

PERSONAL INFORMATION

Andrei Luca



WORK EXPERIENCE

- 2022 - present **Medical Doctor Pneumology** - Central Emergency University Military Hospital Dr. Carol Davila - Bucharest, Romania
- 2020 - 2022 **Counselor for European Affairs**
Ministry of Health, General Directorate for Medical Assistance and Public Health
- Medical Experience**
- 2019 - 2020 **Medical Doctor Pneumology**
Pneumology Hospital Iasi, Romania
- 2016 - 2018 **Medical Residency Pneumology**
Saint Spiridon Emergency Hospital Iasi, Romania
- 2012 - 2016 **Medical Residency Internal Medicine - Geriatrics Clinic** Parhon Hospital Iasi, Romania
- Academic Experience**
- 2020-present **Associate Professor** Pharmacology Titu Maiorescu University Bucharest,
- 2018 - 2020 **Assistant Professor**
Discipline of Pneumology
University of Medicine and Pharmacy "Grigore T. Popa" Iasi, Romania
- Assistant Professor**
- 2014 - 2018
Discipline of Pathophysiology
University of Medicine and Pharmacy "Grigore T. Popa" Iasi, Romania
- Research experience**
- 2017 - 2020 **Scientific Researcher (SR III/ Senior Lecturer)**
Advanced Research and Development Center in Experimental Medicine CEMEX - Department of Pharmacology University of Medicine and Pharmacy "Grigore T. Popa" Iasi, Romania.
- 2012 - 2017 **Researcher**
Center for Pain Therapy and Study (CSTD), University of Medicine and Pharmacy "Grigore T. Popa" Iasi, Romania

EDUCATION AND TRAINING

- 2018 **Postgraduate Course in Medical Informatics and Biostatistics**
"Grigore T. Popa" University of Medicine and Pharmacy: Techniques of statistical analysis in medical studies and researches. Course Coordinator: Conf. Dr. Mihaela Moscalu.
- 2018 **English Proficiency Test – Level C1**
EuroEd Modern Languages Center
- 2012 - 2016 **Doctor of Medical Sciences**
Department of Pathophysiology University of Medicine and Pharmacy "Grigore T. Popa" Iași, Romania Title of doctoral thesis: *Mitochondrial modulators of visceral pain. Aspects and features*. WHO no. 6122 of 20.12.2016
- 2014 - 2016 **Master Program "Research in Health Policies"**,
Dissertation entitled "*Health Policies in the Pain Therapy Implementation Strategy in Various Care Units for Chronic Illnesses*"; coordinator Prof. univ. Dr. Doina Azoicai.
- 2013 - 2014 **Postgraduate module of general didactic professionalization (Level I and Level II)**
Department of Teaching Staff Training at "Al. I. Cuza" University of Iasi, Romania.
- 2012 **Postgraduate module Practical Electrocardiography**
University of Medicine and Pharmacy "Grigore T. Popa" Iasi, Romania
- 2010 **International Professional Exchange**
"Mater Dei" Hospital in Valetta, Malta. Clinic of Ophthalmology.
- 2010 **International Professional Exchange at**
Simmelweis University in Budapest, Hungary. Dermato-Oncology Clinic.

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
German	A2	A2	A2	A2	A2
Italian	A2	A2	A2	A2	A2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills

- 2019 Scientific Board – Internal Medicine oral presentation session
Congress Congressis International Congress for Medical Students and Young Doctors, Iasi, Romania
- 2018 Lecturer course HIS and international protocols for reduction of unintended errors
XXV Congress of the Romanian Pneumology Society, Poiana Brasov, Romania
- 2018 Lecturer course Pulmonary obstructive pathology – clinical and therapeutical setup
Organised by Medical College Romania, Iasi, Romania
- 2018 Lecturer course Aspects of translational pneumology
Conference of Pneumology Inspir, Iași, Romania
- 2018 Lecturer course Science of Improvement Healthcare system – New Horizons.
International Nursing Week 3rd Ed. Organised by University of Medicine and Pharmacy "Grigore T. Popa", Iași, Romania

- 2018 Lecturer course Instrumental investigation techniques in Pneumology
Pre-conference course, Inspir, Iasi, Romania
- 2018 Lecturer course Current errors in experimental medicine
Conference Medicine Days: Medicine from idea to clinical setup, XXVI ed., Iasi Romania
- 2017 Lecturer course Respiratory pathology from experimental status to clinical practice
Conference Medicine Days: Medicine from idea to clinical setup, XXV ed., Iasi Romania

Organisational / managerial skills

- 2019 Organising Committee
Conference of Pneumology Inspir, Iasi, Romania.
- 2019 Organiser Workshop Behavior evaluation and advanced medical imaging of multifunctional magnetic nanoparticles on laboratory animals
16th edition of the International Congress for Medical Students and Young Doctors – Congressis.
- 2019 Organiser Workshop Biomedical application of terahertz spectroscopy and imaging
16th edition of the International Congress for Medical Students and Young Doctors – Congressis.
- 2018 Organiser Workshop Basic in vivo/in vitro research techniques used in pharmacology and algology studies
15th edition of the International Congress for Medical Students and Young Doctors – Congressis.
- 2018 Organising Committee
Conference of Pneumology Inspir, Iasi, Romania.
- 2017 Organiser Essential in Bronchology for medical residents and young doctors
Hospital of Pneumology, Iasi, Romania
- 2015 Organiser Committee
National Congress with International Participation of Physiopathology, Iasi, Romania.
Organising Committee
“1st International Congress on Side Effects in Medicine”, Iasi, Romania
- 2009 Organising Committee
“Students Forum of Algology”, Iasi, Romania.
- 2008 Coordinator International Delegation
„5th International Congress for Medical Students and Young Doctors”, Iasi, Romania.

Job-related skills

Research:

Pharmacokinetic domain and pharmacodynamics: bioavailability, efficacy and toxicity - nanocomposites, polymers, etc. - scalar doses, LD50

Behavioral animal experiments: pain, neuroexploration, degenerative diseases, inflammation, pain assessment, stress testing in animals.

Immunohistochemistry and animal biochemistry experience.

Others: fluorescence microscopy, basic histology techniques: cryotom blasting, laminar flow for cell cultures / incubators. Comet test for genotoxicity assessment, MTT cell viability.

Clinical:

Clinical expertise in diagnosis and treatment of patients in pneumology and internal medicine, electrocardiography, radiology.
Emergency medical management of patients.

Academic:

Teaching and evaluating skills: medical students in both romanian and english languages in Physiopathology, Internal Medicine and Pneumology.
Coordination of Medical Diploma Thesis and of resident physicians.

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Levels: Basic user - Independent user - Proficient user

Other skills

Web design; Graphical processing; Statistical analysis; Scientific writing.

Driving licence

B

Volunteering activities

- 2010 "NO AIDS" event organized by SSMI, Iasi.
- 2010 "Medical Mission 4" organized by "Daniel Murariu Foundation".
- 2010 "First aid to religious pilgrims", organized by AMFOR and the Red Cross Romania.
- 2009 "Tobacco Initiative Project" organized by SSMI.
- 2009 "No Smoking Free Days" organised SSMI.
- 2009 "Be a hero, donate blood" organized SSMI.
- 2008 To be beautiful your skin needs to be beautiful and healthy" organized by SSMI and SensiBlu.

ADDITIONAL INFORMATION

Memberships Scientific Societies Present/Past

European Respiratory Society (ERS)
World Association for Bronchology and Interventional Pulmonology (WABIP)
Romanian Pneumology Society (SRP)
Union Medicale Balkanique (UMB)
International Association for the Study of Pain (IASP)
International Brain Research Organization (IBRO)
Federation of European Neurosciences (FENS)
National Society of Neurosciences (SNN)
Romanian Physiopathology Society (SRFP)
Algesiology Society of Romania (AAR)
Society of Medical Students Iasi (SSMI)

Conferences

Over 60 National and International Conferences

**Projects –
on going**
Management comitee

International Projects

Substitute management MC Member - COST Action CA17104

Title: „New diagnostic and therapeutic tools against multidrugresistant tumors”

Project: COST European Cooperation in Science&Technology- Action CA17104

Director: Asist. Univ. dr. Teodora Alexa Period: 01.10.2018- 01.10.2022

Member in project team

COST Action CA16205

European Network on Understanding Gastrointestinal Absorption-related Processes

Project: COST European Cooperation in Science&Technology- Action CA16205

Director: Dr Aurica CHIRIAC Period: 01.10.2018- 01.10.2022

National Projects

Young Researcher Grant

Development and characterization of new nanosystems based on nonsteroidal anti-inflammatory drugs and symptomatic slow acting drugs.

Project: University of Medicine and Pharmacy Grigore T Popa Iasi

Project Director: Drd.VASINCU Ioana Period: 10.2017-10.2019

IDEA Teams Grant

Adipose tissuebiomarkers in short-term remission of metabolic syndrome after bariatric surgery.

Project: University of Medicine and Pharmacy Grigore T Popa Iasi

Project Director: Lecturer Dr. Daniel Timofte Period: 10.2017-10.2019

**Projects –
completed**

Member in project team

National Projects

PED nr. 245PE/2017 Nanoteraplasia

Advanced diagnosis methodsfor early gastric cancer through nanoparticle-enhanced THz-based imaging studies.

Project financing: Romanian Ministry of Education and Research Project Director:

Prof. Univ. Dr. DRUG Vasile. Period: 2017-2018

Private financing project

Establishment of health-based exposure limits for use in identifying the risk of manufacturing different medicines, ointments, creams, gels on the same manufacturing stream. The substances investigate: acyclovir, ketoconazole, diclofenac sodium, clotrimazole, procaine hydrochloride, bismuth base gallate, aluminum hydroxide, zinc oxide, methyl nicotinate, phenylbutazone, indomethacin, ketoprofen and terbinafine.

Project financing: Hyperion SA Project Director: CS I. Dr. TAMBA Bogdan Ionel

Period: 2017-2018.

Private financing project

Advanced Imaging Diagnosis in Thz Area of Incipient Neoplasia

Project financing: National Gas Society ROMGAZ SA Project Director:Asist univ dr. ALEXA-STRATULAT Teodora Period: 2018

PN-II-ID-PCE-2011-3-0875

Experimental studies on the relationship between mitochondrial dysfunctions and pain

Project financing: Romanian Ministry of Education and Research Grant Director:

Cătălina Roxana Bohotin MD, PhD. Period: 2011-2015

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Strategic partnership for increasing the quality of scientific research in medical universities by granting doctoral and postdoctoral scholarships. DocMed.net_2.0 Project financing: Romanian Ministry of Education and Research Period: 2014-2015.

PN-III-P2-2.1-SOL-2020-0061 COVID-19 Solutions 2 Innovative approaches in the treatment and control of patients infected with SARS-CoV-2 virus. Project Partner Responsable: P3 Clinical Hospital of Pneumology Iasi. Period: June 2020 - December 2021
Project financing: Romanian Ministry of Education and Research Grant
Director: CSI Marioara Avram

POCA/513/1/1-129439/733 Increasing institutional capacity for coordinated national development of palliative care and home care (Acronym: PAL-PLAN) - Cod SIPOCA 129439/733 Manager for the Consortium Leader - The Ministry of Health Romania Partners Ministry of Labour, National Authority for Quality Management in Healthcare, National Health Insurance House and Hospice the HopeHouse. Project value 5.000.000 Eur 2020-2023

OBDIA-NET Cross-Border Integrated Network For Advanced HealthServices In Obesity, Diabetes And Metabolic Disorders, Director Project Conf. Dr. Dan Dimofte, Val. Project 1.300.000 Eur. Pozitia: Responsabil partener - Coordonator centru - Spitalul Clinic Pneumoftiziologie Iasi 2020-2023.

PROMED - "Bioinformatics platform for early diagnosis of colorectal and bronchopulmonary cancer". Project financing: Competitiveness Operational Program (POC 2.2.1). Value 3.918.000 Eur 2020-2023.
Position Researcher

PN-III-P1-1.1-PRECISI-2021-60501 - Competition for research award 2021

Expert Evaluator International Programme 2020

Member In international Academic Boards

Evaluator of the National Science Fund in Bulgaria
Evaluator of the National Science Fund of Serbia
European Program Evaluation Committee and the European Institute of Romania Innovation and Technology (EIT) Health 2020
European Program Evaluation Committee and the European Institute of Romania Innovation and Technology (EIT) RIS Innovation Call 2021 projects

Member Reviewer Board Journal *Medicina*, Impact Factor 1.46.

Member Reviewer Board Jurnalul Pharmaceuticals Impact Factor 4.2

Experience with international bodies

Expert in the elaboration of the National Strategy for Research, Development and Innovation - panel
Healthy Life - Health - Ministry of Education and Research
Technical expert European Commission DG Sante eHealth field - Semantics
Member of the European Commission's program coordination committee EU4Health
Member of the Coordination Committee regarding the reorganization of the transfusion system
from Romania - coordinator Ministry of Health project in partnership with the Council
Europe,
Horizon Europe working group member,
Member of the European Reference Network Member States Committee
Member of the HERA Committee
Expert within the Commission for Important Projects of Interest common European (IPCEI),
Expert Partnership of Member States for the Transformation of systems health and care (THCS)
EDCTP3 Partnership Expert: EU-Africa Global Health

Honours and awards

Travel Grant Award

The effects of repeated disulfiram and nitroglycerin on thermonociception and visceral pain in mice. 28yh ECNP Congress Amsterdam, Holland, 2015.

2nd prize

The effects of curcumin in comparison with riboflavin over visceral pain. National Pain Congress , Cluj , Romania 2015.

3rd Prize

Aberant intraventricular propagation in atrial fibrillation. National Congress of Physiopathology 2015 Iasi, Romania.

1st Prize

The effects of one and two-week methylene blue administration on writhing test in mice, The 3rd Conference of the National Neuroscience Society Of Romania, București, România 2012.

Special Prize

Is the neuropathic pain a result of mitochondrial dysfunction? Simposium "New Drugs", Iași, România 2012.

1st Prize

Acute pain in mice. The antinociceptive effect of leucin and metionin isomers on models of acute pain in mice. International Scientific Congress for Students, Young Physicians and Pharmacists Marisiensis", Târgu Mureș, România 2009.

Special Prize

Particularities of pharmacotherapies in infants and new-born. 1st International Congress on Side Effects in Medicine Iași, România 2009.

Module 1 – CRA Training Entry Level pentru Clinical Research Associates (CRA), Clinical Research Assistants (CTA)

Courses

Project Management Course

Innovation Manager Course

ASRO

Knowledge of the legal and regulatory requirements in force applicable to medical devices

Management of colo-rectal cancer Coordinator: Viorel Scripcariu MD, PhD Summer school of the Regional Oncological Institute Iasi

Particularities of cardiovascular disease in the elderly CARDIOSEN Iasi, Romania

Good Clinical Practice Course (GCP)

Knots and sutures Craiova, Romania

Publishing Scientific Articles Craiova, Romania

Modern Diagnosis Methods in Gastroenterology Craiova, Romania

Hirsch Index

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1. **Luca Andrei**, Sandor Kasas, Ignacio Ochoa Garrido, Tijana Stanković, Mónica Suárez Korsnes, Radka Vaclavikova, Yehuda G. Assaraf, Milica Pešić *Advanced technological tools to study multidrug resistance in cancer*. Drug Resistance Updates 48(1):100658, 2020 I.F. = 11.708.
2. Stefanescu R., Stanciu G., **Luca A.** et al. *Secondary Metabolites from Plants Possessing Inhibitory Properties against Beta-Amyloid Aggregation as Revealed by Thioflavin-T Assay and Correlations with Investigations on Transgenic Mouse Models of Alzheimer's Disease*. Biomolecules. Biomolecules 2020, 10(6):870. I.F. 4.694
3. Stanciu G, **Luca A***, Marza A. et al. *Intracerebroventricular Coadministration of Protoxin-II and Trace Elements in Rats Enhances the Analgesic Effect of the 1.7 Voltage-Gate Sodium Channel Blocker*. BioMed Research International, 2019 (3):1-11. I.F. 2.140
4. Tamba BI , Stanciu GD, Urîtu CM, Rezus E, Stefanescu R, Mihai CT, Luca A, et al. 2020. *Challenges and opportunities in preclinical research of synthetic cannabinoids for pain therapy*. Medicina 2020, 56, 24. I.F. 1.467.
5. Stanciu GD, **Luca A.***, Rusu R.N. et al., 2020. *Alzheimer's Disease Pharmacotherapy in Relation to Cholinergic System Involvement*. Biomolecules 2020, 10, 40; . I.F. 4.67
6. Stanciu GD, Bild V, Ababei DC, Rusu RN, Beschea Chiriac SI, Rezuș E, **Luca A.** *Relevance of Surface Neuronal Protein Autoantibodies as Biomarkers in Seizure-Associated Disorders*. Int J Mol Sci. 20(18):4529, 2019. I.F. 4.183
7. R. Ștefănescu, GD Stanciu, **A Luca***. *Contributions of Mass Spectrometry to the Identification of Low Molecular Weight Molecules Able to Reduce the Toxicity of Amyloid-β Peptide to Cell Cultures and Transgenic Mouse Models of Alzheimer's Disease*. Molecules, 24:1167, 2019. I.F. 3.098.
8. **A. Luca**, C.-T. Mihai, GD Stanciu, et al. *In-vivo safety and efficacy evaluation of a novel polymeric based lidocaine formulation for topical Analgesia*. Farmacia 67(1):117-125, 2019. I.F.=1.507.
9. C Gavrilovici, **A Luca***, SA Antoniu, K Gallaby, R Ștefănescu, M Stârcea, I Miron, V Bild. *How nephrotoxic is the cancer therapy in children?* Farmacia, 66:2, 2018. I.F.=1.507.
10. M Danciu, T Alexa-Stratulat,*, C Stefanescu, G Dodi, BI Tamba, CT Mihai, Ga D Stanciu, **A Luca** et al. *Terahertz Spectroscopy and Imaging: A Cutting-Edge Method for Diagnosing Digestive Cancers*. Materials 12(9):1519, 2019. I.F.= 2.728
11. CM. Uritu, CT. Mihai, GD Stanciu, G Dodi, T Alexa-Stratulat, **A Luca**, M Leon-Constantin, R Stefanescu, V Bild, S Melnic, B.I. Tamba. *Medicinal Plants of the Family Lamiaceae in Pain Therapy: A Review*. Pain Research and Management 2018; doi: 10.1155/2018/780154. IF: 2.027
12. G Rusu-Zota, **A. Luca*** et al. *The imidazoline Receptor Antagonists Idazoxan and Efaroxan Improve the Spatial and Reference Memory in Rats*. REV. CHIM (Bucharest) 69(12):3577-3580, 2018. I.F.= 1.232.
13. E Rezus, A Cardoneanu, **A Luca***, et al. *The Link Between Inflammaging and Degenerative Joint Diseases*. Int.J.Mol.Sci. 20:614, 2019. I.F.=3.687
14. D.C. Ababei, S. Beșchea Chiriac, W. Bild, C. Solcan, **A. Luca** et al. *Synergistic effects of the doxepin-candesartan combination on the thermoalgesic sensibility in mice*. FARMACIA, 65(5):726-730, 2017. (F.I.=1.348).
15. A.I. Alexa, A. Cantemir, I. Antioch, I.B. Balmuș, S. Cojocaru, R Gardikiotis, **A Luca** et al. *The Dynamics of the Main Oxidative Stress Chemical Markers in the Serum of Rats Stressed by Various Behavioural Tasks*. REV.CHIM.(Bucharest); 68(2):350-353, 2017. (F.I.=1.232)
16. Alexa T, **Luca A***, Dondas A, Bohotin CR. *Preconditioning with cobalt chloride modifies pain perception in mice. Experimental and therapeutic medicine*. 9(4), pp. 1465-1469, 2015. (F.I. = 1.280) * contributions égales

17.A.C. Pinzariu, S.A. Pasca, Allia Sindilar, Cristian Drochioi, Mihail Balan,T. Oboroceanu, S. Niculescu,D.V. Crauciuc, E. G. Crauciuc, **A Luca** et al. *Adipose Tissue Remodeling by Prolonged Administration of High Dose of Vitamin D3 in Rats Treated to Prevent Sarcopenia*. REV.CHIM.(Bucharest); 68(9):2139-2143,2017. (F.I.= 1.232).

18. R Lefter, A Ciobica, D Timofte, D Ababei, R Dobrin, **A Luca** et al. *A new biological approach in generating an irritable bowel syndrome rat model -focusing on depression in sucrose splash test and body weight change*. Romanian Biotechnological Letters, DOI: 10.26327/RBL2018.208, 2018.

IDB Publications

C.T. Mihai, **A. Luca***, M. Danciu et al. *Basic Sciences In Vitro Evaluation Of Novel Functionalized Nanoparticles For Terahertz Imaging In Vitro Evaluation Of Novel Functionalized Nanoparticles For Terahertz Imaging*. Med. Surg. J. 123(1):139-146, 2019.

R.N. Rusu, D.C. Ababei, G.D. Stanciu, **A. Luca** et al. *Demonstrating the antinociceptive action of renin-angiotensin systems modulators in mice*. Veterinary Drug, 12 (2): 31-37, 2018.

Alexa-Stratulat T, **Luca A**, Bohotin CR. *Visceral Pain from neuroanatomy to receptors – focus on gastrointestinal pain*.Romanian Journal of Neurology 2016. XV (3):105-112.

CR Bohotin, T Alexa, **A Luca**, A Dondas, A Negru, and R Iliescu. *The effects of intrathecal methylene blue and glyceryl trinitrate administration on orofacial pain in mice*. International Journal of Clinical Neurosciences and Mental Health 2016; 3(Suppl. 1):P58.

T. Alexa, **A. Luca**, A. Negru, and C.R. Bohotin. *The effect of intraperitoneal and intrathecal cobalt chloride administration on formalin-induced orofacial pain*. International Journal of Clinical Neurosciences and Mental Health 2016; 3(Suppl. 1):P56.

Luca, A., Alexa, T, Dondaş A., Crăcană I-M, Bădescu M, Bohotin C. *The effects of riboflavin and methylene blue on nociception and visceral pain*. Med. Surg. J. 119 (2), pp. 466-472, 2015.(ISSN 0048-7848).

Alexa T, Anti L, **Luca A**, Miron L, Alexa ID. *Incidence of chemotherapy discontinuation and characteristics of elderly patients with non-small cell lung cancer treated with platinum-based doublets*. Contemporary Oncology, 5 (132), p340-343, 2014.

Dondas A, Alexa T, **Luca A**, Bohotin CR .*The Effects of the Methylene Blue on Nocifensive Behaviours in Mice*. 2nd Annual International Conference on Pharmacology and Pharmaceutical Sciences PHARMA 2014, October 2014, Singapore. http://dx.doi.org/10.5176/2345-783x_pharma14.30.

T Alexa, A Dondaş, CR Bohotin, **A Luca**. *The effect of single-dose intraperitoneal and intrathecal administration of Cobalt Chloride on three animal pain models..* 2nd Annual International Conference on Neuroscience and Neurobiology Research CNN 2014, Singapore. http://dx.doi.org/10.5176/2345-7813_cnn14.11

Bohotin CR, Dondas A, Alexa T, **Luca A**, Mungiu OC. *The Effects of Glyceryl Trinitrat in Different Experimental Models of Pain*. 2nd Annual International Conference on Pharmacology and Pharmaceutical Sciences PHARMA 2014, October 2014, Singapore. http://dx.doi.org/10.5176/2345-783x_pharma14.28

Alexa ID, Ilie AC, Moroşanu A, Crăcană I, Onuţ R, Voica A, **Luca A**. *A case of severe hypoalbuminemia associated with chronic congestive heart failure: the role of the tricuspid regurgitation*. Med. Surg. J.. 2014 Jan-Mar;118(1):96-100. (ISSN0048-7848)

Alexa T, **Luca A**, Crăcană I, Merticariu A, Dănăilă C. *Leishmaniasis -- an unusual cause of splenomegaly in Romania* Med. Surg. J. 2014;118(1):101-6n(ISSN 0048-7848).

Luca, A., Alexa, T, Dondaş A., Crăcană I-M, Bădescu M, Bohotin C. *The effects of riboflavin and methylene blue on nociception and visceral pain*. Med. Surg. J. 119 (2), pp. 466-472, 2015.(ISSN 0048-7848).

Abstracts in ISI publications

Drug V., Alexa T., **Luca A.**, et al. *Magnetite Nanoparticles As Contrast Agents For Terahertz Imaging Endoscopy In Gastroenterology - In Vitro Safety Estimation*. Endoscopy. 52. 10, 2020.1055/s-0040-1704758. I.F. 6.381

T Alexa, B Gafton, M Vasile, M M Paduraru, **A Luca**. *Management of Elderly Small-Cell Lung Cancer Patients in a Romanian Tertiary Care Center*. Journal of Thoracic Oncology 13(10):S579, 2018.

T. Alexa-Stratulat, M. Paduraru, V. Afrasanie, A. Hordila, **A. Luca**, L. Miron. *PUB078 Lung Cancer In The Elderly - Histology, Localization And Gender Distribution In North Romania*. IASLC World Conference On Lung Cancer, 2017, Yokohama, Japan.

T. Alexa, **A. Luca**, D. Lupchian, I. Stanciuc, C. Bohotin, M. Bădescu. *Assessing the effects of different methylene blue administration schedules on paclitaxel-induced peripheral neuropathy*. European Neuropsychopharmacology, Vol. 26, S296–S297. ISSN 0924-977X (F.I. =4.36)

C. Bohotin, T. Alexa, **A. Luca**, A. Dondas, D. Nebunu, R. Iliescu. *The effect of one month riboflavin administration on thermo-nociceptive behavior and locomotion in mice*. European Neuropsychopharmacology, Vol. 26, S296–S297. ISSN 0924-977X (F.I. =4.36)

A Luca, T Alexa, A Dondas, I Cracana, C Bohotin. *The effects of repeated disulfiram and nitroglycerin on thermonociception and visceral pain in mice*, European Neuropsychopharmacology, Volume 25, Supplement 2, p. S295-S296, 2015. ISSN 0924-977X (F.I. =4.36)

C Bohotin, T Alexa, **A Luca**, A Dondas, R Iliescu. *Comparison between systemic and central administration of methylene blue and nitroglycerin on orofacial nociceptive behavior in mice*, European Neuropsychopharmacology, Volume 25, Supplement 2, p. S257-S258, 2015. ISSN 0924-977X (F.I. =4.36)

A Luca, T Alexa, A Dondas, GD Luca, CR Bohotin. *The effects of repeated curcumin administration on nociception in mice*. FEBS Journal 281 (Suppl. 1) 65–783: 364, 2014. (F.I = 4.001)

T Alexa, **A Luca**, A. Dondas, CR Bohotin. The effects of single-dose intrathecal administration of methylene blue on acute and inflammatory pain in mice. FEBS Journal 281 (Suppl. 1) 65–783: 364, 2014. (F.I = 4.001)

CR Bohotin, **A Luca**, A Dondas, T Alexa, R Iliescu. Comparison of the effects of riboflavin and ascorbic acid on orofacial and plantar formalin induced pain. FEBS Journal 281 (Suppl. 1) 65–783:345, 2014. (F.I = 4.001)

Luca A, T. Alexa, A. Dondas, G.D. Andron, D. Negru, C.R. Bohotin. The effects of intrathecal versus intraperitoneal vitamin C administration on pain models in mice. European Neuropsychopharmacology, Volume 23, Supplement 2, October 2013, Pages S260-S261 (F.I =5.395)

Luca A, T. Alexa, A. Dondas, G. Andron, A.L. Negru, C.R. Bohotin. Hypoxic Preconditioning with Cobalt Chloride Attenuates Orofacial Pain. Cephalalgia 2013; 33[8] (Supplement): 195. (F.I.= 3.485)

I. Spiridon, **Luca A**, G. Andron, D. Marian, T. Alexa, C.R. Bohotin. Dose-dependent paclitaxel-induced neuropathy in mice. Journal of the Neurological Sciences Volume 333, Supplement 1, Page e522, 15 October 2013 (F.I =2.262)

A. Dondas, **A. Luca**, T. Alexa, A.L. Negru, C.R. Bohotin. The effects of Single Versus Subchronic Administration of Riboflavin on Orofacial Formalin-Induced Pain and Nociception. Cephalalgia 2013; 33[8] (Supplement): 256. (F.I.=3.485)

Dondaş A, **Luca A**, Alexa T, Grigoraş AV, Bohotin CR. Repeated methylene blue administration produces analgesia in experimental pain. The journal of Headache and Pain 2013; vol 1 suppl. 1: 30; (F.I.= 3.281)

Grigoraş AV, **Luca A**, Dondaş A, Alexa T, Bohotin CR. Glyceriltrinitrate has different effects on orofacial pain and nociception The journal of Headache and Pain 2013; vol 1 suppl. 1: 32; (F.I.= 3.281)

T. Alexa, A. Dondas, **A. Luca**, A. Negru, I. Stanciuc, C.E. Gherca, A. Mihai, C.R. Bohotin. The effects of mitochondrial mediators on spontaneous activity and balance European Neuropsychopharmacology, Volume 23, Supplement 2, October 2013, Pages S250-S251 (F.I =5.395)

Dondas A, I. Chiriac, T. Alexa, **A Luca**, D. Negru, C. Bohotin. *The effect of riboflavin (vitamin B2) on formalin-induced lumbar pain.* European Neuropsychopharmacology, Volume 23, Supplement 2, October 2013, Pages S618-S619 (F.I =5.395)

T. Alexa, A. Dondas, **A. Luca**, A.L. Negru, G. Andron, C.R. Bohotin. *The Effects of Acute Intrathecal and Intraperitoneal GlycerilTrinitrate Administration on Orofacial Pain in Mice.* Cephalalgia 2013; 33[8] (Supplement): 242. (F.I.=3.485)

Alexa T, Dondaş A, **Luca A**, Grigoraş AV, Bohotin CR. *Chronic cobalt exposure modifies nociception and orofacial inflammatory pain.* The journal of Headache and Pain 2013; vol 1 suppl. 1: 31; (F.I.= 3.281)

Abstracts in Publications with ISBN

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