

PERSONAL INFORMATION

George Jîtcă



WORK EXPERIENCE

Period 2019 – Present

Assistant lecturer at Pharmacology and clinical pharmacy department, George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Târgu Mureş

Period 2022 – Present

Pharmaceutical and cosmetic industry resident

Period 2019 – 2022

Clinical Pharmacy resident

- Internal medicine department, Mureş County Hospital
- Nephrology department, Mureş County Hospital
- Psychiatry department, Mureş County Hospital
- Cardiology department, Mureş County Hospital
 - Pharmacological knowledge consolidation, pathology-treatment correlations and pathology aspects assimilation
 - Therapeutical approaches of various pathological contexts
 - Treatment monitoring of the admitted patients, keen interest in dosage regimens, adverse reactions, drug-drug interactions

EDUCATION AND TRAINING

Period
2022 - Present

Pharmaceutical and cosmetic industry resident

Period
2019 - 2022

Clinical Pharmacy Resident at Mureş County Hospital

Period
2018 – 2022

PhD Student at George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Târgu Mureş

Period
2013 – 2018

Bachelor degree in Pharmacy at George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Târgu Mureş

Period
2009 – 2013

Highschool degree at "Spiru Haret" National College Tecuci

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

Language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	B2	B2	B2
Language	B2				
	B2				
Language					
	English				

Communication skills

- Public speaking, due to the fact that I teach practical pharmacology papers to students of the faculties of Pharmacy, General Medicine and Dentistry
- Ability to communicate constructively in different social situations and the ability to persuade and argue acquired by participating in conferences
- Social skills, acquired during different volunteering activities
- Graduate of pedagogy courses in the period 2018 - 2019 at George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Târgu Mureş
- I am currently taking the courses of New teaching and evaluation techniques in the medical-pharmaceutical disciplines (2020 - 2021) at George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Târgu Mureş

Computer skills

- Your computer skills.
- good command of Microsoft Office™ tools
 - good command of EthoVision
 - good command of ChemDraw
 - good command of GraphPad Prism

Other skills

- Adaptability
- Good sense of organization
- Perseverance
- Collaboration
- Team-work
- Detailed oriented

Driving licence

- Driving licence category/-ies.
- B

ADDITIONAL INFORMATION

Articles

Author

1. Jîtcă G, Ősz BE, Tero-Vescan A, Miklos AP, Rusz C-M, Bătrînu M-G, Vari CE. Positive Aspects of Oxidative Stress at Different Levels of the Human Body: A Review. *Antioxidants*. 2022; 11(3):572. <https://doi.org/10.3390/antiox11030572>.
2. Jîtcă G, Fogarasi E, Ősz B-E, Vari CE, Fűlöp I, Croitoru MD, Rusz CM, Dogaru MT. Profiling the Concentration of Reduced and Oxidized Glutathione in Rat Brain Using HPLC/DAD Chromatographic System. *Molecules*. 2021; 26(21):6590. <https://doi.org/10.3390/molecules26216590>.
3. Jîtcă G, Fogarasi E, Ősz B-E, Vari CE, Tero-Vescan A, Miklos A, Bătrînu M-G, Rusz CM, Croitoru MD, Dogaru MT. A Simple HPLC/DAD Method Validation for the Quantification of Malondialdehyde in Rodent's Brain. *Molecules*. 2021; 26(16):5066. <https://doi.org/10.3390/molecules26165066>.
4. Jîtcă G, Ősz BE, Tero-Vescan A, Vari CE. Psychoactive Drugs—From Chemical Structure to Oxidative Stress Related to Dopaminergic Neurotransmission. A Review. *Antioxidants*. 2021; 10(3):381. <https://doi.org/10.3390/antiox10030381>.
5. Jîtcă G, Ősz B, Rusz C, Puşcaş A, Tero-Vescan A, Bătrînu M, Ştefănescu R. Cannabidiol in the context of sleeping disorders-induced oxidative stress. *Acta Medica Marisiensis*. 2022; 68(aop). <https://doi.org/10.2478/amma-2022-0023>.
6. Jîtcă G, Gáll Z, Vari CE, Ősz BE, Tero-Vescan A, Groşan A, Dogaru M. Beneficial effects of metformin on haloperidol-induced motor deficits in rats. A behavioral assessment. *Acta Medica Marisiensis*. 2021; 67(2). <https://doi.org/10.2478/amma-2021-0017>.
7. Jîtcă G, Tero-Vescan A, Miklos A, Vari C-E, Ősz B-E. Differences in dietary supplements used by performance athletes and recreationally active individuals. *Palestrica of the third millennium – Civilization and Sport*. 2018; 19(3): 153-157. <https://doi.org/10.26659/p,3.2018.19.3.153>.
8. Jîtcă G, Cîmpean T, Tero-Vescan A, Vari C-E, Filip C, Ősz B-E. Retrospective study on the frequency and causative mechanism of chronic gastritis in an integrative medicine center in Tîrgu Mureş. *AMT*. 2018; 23(3): 67-69.
9. Jîtcă G, Ősz B, Vancea S, Miklos A, Tero-Vescan A. LC-MS Method for Determining Amiodarone and Desethylaminodarone in Rat Plasma Used in Endogenous Overdosing Conditions Following Lipolysis. *Acta Marisiensis - Seria Medica*. 2018; 64(3): 111-115. <https://doi.org/10.2478/amma-2018-0016>.

Co-author

1. Ősz B-E, Jîtcă G, Ştefănescu R-E, Puşcaş A, Tero-Vescan A, Vari C-E. Caffeine and Its Antioxidant Properties—It Is All about Dose and Source. *International Journal of Molecular Sciences*. 2022; 23(21):13074. <https://doi.org/10.3390/ijms232113074>.
2. Rusz C-M, Ősz B-E, Jîtcă G, Miklos A, Bătrînu M-G, Imre S. Off-Label Medication: From a Simple Concept to Complex Practical Aspects. *International Journal of Environmental Research and Public Health*. 2021; 18(19):10447. <https://doi.org/10.3390/ijerph181910447>.
3. Ősz B-E, Ştefănescu R, Tero-Vescan A, Sălcudean A, Boca C-D, Jîtcă G, Vari C-E. Medical Knowledge, Religious Beliefs, and Free Will: Attitudes and Opinions of Various Undergraduate Female Respondents Regarding Oral Contraception. A Questionnaire-Based Study. *International Journal of Environmental Research and Public Health*. 2021; 18(7):3502. <https://doi.org/10.3390/ijerph18073502>.
4. Rusz, C-M, Jitca G, Miklos A, Bătrînu M-G, Ősz B-E, Imre S. Current and novel pharmacological therapeutic approaches in PTSD. A brief review. *Acta Medica Marisiensis*. 2021; 67(3): 143-148. <https://doi.org/10.2478/amma-2021-0023>.

5. Vari CE, Ősz B-E, Jîtcă G, Groşan A, Stoica MC. The patient, the OTC drug, and the pharmacist – an(in)separable triad? A critical analysis of self-medication. *Ro J Pharm Pract.* 2021; 14(3): 117-120. <https://doi.org/10.37897/RJPhP.2021.3.2>.
6. Vari CE, Groşan A, Jîtcă G, Ősz B-E. COVID-19 – Therapeutic controversies. The case of ibuprofen. *Ro J Pharm Pract.* 2020; 13(2): 53-56. <https://doi.org/10.37897/RJPhP.2020.2.3>.
7. Groşan A, Ştefănescu R, Vari C, Jîtcă G, Bătrînu M, Muntean L. Phytochemical Characterization of Transilvanian *Prunella vulgaris*. *Acta Biologica Marisiensis.* 2020; 3(1): 62-69. <https://doi.org/10.2478/abmj-2020-0005>.

Abstracts

1. Jîtcă G, Groşan A, Gall Z, Fogarasi E. Metformin – Potential protective agent of iatrogenic cognitive disorders induced by oxidative stress. Scientific Sessions of University Academic Staff. International Conference of PhD Students and Young Doctors. Târgu Mureş, 6-10 Decembrie 2021, *Acta Medica Marisiensis*, 153. ISSN-L 2602-1609.
2. Bătrînu M-G, Jîtcă G, Farczádi L, Tero-Vescan A. A preliminary analysis in the development of an enzyme assay for 5alpha-reductase from human prostatic tissue. Scientific Sessions of University Academic Staff. International Conference of PhD Students and Young Doctors. Târgu Mureş, 6-10 Decembrie 2021, *Acta Medica Marisiensis*, 108. ISSN-L 2602-1609.
3. Jîtcă G, Gall Z, Dogaru MT. Metformin improves haloperidol – induced thigmotactic behavior in rats. Scientific Sessions of University Academic Staff. International Conference of PhD Students and Young Doctors. Târgu Mureş, 7-11 Decembrie 2020, *Acta Medica Marisiensis*, 75. ISSN-L 2602-1609.
4. Buda E, Pop AA, Bucur S, Chelaru I, Borz RC, Jîtcă G, Ősz BE. Hyaluronidase efficacy in treating keloid scars, a case report. *Marisiensis.* 27-31 March 2019. *Acta Medica Marisiensis*, 65(1): 117. ISBN 2068-3324
5. Jîtcă G, Tero-Vescan A, Ősz BE. To be thin or not to be fat, that is the question! *Marisiensis.* Târgu Mureş, 28 mar-1 apr 2018, *Acta Medica Marisiensis*, 64(1):81. ISSN-L 2068-3324.
6. Jîtcă G, Tero-Vescan A, Ősz BE. Theoretical considerations on amiodarone and desetilamiodarone toxicity in lipolysis conditions. *Marisiensis.* Târgu Mureş, 29 mar-2 apr 2017, *Acta Medica Marisiensis*, 63(1):132. ISSN-L 2068-3324.
7. Jitca G, Miklos A, Tero-Vescan A, Ősz BE. Determination of caffeine content in dietary supplements for weight loss by a HPLC-UV method. The 3rd International Sport Nutrition Conference, Târgu Mureş, Romania, 3-4 November 2017, *Acta Medica Marisiensis*, 63(3):66. ISSN-L 2068-3324.

Conferences

2020 – Participation on The 14th Conference of Ph.D. Students and Young Doctors December 8th

2020 – Participation on The 13th Conference of Ph.D. Students and Young Doctors December 8th

2018 - 2nd place, Scientific Communications section, the paper entitled "To be thin or not to be fat, that is the question" during the Congress for students, young doctors and pharmacists "Marisiensis"

2017 - Participation on the Conference on Nutrition and Dietetics with the paper entitled "Determination of caffeine content in dietary supplements for weight loss by a HPLC-UV method"

2017 - 1st place, Poster section, paper entitled "Theoretical considerations on the toxicity of amiodarone and desethylamiodarone in lipid conditions during the Congress for students, young doctors and pharmacists Marisiensis"

Grants

1. **Director de proiect:** Dezvoltarea unui model de tulburare de stres postr-traumatic bazat pe prădător și stres psihosocial: evaluare cognitivă, hormonală și farmacologică. 510/19/17.01.2022
2. **Director de proiect:** Investigarea efectului supresor al pseudoparkinsonismului iatrogen prin modularea stresului oxidativ consecutiv activării AMPK. 293/4/14.01.2020

Prizes

1. 2022 Premiile Zi de zi, Mureșul Medical, Premiul pentru studii doctorale cu impact științific
2. 2021 Junior Researcher Award Winner, George Emil Palade University of Medicine, Pharmacy, Science, And Technology of Târgu Mureș
3. 1st Prize Award, as a PhD Student for the bests indexed ISI article published in the academic year 2020/2021
4. 1st Place at Residency exam Industrial Pharmacy Residency Program