



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
Education and training g	
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>					
	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	Written production
English	C1	C1	C1	C1	C1
French	B2	B2	B2	B2	B2
Italian	C1	C1	C1	C1	C1
	<i>(*) Common European Framework of Reference for Languages</i>				
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				

June 2020

VELESCU Bruno Ștefan

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
PNIII/ BM/15/2016 Self-emulsifying delivery system for new metal complexes as materials with potential health use	Project director	2016-2017

International grant/project – research team member

Program/Project	Position	Period
PNIII/ BM/52/2016 Herbal extracts with antinociceptive effects in neuropathic, visceral and inflammatory pain	Research team member	2016-2017
PNIII/ BM/2016 New synergistic biomaterials for anticancer therapy	Research team member	2016-2017
PNIII/ BM/2016 Pharmaceutical screening for some extracts of Romanian plants with antitumor activity	Research team member	2016-2017
Fundng contract no 9/23. 12/2013 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
Program: Capabilities /Module III – Bilateral cooperation Romania- Turkey 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
Program: Capabilities /Module III – Bilateral cooperation Romania- Slovakia 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
PNII/ PC 61/042 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
FDI-2019-0297 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
PFE 23/2018 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

Nr.	Program/Project	Position	Period
1	FDI-2018-0507 Improvement of interdisciplinary research teams for the optimization of experimental / functional models in the sub-domain of Medicinal Science	Research team member	2018
2	Contract UMF Carol Davila/SC Biofarm SA/2017 , Analgesic potential in nociceptive and neuropathic pain of some extracts and principles of Algo STOP	Research team member	2019
3	PN-II-RU-TE-2014-4-1670 nr. 342/2015 , Sortase A inhibitors. New therapeutic solutions for the treatment of multidrug-resistant gram positive cocci infections.	Research team member	2018-2020
4	PN-II-PT-PCCA-2014 Contract 139/2014 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	PN-II-PT-PCCA-2014 Contract 202/2014 , 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	PN-II-PT-PCCA-2013-4-0953, nr.161/2014 Studies on soil-plant-food-human correlations to obtain a high-iron dietary supplement	Research team member	2014-2017
7	MEN CONTRACT 8S/7.10.2014 , Strategy for relaunching research in the Romanian drug industry	Research team member	2014 – 2015
8	PN-II-PT-PCCA-2014 Contract 176/2014 Innovative therapeutic products with prophylactic and curative action for the zooveterinary sector	Research team member	2014-2017
9	PN-II-PT-PCCA-2011-3.2-1454 Project title: "Design and development of transport and delivery systems for new ruthenium compounds with antitumor activity"	Research team member	2012-2015
10	PN-II-RU-TE-2011-3-0228 Project title: „Synthesis and Antitumor Evaluation of Novel Pyrazole Compounds"	Research team member	2011-2014
11	PN II/ PC/ 42103 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	PN II/ PC/ 42100 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	PN II/ PC/ 42148/ 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	PN II/ PC/ 42134/ 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	PNII/ PC 61/048 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	PN II nr. 41-049/14.09.2007 Project title: Development of pharmacogenomic investigation for personalization of drug therapy in cardio-cerebrovascular disease	Research team member	2007-2010
17	PN II nr. 41-053/14.09.2007 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	CEEX Modul I/Proiect Biotech 55/2006 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	CEEX Modul I/ Proiect VIASAN 2530/2006 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
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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

PNII Partnerships, 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 μ -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 Stiinta 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- μ -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

Negreş S (coordinating author), Chiriță C, Zbârcea CE, **Velescu B.Ş.**, Buzescu A, Şeremet O., Ştefănescu E., Pharmacotherapy, vol. I, Editura Printech, Bucureşti, 2013. [ISBN: 978-606-23-0149-1] - 288 pages

Disorders of the digestive tract

1. V. Diarrhea (**Velescu B.Ş.**, Negreş S, Chiriță C)

Endocrine and metabolic disorders

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

Cristea AN (sub red.), Mihele D, Guțiu IA, Pavelescu M, Negreş S, Budura EA, Stănescu AA, Cioacă MD, Zbârcea CE, Ştefănescu E, **Velescu B.Ş.**, Zăncărescu A, Firulescu S, Truța E, Mezdrea A, Font Perez G, Manes Vinuesa J. Clinical pharmacy vol. II, Editura Medicală, Bucureşti, 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, Ştefănescu E, **Velescu B.Ş.**, Zbârcea CE. General pharmacology ed. II. Ed. Didactică şi Pedagogică, Bucureşti, 2009. ISBN 978-973-30-2905-2

Cap 6.9.11. Cannabinoidergic system

2. Dobrescu D. Memomed 2013-2015 ed. XIX -XXI. Ed. Universitară, Bucureşti, 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, Bucureşti, 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, Bucureşti, 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. Zbârcea CE, Chiriță C, Ștefănescu E, Șeremet OC, *Velescu BS*, Marineci CD, Musat O, Giuglea C, Negreş 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, Zăncărescu 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, Zăncărescu 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. Zăncărescu A, Cristea AN, Nitulescu GM, **Velescu BS**, Grădinaru 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, Uivarosi 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, Uivarosi 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, Zănfirescu A, Zbârcea CE, Ștefănescu E, Ciobotaru E, Chiriță 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, Zănfirescu A, Ionică FE, Moroșan E, **Velescu BS**, Șeremet OC, Zbârcea CE, Ștefănescu E, Militaru M, Arsene AL, Margina DM, Uncu L, Scutari C, Chiriță 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, Bărcă 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**, Uivarosi 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. Uivarosi 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, Chiriță 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**, Uivarosi V, Biochemical action of new complexes of ruthenium with quinolones as potential antitumor agents. *Anticancer Res.*, 2015; 35(6): 3371-3378. ISSN 1791-7530. 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, Uivarosi 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, Chiriță 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, Chiriță 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, Uivarosi 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 BŞ**, Uivaroşi V, Negreş S, Effect of di- μ -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.Ş.**, 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.Ş.**, 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.
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24. Chiriță C, Negreș S, **Velescu B. Ș.**, Ștefănescu S, Zbâcea CE., Experimental Pharmacological Researches Regarding the Affinity of Several Potential β_3 Adrenergic Receptors Agonists for Smooth Muscles. Congresul Național de Farmacie din România cu participare internațională, ediția a XV a, Iași 2014, volum rezumate. Editura “Gr. T Popa”, UMF Iași, 2014, 190 [ISBN978-606-544-252-8].

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29. **Velescu B. Ș.**, Uivarosi 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.
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34. Aldea V., Uivarosi 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

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3. **Velescu B. Ș.**, Anuța V., Negreș S., Uivarosi V. Pharmacodynamic and pharmacokinetic evaluation of a novel Vanadyl-chrysin complex. *13th International Congress of SRFTTC* June 11th -14th 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
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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;

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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. „*Extrakte 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, *Agenti 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, *Extrakte standardizate din Anthriscus sylvestris – procedeu de obținere și utorilizare 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, *Extrakte 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).

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VELESCU Bruno Ștefan