOCHEM” 30-31 octombrie 2014, Bucureşti, România, pg 29. ISSN 2285 – 8334
20. Anuta V, Mircioiu I, **Velescu B.Ş.**, Comparison of different commercial clopidogrel drug products based on biorelevant in vitro release kinetics studies. Simpozionul internaţional „PRIOCHEM” 30-31 octombrie 2014, Bucureşti, România, pg 30. ISSN 2285 – 8334
21. Nitulescu GM, Nedelcu G, **Velescu B. Ş.**, Anuta V, Buzescu A, Seremet OC, Olaru OT. Evaluation of stability of several antitumor pyrazole derivatives under stress conditions. Simpozionul internaţional „PRIOCHEM” 30-31 octombrie 2014, Bucureşti, România, pg 44. ISSN 2285 – 8334
22. Negreş S, Scutari C, Chiriţă C, Veaceslav G, **Velescu B. Ş.**, Moroşan E, Ciobotaru E. Studii preclinice privind investigarea profilului toxicologic al hiperforinei. Revista Farmaceutică a Moldovei, Chişinău, 31 octombrie, 2014; 3-4: 76 [ISSN:1812-5077].
23. **Velescu B. Ş.**, Uivaroşi V, Negreş S, Anuţa V, Buzescu A, Margină D, Moroşan E. Experimental Pharmacokinetics and Pharmacodynamics Studies on Vanadium-Hesperetin Complexes. Congresul Naţional de Farmacie din România cu participare internaţională, ediţia a XV-a, Iaşi 2014, volum rezumate. Editura “Gr. T Popa”, UMF Iaşi, 2014, 204 [ISBN978-606-544-252-8].
24. Chiriţă C, Negreş S, **Velescu B. Ş.**, Ştefănescu S, Zbăcea CE., Experimental Pharmacological Researches Regarding the Affinity of Several Potential  $\beta_3$  Adrenergic Receptors Agonists for Smooth Muscles. Congresul Naţional de Farmacie din România cu participare internaţională, ediţia a XV a, Iaşi 2014, volum rezumate. Editura “Gr. T Popa”, UMF Iaşi, 2014, 190 [ISBN978-606-544-252-8].

25. Negreș S, Chiriță C, Zbâcea CE, **Velescu B. Ș.**, Margină D, Moroșan E, Ștefănescu E, Putina G. Pharmacological Screening on Influencing Glucose and Lipid Metabolism by New Derivatives with Beta- Phenyl-Ethyl-Amine Structure as Potential  $\beta_3$  Adrenergic Agonists. *Congresul Național de Farmacie din România cu participare internațională, ediția a XV-a, Iași 2014, volum rezumate*. Editura “Gr. T Popa”, UMF Iași, 2014, 146 [ISBN978-606-544-252-8].
26. **Velescu B. Ș.**, Anuta V, Ionescu E, Margina D, Negreș S., Uivaroși V. Pharmacodynamic and pharmacokinetic profile evaluation of a novel Vanadyl-quercetin complex with hypoglycemic activity. *SOAS, vol rez. Ed. Universitară*, 2014, C194 [ISBN: 978-973-708-773-7].
27. Negreș S, Badiceanu C, **Velescu B. Ș.**, Experimental pharmacological research on several thio-ureic derivatives. *The XIVth National Congress of Pharmacy*, 13-16 oct. 2010, Târgu-Mureș, Abstracts volume, 75 [ISSN: 1220-5478]
28. Nitulescu GM, **Velescu B. Ș.**, Secuianu C, Nedelcu G. Design and computational studies on potential antiproliferative pyrazole compounds. *2nd Zagreb International Conference on Pharmaceutical Sciences, Sharing a Vision Towards Better and Safe Medicines*. Zagreb, Croația, 25 – 26 October, 2013. volum rezumate, 65, ISBN 978-953-7897-01-7
29. **Velescu B. Ș.**, Uivaroși V., Negreș S., Margina D., New oxovanadium (IV) complex of hesperetin as insulin-mimetic agent, *4rd European Conference on Chemistry for Life Sciences*, Budapest, Hungary, 31 August -3 September 2011; ISBN 978-963-9970-14-4.
30. Uivaroși V., Iacob D., Aldea V., **Velescu B. Ș.**, Badea M., Olar R., Marinescu D., Nitulescu, G. M., Synthesis, characterization and DNA-interaction of two mononuclear Ru(III) complexes with ofloxacin and levofloxacin, *3rd European Conference on Chemistry for Life Sciences*, Frankfurt, Germany, 2-5 September 2009; ISBN 978-3-936028-58-4.
31. Aldea, V., Uivaroși, V., Iacob, D., **Velescu B. Ș.**, Badea, M., Olar, R., Marinescu, D., Nitulescu, G. M., Synthesis and structural properties of VO(IV) complexes with some flavonoid compounds, *3rd European Conference on Chemistry for Life Sciences*, Frankfurt, Germany, 2-5 September 2009; ISBN 978-3-936028-58-4.
32. Mircioiu C., **Velescu B. Ș.**, Miron D.S, Rădulescu F, Anuța V., Mircioiu I. Aspects of the evaluation bioequivalence (BE) of long-life drugs with active metabolites. *7th Xenobiotic Metabolism and Toxicology Workshop of Balkan Countries*, Novi Sad, Serbia , 3 – 6 iunie 2008; ISSN: 0378-7966
33. **Velescu B. Ș.**, Voicu VA, Miron DS, Rădulescu FS, Anuța V, Mircioiu I, Mircioiu C. Bioavailability and bioequivalence evaluation for long life drugs, *al IX-lea Congres Internațional de Farmacologie, Terapeutică și Toxicologie Clinică*, 10-14 Iunie 2008, Sibiu, volum rezumate, 84, ISSN 1844-6027.
34. Aldea V., Uivaroși V., **Velescu B. Ș.**, The synthesis and characterization of some new ruthenium and iron compounds, *8th International Symposium on Pharmaceutical Sciences (ISOPS-8)*, Ankara, Turkey, 13-16 June 2006; ISBN 975-482-715-X.

#### e. Research presented at international conferences, published in abstract volumes without ISBN/ISSN

1. **Velescu B. Ș.**, Anuța V., Dinu-Pîrvu C., Uivaroși V. Preformulation studies for incorporating of a new ruthenium (III) complex with enrofloxacin in topical formulations. *16th International Pharmaceutical Technology Symposium (IPTS 2012)* September 10 – 12 2012 Antalya, Turkey
2. Anuța V., Dinu-Pîrvu C., Ghica M., Ferdeș M., **Velescu B. Ș.**, Uivaroși V. Development and characterization of lipid nanostructured systems for controlled release and delivery of some therapeutical low solubility bioproducts. *16th International Pharmaceutical Technology Symposium (IPTS 2012)* September 10 – 12 2012 Antalya, Turkey
3. **Velescu B. Ș.**, Anuța V., Negreș S., Uivaroși V. Pharmacodynamic and pharmacokinetic evaluation of a novel Vanadyl-chrysin complex. *13th International Congress of SRFTTC* June 11<sup>th</sup> -14<sup>th</sup> 2012, Poiana Brasov, Romania
4. Badea M., Olar R., Marinescu D., Aldea V., Uivarosi V., Velescu B., Nicolescu T.O., Thermal stability of new vanadyl complexes with flavonoid derivatives displaying antibacterial and antifungal activities, *9th Mediteranean Conference on Calorimetry and Thermal Analysis (MEDICTA 2009)*, Marsilia, France, 15-18 June 2009
5. Badea M., Olar R., Marinescu D., Uivarosi V., Iacob D., Aldea V., **Velescu B.**, Nicolescu T.O., Thermal stability and thermal decomposition study of ruthenium(III) complexes with some quinolone family members with potential biological activity, *14th International Congress on Thermal Analysis and Calorimetry 14th ICTAC, VI CBRATEC*, Sao Pedro, Brazilia, 14-18 September 2008
6. Uivarosi V., Iacob D., Aldea V., **Velescu B.**, Marinescu D., Olar R., Barbuceanu S., Synthesis and characterization of ruthenium (III) complexes with some quinolone family members with potential biological activity, *XIV Brazilian Meeting on Inorganic Chemistry (BMIC2008) and I Latin American Meeting on Biological Inorganic Chemistry (LABIC2008)*, Foz do Iguacu, Brazil, 31 August –4 September 2008
7. Uivarosi V., Aldea V., **Velescu B.**, Iacob D., Marinescu D., Badea M., Nicolescu O., Development of oxovanadium(IV)-flavonoid complexes with potential biological activity, *World Congress of Pharmacy and Pharmaceutical Sciences (68th International Congress of FIP)*, Basel, Switzerland, 29 August – 4 September 2008
8. Rădulescu FS, Constantin M, Miron DS, Ionica G, Velescu B. Metrics of sensitivity to formulation effects in bioequivalence studies for drugs with active metabolites. *3rd Pharmaceutical Sciences World Congress International Pharmaceutical Federation FIP Congress & Conferences*, The Netherlands 2007;

9. Anuța V, Mircioiu I, Rădulescu F, Velescu Bruno. Development of a method for determination of active metabolites of nicergoline in bioequivalence studies. 3rd Pharmaceutical Sciences World Congress International Pharmaceutical Federation FIP Congress & Conferences, The Netherlands 2007
10. Mircioiu C, Rădulescu F, Miron D, Sandulovici R, Velescu Bruno. Degenerated pharmacokinetic models for nicergoline metabolites. 3rd Pharmaceutical Sciences World Congress International Pharmaceutical Federation FIP Congress & Conferences, The Netherlands 2007.
11. Ghiciuc C M, Sandulovici R, Vatasescu A, Velescu B, Barsan R,. Comparison between bioavailability of rifampicin, isoniazid, tetracycline and cefalexin. 1St Pharmaceutical Science Fair NISA 2005.

#### **f. Patents and other industrial property protection titles:**

1. Uivarosi V., **Velescu B.Ș.**, Aldea V., Negreș S., Olar M.R., „*Compuși de oxovanadiu (IV) cu flavanone, procedeu de obținere și utilizare terapeutică*”, brevet nr. 126184 B1/2013
2. Uivarosi V., Gruia M.I., **Velescu B.Ș.**, Aldea V., Badea E.M. „*Compuși de ruteniu cu acțiune antitumorală și procedeu de sinteză*”, brevet nr. 126531 B1/2016
3. Olaru O T, Șeremet OC, Margină D, Nițulescu G M, Ilie M, Grigore A E, Negreș S, **Velescu B.Ș.**, Apostol T.V., Istudor V. „*Extracte standardizate din Fallopia convolvulus și Fallopia aubertii – procedeu de obținere și utilizare terapeutică*”, Brevet RO13121B1.
4. Nițulescu G.M., Aldea M.I., Bleotu C., Matei L., Hirjau M., **Velescu B.Ș.**, Olaru O.T, *Agenți antitumorali derivați ai n-(4-hidroxi-4metil-3feniltiazolidin-2iliden)-1-metil-1H-pirazol-4-carboxamidei*. Brevet RO129522B1.
5. **Velescu BS**, Uivarosi V, Anuța V, Șeremet OC, Nițulescu GM, Lupuliasa D, Arsene AL, Dinu-Pîrvu CE, *Complex de Ruteniu(III) cu acțiune antiinflamatoare și procedeu de sinteză*. Cerere brevet A00687/2018.
6. Dinu-Pârvu CE, Anuța V, **Velescu BS**, Nițulescu GM, Olaru OT, Ghica MV, Orțan A, Popa O, Băbeanu N, *Extracte standardizate din Anthriscus sylvestris – procedeu de obținere și utirilizare terapeutică*. Cerere de brevet RO132751(A0).
7. Olaru OT, Nițulescu GM, Margină DM, **Velescu BS**, Șeremet OC, Nițulescu G, Dinu Pârvu CE, Dinu M, Ancuceanu RV, Guțu CM, Bărbuceanu SF, *Extracte cu acțiune antiinflamatoare din Cymbalaria muralis: procedeu de obținere*. Cerere brevet RO000312(A0)

#### **g. Awards**

1. **Rewarding research results UEFISCDI**, 7 articles, 1 patent.
2. **Excellent award for “Pharmaceutic book”** – Pharmacotherapy vol. I – sub redacția prof. dr. Simona Negreș – contributing authors: Chiriță C., Zbârcea C.E., Ștefănescu E., **Velescu B.Ș.**, Șeremet O.C., Buzescu A. – granted by Pharmacists’ gala – ed. IV – 11.12.2015.

#### **4. Membership in professional organisations and societies**

I am a member of the following professional organisations and societies:

- 1) Romanian Society of Pharmaceutical Sciences  
Member of the editorial office of Farmacia journal
- 2) College of Pharmacists
- 3) Teaching Staff Association of Bucharest Faculty of Pharmacy

#### **5. Other relevant aspects**

Ministerial committee of clinical pharmacology, toxicology and toxicodependence – *secretary* 2015-2017 (OM 870/2015)

Ministerial committee of clinical pharmacology, toxicology and toxicodependence – *member* 2017 (OM 554/2017)

Contract CS/3/24-15: "Institutional construction of the structure of evaluation of medical technologies, including training for the National Agency for Medicines and medical devices" – *Member of document approval committee* (OM 248/2017).

October 2020

VELESCU Bruno Ștefan