

INFORMATION PERSONNELLE



BORCAN LIVIA-CRISTINA

📍 Blvd. Revolutiei din 1989, Timisoara-300041, Romania

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Sexe femme | Nationalité romumaine

EXPÉRIENCE
PROFESSIONNELLE

-
- 2016- **Assistante dr.**
Université de Médecine et de Pharmacie, 5e dépt. – Médecine du travail
[éducation et recherche](#)
- 2014 **Docteur résident – Médecine du travail**
Centre médical Sf. Maria Timisoara
[services médicaux](#)
- 2013-2015 **Docteur spécialiste – Médecine de famille**
Centre médical permanent Timisoara VI
[services médicaux](#)
- 2012-2013 **Docteur spécialiste – Médecine de famille**
Service d'évaluation des adultes handicapés (DGASPC)
[services médicaux](#)
- 2006 **Docteur - Médecine générale avec droit d'exercice libre**
Service d'ambulance du comté Caras-Severin
[services médicaux](#)
- 2005 **Docteur en formation**
Hôpital clinique municipal d'urgence Timisoara
[services médicaux](#)

ÉDUCATION ET FORMATION

-
- 2016-2017 **Programme de formation des enseignants**
Université de l'Ouest, D.P.P.D
Blvd Vasile Pârvan 4, Timisoara-300223
- 2015-2019 **Doctorat en Sciences médicales**
Université de Médecine et de Pharmacie, Faculté de Médecine
Place E. Murgu 2, Timisoara-300041

- 2014-2017 **Médecine du travail, programmes de résidence**
Hôpital municipal d'urgence clinique de Timisoara
Rue Hector 1, Timisoara-300041
- 2007-2009 **Médecine familiale, programmes de résidence**
Hôpital municipal d'urgence clinique de Timisoara
Rue Hector 1, Timisoara-300041
- 2008-2009 **Master en Management des services sociaux et médicaux**
Université de Médecine et de Pharmacie, Faculté de Médecine
Place E. Murgu 2, Timisoara-300041
- 1998-2004 **Bachelier en Médecine**
Université de Médecine et de Pharmacie, Faculté de Médecine
Place E. Murgu 2, Timisoara-300041

COMPÉTENCES PERSONNELLES

Langue maternelle roumaine

Autres langues

	COMPRENDRE		PARLER		ÉCRIRE
	Écouter	Lire	Prendre part à une conversation	S'exprimer oralement en continu	
Anglaise	B1	B2	A2	B1	A2
Française	B1	B2	A2	B1	A2

Compétences en communication ▪ Bonnes capacités de communication acquises grâce à ma longue expérience dans la relation médecin-patient dans les groupes de résidents dont je faisais partie et dans le travail avec les étudiants.

Compétences organisationnelles / managériales ▪ Esprit d'organisation, avec des compétences pour planifier et gérer les ressources, le budget et le temps.

Compétences liées à l'emploi ▪ Bonne connaissance de toutes les procédures appliquées dans le contrôle de l'état de santé des patients au niveau des départements de médecine familiale et de médecine du travail.

Compétences numériques

Traitement de l'information	Communication	Création de contenu	Sécurité	Résolution de problèmes
utilisateur indépendant	utilisateur indépendant	utilisateur expérimenté	utilisateur élémentaire	Independen

▪ Utilisateur fréquent des versions de Windows, avec une bonne maîtrise de l'Explorateur Windows, de Total Commander, de plusieurs navigateurs Internet, du package Ms Office (Word, PowerPoint, Excel) et de certains programmes de statistiques.

Permis de conduire cat. B (depuis 2006)

01.03.2022



I. Articles scientifiques dans des revues ISI

- I.1. Avram S, Borcan F, **Borcan LC**, Milac AL, Mihailescu D. QSAR Approaches Applied to Antidepressants Induced Neurogenesis - in vivo and in silico Applications. *Mini-Reviews in Medicinal Chemistry* **2015**, 16(3), 230-240. ISSN= 1389-5575
FI= [2,841 / 2015](#)
Autor Princ.: AC
WOS= 000373935600001
- I.2. Mernea M, **Borcan L-C**, Borcan F, Avram S. Antipsychotics as Psychosis Drugs and Neuroprotective Promoters Evaluated by Chemical QSAR - in silico and in vivo Studies. *Letters in Drug Design&Discovery*, **2016**, 13(4), 269-275. ISSN= 1570-1808
FI= [1,170 / 2016](#)
Autor Princ.: -
WOS= 000365468700010
- I.3. Avram S, Mernea M, Bagci E, Hritcu L, **Borcan L-C**, Mihailescu DF. Advanced structure-activity relationships applied to *Mentha spicata* L. subsp. *spicata* essential oil compounds as AChE and NMDA ligands, in comparison with donepezil, galantamine and memantine – new approach in brain disorders pharmacology. *CNS & Neurological Disorders-Drug Targets*, **2017**, 16(7), 800-811. ISSN= 1871-5273
FI= [2,084 / 2017](#)
Autor Princ.: -
WOS= 000418477500007
- I.4. Munteanu MF, Ardelean A, Borcan F, Trifunsi SI, Gligor R, Ardelean SA, Coricovac D, Pinzaru I, Andrica F, **Borcan L-C**. Mistletoe and Garlic Extracts as Polyurethane Carriers – A Possible Remedy for Choroidal Melanoma. *Current Drug Delivery*, **2017**, 14(8), 1178-1188. ISSN= 1567-2018
FI= [2,078 / 2017](#)
Autor Princ.: UA
WOS= 000418112500014
- I.5. Avram S, Alexandrescu I, Puia A, Udrea AM, Mernea M, Mihailescu DF, **Borcan L-C**. Aneuploidy-Inducing Mutations in Mitotic Checkpoint Protein hMad1-Carboxi Terminal Domain Analyzed by SAR and Computational Mutagenesis. *Current Proteomics*, **2017**, 14(4), 254-260. ISSN= 1570-1646
FI= [0,606 / 2017](#)
Autor Princ.: AC, UA
WOS= 000418112500014
- I.6. Avram S, Milac A-L, **Borcan L-C**, Mihailescu D, Borcan F, Castanho M. Designing of Artificial Peptides for an Improved Antiviral Activity. *Current Proteomics*, **2018**, 15(4), 258-266. ISSN= 1570-1646
FI= [0,768 / 2018](#)
Autor Princ.: PA
WOS= 000445416100001
- I.7. Borcan F, Preda M, **Borcan LC**, Pinzaru I, Florescu S, Sisu E, Poenaru M. Comparative Characterization of Birch Bark Extracts Encapsulated Inside Polyurethane Microstructures. *Mater. Plast.*, **2018**, 55(3), 385-388. ISSN= 0025-5289
FI= [1,393 / 2018](#)
Autor Princ.: -
WOS= 000452711500028
- I.8. **Borcan LC**, Dudas Z, Len A, Fuzi J, Borcan F, Tomescu MC. Synthesis and characterization of a polyurethane carrier used for a prolonged transmembrane transfer of a chili pepper extract. *Int. J. Nanomed.*, **2018**, 13, 7155-7166. ISSN= 1178-2013
FI= [4,471 / 2018](#)
Autor Princ.: PA
WOS= 000450300500004
- I.9. Borcan F, Chirita-Emandi A, Andreescu NI, **Borcan L-C**, Albulescu RC, Puiu M, Tomescu MC. Synthesis and preliminary characterization of polyurethane nanoparticles with ginger extract as a possible cardiovascular protector. *Int. J. Nanomed.*, **2019**, 14, 3691-3703. ISSN= 1178-2013
FI= [5,115/2019](#)
Autor Princ.: AC
WOS= 000469112200001

FI = facteur d'impact; Autor Princ. (Auteur principal): PA (premier auteur), AC (auteur correspondant), UA (dernier auteur),
WOS = n° d'identification dans la base de données Web of Science

II. Articles scientifiques dans d'autres bases de données

- II.1. Avram S, Milac A, Buiu C, **Borcan L-C**. Advanced QSAR and computational mutagenesis applied to mitotic checkpoint protein hmad1 mutants with implication in genetic disorders. *New Front. Chem.* **2014**, 23(1), 61-72. ISSN= 2393-2171
Autor Princ.: UA
- II.2. Duda-Seiman D, Duda-Seiman C, Borcan F, **Borcan LC**, Mancas S, Avram S. Calcium Channel Blockers – Benefits Upon Vascular Biology in Hypertensive Patients. *Cardiovascular & Hematological Agents in Medicinal Chemistry*, **2015**, 13(1), 54-62. ISSN= 1871-5257
Autor Princ.: -
- II.3. Avram S, Milac AL, Mernea M, Alexandrescu I, **Borcan LC**, Borcan F. Predicted mechanism of antiasthmatic drugs in depression based on their interaction with SERT and 5-HT1A receptors. *Current Enzyme Inhibition*, **2018**, 14(1), 51-60. ISSN= 1573-4080
Autor Princ.: -

- II.4. **Borcan LC**, Borcan F, Tomescu MC. Relationships between Diet, Lifestyle and Blood Pressure to Crenotherapy Employees. *International Journal of Pharma Research and Health Sciences*, **2018**, 6(5), 2729-2734. ISSN= 2348-6465
Autor Princ.: PA
- II.5. Preda M, Sisu E, Vlaia V, Olariu T, Moaca A, **Borcan L-C**, Borcan F. In vitro experimental evaluations of birch bark extracts with selectivity in the obtaining of betulinol. *Journal of Agroalimentary Processes and Technologies*, **2018**, 24(4), 289-294. ISSN= 1453-1399
Autor Princ.: -
- II.6. Preda M, Borcan F, **Borcan L-C**, Popovici R, Sisu E. Synthesis and characterization of different nanoemulsions containing birch bark extracts. *Medicine in evolution*, **2018**, XXIV(4), 414-421. ISSN= 2065-376X
Autor Princ.: -
- II.7. **Borcan L-C**, Borcan F, Pauncu E-A, Tomescu MC. Correlations between weather parameters, atmospheric hydrogen sulphide level and vitamin B12 administration to H₂S exposed workers. *RJOM*, **2019**, 70(1), 6-11. ISSN= 2601-0828
Autor Princ.: PA

Autor Princ. (Auteur principal): PA (premier auteur), AC (auteur correspondant), UA (dernier auteur),

III. Monographies et livres

III.1. Borisova EE, **Borcan LC**, Borozan A, Bura M, Haratau TV, Helyer D, Ionut S, Karnaki P, Kochovski L, Montalban PE, Osborne A, Pauncu E-A, Popescu FG, Simiz E, Tschlas F, Voia OS, Wynne R, Zota D. *Guideline for OSH practice within the Agriculture sector*. Romtens Foundation, 2018. pp. 62. ISBN 978-973-0-28123-1.

IV. Rencontres scientifiques

IV.1. Communication orale

1. **Borcan L-C**. *Date privind legislația legată de încadrarea în grad de handicap și drepturile persoanelor cu handicap. Prima Conferință Regională de Vest cu participare internațională CRV MF 2015*, Timișoara 08-09.05.2015.

IV.2. Résumés

- Munteanu MF, Orasan Alic VE, Trifunsi SI, Ardelean SA, Coricovac D, **Borcan L-C**, Borcan F. Study on different penetrability of nano- and microparticles. *8th International Conference and Exhibition on Pharmaceutics & Novel Drug Delivery Systems*, Madrid 07-09.03.2016 (Munteanu MF *et al.*, *Pharm Anal Acta* 2016, 7:1 (Suppl), p. 123)
- Munteanu MF, Gligor R, **Borcan L-C**, Borcan F. Influence of some herbal extracts on the occupational lung disease. 2nd International Conference and Exhibition on Pharmacology and Ethnopharmacology, Chicago 02-04.05.2016 (Munteanu MF *et al.*, *Clin Exp Pharmacol* 2016, 6:2 (Suppl), p. 85)
- Borcan F, **Borcan L-C**, Circioban D, Ledeti A. Effect of pH on the degradation of a polyurethane drug delivery system. *Phytochemicals and extracts from biodiversity: scaffolds for new products with anti-inflammatory and chemopreventive activity, workshop Timișoara 2016*, p. 15, ISBN 978-606-786-024-5.
- Minda DI, Muntean DM, Danciu C, **Borcan L-C**, Avram S, Pavel IZ. Study on the release of lupeol from a polymeric drug delivery system. *Phytochemicals and extracts from biodiversity: scaffolds for new products with anti-inflammatory and chemopreventive activity, workshop Timișoara 2016*, p. 39, ISBN 978-606-786-024-5.
- Minda DI, Muntean DM, Danciu C, **Borcan L-C**, Avram S, Pavel IZ. Synthesis and characterization of a drug carrier containing lupeol. *Phytochemicals and extracts from biodiversity: scaffolds for new products with anti-inflammatory and chemopreventive activity, workshop Timișoara 2016*, p. 40, ISBN 978-606-786-024-5.
- Borcan LC**, Borcan F, Tomescu MC. Preliminary study on a polymer carrier containing ginger extract as a possible application in cardiovascular disease. *Zilele UMFT 2016. Res. Clin. Med.*1(a00101s1), 22-22.
- Buda V, Andor M, Tomescu MC, Cristescu C, Voicu M, Citu I, Cochera F, Gheorghiu CM, **Borcan LC**, Glarou ZMA, Tuduce P, Pascu F, Mavrea A, Voicu A, Petrescu L. ACE inhibitors and ARBs decrease more powerful the PTX-3 plasma levels of hypertensive patients with endothelial dysfunction compared with other anti-hypertensive drugs, in a chronic treatment. *Eur. Heart J.*, 38(suppl_1), 1 August 2017 (FI=19,651) inclus in *Web of Science Core Collection*.
- Buda V, Andor M, Cristescu C, Proks CM, Suci L, Petrescu L, Andrica FM, Tuduce P, Pop D, Muntean C, Daraban A, **Borcan LC**, Daneasa D, Tomescu MC. The influence of perindopril on endoglin plasma levels compared with other antihypertensive drugs, in a chronic treatment. *Eur. Heart J.*, 38(suppl_1), 1 August 2017 (FI=19,651) inclus in *Web of Science Core Collection*.

9. Circioban D, Ledeti I, Vlase G, Ledeti A, Vlase T, Borcan F, Axente C, **Borcan C**, Dehelean C. Guest-host interactions and complex formation for artemisinin with cyclodextrins. 13th Mediterranean Conference on Calorimetry and Thermal Analysis (Medicta 2017), 24-27.IX.2017, Loano (SV), Italy, Book of abstracts, p. 62.

10. Pauncu EA, Popescu FG, **Borcan LC**. Network project, romanian experience. *Occup. Environ. Med.*, 2018;75(Suppl 2):A96.

IV.3. Participante

1. Simpozionul „Aspecte ale patologiei cardiovasculare în relație cu ocupația”, Clinica de Medicina Muncii din Cluj-Napoca, 13-14.04.2016.

2. Conferința Internațională „IER 539th International Conference on Recent Advances in Medical Science” (ICRAMS), Krakow (Polonia), 13-14.12.2018.

3. Conferința națională a societății române de medicina muncii “Bune practici în medicina muncii”, Mamaia, 29.05-01.06.2019.

4. Conferința ALLS, Enformation, 05-07 Noiembrie 2019, Timisoara.

V. Des programmes de formation

V.1. “Implementation Course 2 – Occupational Medicine for Agriculture” Bucuresti, 20-25.11.2017, European Accreditation Council for Continuing Medical Education.

V.2. „Moștenirea lui Eugene Garfield - aflați despre istoria unică a Web of Science”, Webex Online Clarivate Analytics, 09.02.2018, enformation.

V.3. „Cum se pot identifica sursele de finanțare”, Webex Online Clarivate Analytics, 19.02.2018, enformation.

V.4. „Aflați cum să creați și să consolidați un profil autor (ORCID / RID) pentru a fi în conformitate cu cerințele pentru autori al editorilor și al finanțatorilor”, Webex Online Clarivate Analytics, 23.02.2018, enformation.

V.5. „Open Session”, Webex Online Clarivate Analytics, 03.05.2018, enformation.

V.6. „Identificarea, utilizarea și analiza conținutului Open Access in Web of Science”, Webex Online Clarivate Analytics, 18.12.2018, enformation.

V.7. „Unde ar trebui să public?”, Webex Online Clarivate Analytics, 12.02.2019, enformation.

V.8. Webex Clarivate Analytics: Unde să publici: utilizarea Journal Impact Factor, 23 aprilie 2019.

V.9. Webex Clarivate Analytics: Author Records sunt acum disponibili în Web of Science, 31 octombrie 2019.

V.10. Webex Clarivate Analytics: Informații despre Open Access de la Web of Science, 12 noiembrie 2019.

V.11. Webex Web of Science: Identifică cercetarea de top cu Essential Science Indicators (ESI), 27 martie 2020.

V.12. Webex Web of Science: Noutăți Journal Citation Reports și InCites Benchmarking & Analytics, 16 aprilie 2020.

V.13. Webex Web of Science: Aprofundează cunoștințele în domeniul tău de cercetare cu Web of Science, 24 aprilie 2020.

V.14. Webex Web of Science: Opțiunile de căutare a lucrărilor unui autor în Web of Science, 14 mai 2020.

V.15. Webex Web of Science: Găsește revista potrivită în care să publici, 22 iunie 2020.

VI. Marque et brevets

VI.1. Borcan F, **Borcan L-C**, Tomescu MC, Florea S-D, Morariu V-I. BoToFI.m. Certificat de înregistrare a mărcii nr. 161222 (OSIM 04.01.2019).

VI.2. UMF Timișoara (**Borcan L-C**, Popescu FG, Borcan F, Păuncu E-A, Tomescu MC, Dehelean CA). Produs absorbant pentru hidrogen sulfurat și procedeu de obținere a acestuia. Brevet de invenție nr. 133956, eliberat de OSIM în 30.III.2021.

VI.3. Borcan F, **Borcan L-C**, Dehelean CA, Soica C-M. pharm na-mi S. Cerere de înregistrare a mărcii nr. M2019 / 08229 (OSIM 17.11.2019).

VII. Récompenses pour recherche

VII.1. Article „Advanced Structure-activity Relationships Applied to Mentha spicata L. Subsp. spicata Essential Oil Compounds as AChE and NMDA Ligands, in Comparison with Donepezil, Galantamine and Memantine - New Approach in Brain Disorders Pharmacology” a été décerné sur la base PN-III-P1-1.1-PRECISI-2018-24378, UEFISCDI.

VII.2. Brevet „Produs absorbant pentru hidrogen sulfurat și procedeu de obținere a acestuia” has received Diplomă de excelență și Medalia Pro Invent din partea organizatorilor Salonului Internațional al Cercetării Științifice, Inovării și Inventicii Pro Invent, Cluj-Napoca, 20-22 martie 2019.

VII.3. Brevet „Produs absorbant pentru hidrogen sulfurat și procedeu de obținere a acestuia” has received cu Diplomă de excelență din partea USMF „Nicolae Testemițanu” din Republica Moldova la Salonul Internațional al Cercetării Științifice, Inovării și Inventicii Pro Invent, Cluj-Napoca, 20-22 martie 2019.

VII.4. Brevet „Produs absorbant pentru hidrogen sulfurat si procedeu de obtinere a acestuia” has received Diploma of Achievement and Medal INVENTICA 2020 din partea organizatorilor XXIVth Int Exhibition of Inventics Iasi, 29-31 iulie 2020.

VII.5. Brevet „Hydrogen sulfide adsorbent product and the procedure for its obtaining” has received Gold Diploma din partea organizatorilor International Exhibition Inventcor Deva, 17-19 decembrie 2020.

VII.6. Brevet „Produs absorbant pentru hidrogen sulfurat si procedeu de obtinere a acestuia” a été décerné sur la base PN-III-P1-1.1-PRECBVT-2021-3160, CNCS-UEFISCDI.

VIII. Réviseur scientifique

VIII.1. ***. Depression treatment survey of psychiatrists: outcome and side effects. *Annals of Psychiatry and Mental Health*. oct.2015

IX. Commissions professionnelles

IX.1. Secrétaire de la commission d'examen des médecins primaires – 06.2016 (DSP nr 12511/21.06.2016, OMS 754/17.06.2016)

IX.2. Secrétaire de la commission d'examen des médecins primaires – 06.2017 (DSP nr 11755/20.06.2017, OMS 676/16.06.2017)

X. Conseil de conférence international

X.1. Membre du comité d'organisation de EASOM (25-27.08.2016)

XI. Citations

WOS Core Collection - Citation Report		Scopus Report	
Total Publications:	9	Documents:	11
Sum of Times Cited:	68	Citations:	72 by 50 docs
Citing Articles:	45		
h-index:	5	h-index:	5
Google Scholar Report		Research Gate Report	
Citations (All):	24	RG score:	12.75
h-index (All):	3	Citations:	62
i10-index (All):	0	RG score:	15.93

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