



# CURRICULUM VITAE EUROPASS

## ANEXA

**Prof. univ. dr. Coralia Adina Cotoraci**      **Lista de publicații**

### I.      **Articole ISI autor principal**

1. **Cotoraci C**, Ciceu A, Sasu A, Hermenean A, *Natural Antioxidants in Anemia Treatment*, International Journal of Molecular Sciences 22, 1883, 2021
2. **Cotoraci C**, Ciceu A, Sasu A, Miutescu E, Hermenean A, *The Anti-Leukemic Activity of Natural Compounds*, Molecules 26, 2709, 2021
3. **Cotoraci C**, Ciceu A, Sasu A, Miutescu E, Hermenean A, *Bioactive Compounds from Herbal Medicine Targeting Multiple Myeloma*, Applied Sciences 11, 4451, 2021
4. **Cotoraci C**, Sasu A, Miutescu E, Iovanescu D, Gharbia S, Ciceu A, Herman H, Hermenean A, *Immunohistochemical Expression Patterns of Tight Junction Proteins, Pro-Apoptotic and Anti-Apoptotic Factors on Progression of Intestinal Mucositis of Onco-Hematological Patients under Epirubicin-Based Chemotherapy* Applied Sciences, 11, 4710, 2021
5. **Cotoraci C**, Sasu A, Onel AFM, Iovanescu D, Miutescu E, Gharbia S, Ciceu AL, Herman H, Hermenean A, *The morphological changes of the colonic goblet cells and mucin profile in oncohematological patients under Epirubicin-based chemotherapy*, Rom J Morphol Embryol 2020, 61(4):1121–1128, 2020
6. Caruntu S, Ciceu A, Olah NK, Don I, Hermenean A, **Cotoraci C**, *Thuja occidentalis L. (Cupressaceae): Ethnobotany, Phytochemistry and Biological Activity*, Molecules 25, 5416, 2020
7. Hermenean A, Trotta MC, Gharbia S, Hermenean AG, Peteu VE, Balta C, **Cotoraci C**#, Gesualdo C, Rossi S, Gherghiceanu M and D’Amico M (# corresponding author), *Changes in Retinal Structure and Ultrastructure in the Aged Mice Correlate With Differences in the*

8. Vicas SI\*, Laslo V, Timar AV, Balta C, Herman H, Ciceu A, Gharbia S, Rosu M, Mladin B, Chiana L, Prokisch J, Puschita M, Miutescu E, Cavalu S, **Cotoraci C\***, Hermenean A, *Nano Selenium—Enriched Probiotics as Functional Food Products against Cadmium Liver Toxicity*, *Materials*, 14, 2257, 2021
9. Vicas SI\*, Laslo V, Timar AV, Balta C, Herman H, Ciceu A, Gharbia S, Rosu M, Mladin B, Fritea L, Cavalu S, **Cotoraci C\***, Prokisch J, Puschita M, Pop C, Miutescu E, Hermenean A, *Functional Food Product Based on Nanoselenium-Enriched Lactobacillus casei against Cadmium Kidney Toxicity*, *Applied Sciences* 11, 4220, 2021
10. Codreanu A\*, Balta C\*, Herman H\*, **Cotoraci C\***, Mihali CV, Zurbau N, Zaharia C, Rapa M, Stanescu P, Radu I-C, Vasile E, Lupu G, Galateanu B, Hermenean A, *Bacterial Cellulose-Modified Polyhydroxyalkanoates Scaffolds Promotes Bone Formation in Critical Size Calvarial Defects in Mice*, *Materials* 13, 1433; 2020
11. Zaulet M\*, Kevorkian SEM, Dinescu S\*, **Cotoraci C\***, Suciu M, Herman H, Buburuzan L, Badulescu L, Ardelean A, Hermenean A, *Protective effects of silymarin against bisphenol A-induced hepatotoxicity in mouse liver*, *Experimental and Therapeutic Medicine* 13: 821-828, 2017
12. Balta C\*, Herman H\*, Rosu M\*, **Cotoraci C\***, Iva A, Folk A, Duka R, Dinescu S, Costache M, Petre A, Hermenean A, *Homeostasis of blood parameters and inflammatory markers analysis during bone defect healing after scaffolds implantation in mice calvaria defects*, *Romanian Biotechnological Letters*, 22(6): 12018-12025, 2016
13. Folk A\*, **Cotoraci C\***, Baltă C, Suciu M, Herman H, Boldura OM, Dinescu S, Paiusan L, Ardelean A, Hermenean A, *Evaluation of Hepatotoxicity with Treatment Doses of Flucytosine and Amphotericin B for Invasive Fungal Infections*, *BioMed Research International*, Article ID 5398730, 9 pages, 2016

## **I. Articole ISI în calitate de coautor**

1. Trotta MC, Gharbia S, Herman H, Mladin B, Hermenean A, Balta C, **Cotoraci C**, Peteu VE, Gesualdo C, Petrillo F, Galdiero M, Alfano R, Gherghiceanu M, D'Amico M, Rossi S, Hermenean A, *Sex and Age-Related Differences in Neuroinflammation and Apoptosis in Balb/c Mice Retina Involve Resolvin D1*, *International Journal Molecular Sciences*, 2021, 22, 6280, 2021
2. Zdremtan D, **Cotoraci C**, Calu L, Mihali CV, Tusa IM, Dumitrache F, Cotoraci C, Bratosin D *Characterization of human erythrocytes as carriers for iron nanoparticles*, *Romanian Biotechnological Letters*, 25 (2): 1378-1386, 2020
3. Zdremtan D, **Cotoraci C**, Calu L, Rugina A, Tusa IM, Iordachel C, Montreuil J, Bratosin D *Cytometric analysis of erythrocytes in different types of anemia - a tool for clinic and medical biotechnology industry*, *Romanian Biotechnological Letters*, 25 (3): 1587-1593, 2020

4. Pop C, Fronea OFG, Pop L, Iosip A, Manea V, Dorobantu L, **Cotoraci C**, Bala C, Pop D, Dorobantu M, *High-normal blood pressure and related cardiovascular risk factors prevalence in the Romanian adult population: insights from the SEPHAR III study*, Journal of Human Hipertension, DOI: 10.1038/s41371-020-00417-z, 2020
5. Pop C, Ianos R, Matei C, Mercea S, Todea B, Dicu D, Tarus M, Filip D; Kozma G, **Cotoraci C**; Petris A, Tint D, *Prospective Study of Pulmonary Embolism Presenting as Syncope*, American Journal of Therapeutics, 26(3): E301-307
6. Habib G, Erba PA, Lung B et all ..... **Cotoraci C** (Euro -Endo Investigator), *Clinical presentation, aetiology and outcome of infective endocarditis. Results of the ESC-EORP EURO-ENDO (European infective endocarditis) registry: a prospective cohort study*, European Heart Journal, 40 (39), 3222-+, 2019
7. Habib G, Lancellotti P, Erba PA, et all..... **Cotoraci C** (Euro -Endo Investigator), *The ESC-EORP EURO-ENDO (European Infective Endocarditis) registry*, European Heart Journal, 5(3), 202-207, 2019
8. Anghel N., **Cotoraci C.**, Ivan A., Suciuc M., Herman H., Balta C., Nicolescu L., Olariu T., Galajda Z., Ardelean A., Hermenean A., *Chrysin attenuates cardiomyocyte apoptosis and loss of intermediate filaments in a mouse model of mitoxantrone cardiotoxicity*, Histology and Histopathology, 30 (12), 1465-1476
9. Sasu A., Herman H., Mariasiu T., Rosu M., Balta C., Anghel N., Miutescu E., **Cotoraci C.**, Hermenean A, *Protective effects of silymarin on epirubicin - induced mucosal barrier injury of the gastrointestinal tract*, Drug and Chemical Toxicology, 38(4): 442-451, 2015
10. Ciobanu M, Ardelean A, **Cotoraci C**, Mos L, Orodan M, Osser G, Pribac G, *Predictability Estimates of Neuronal Activity*, Journal of Computational and Theoretical Nanoscience, 10 (11), 2583-2585, 2013
11. Ciobanu M, Ardelean A, **Cotoraci C**, Mos L, *Maximum Lyapunov Exponents Evidencing Chaos in Neural Activity*, Journal of Computational and Theoretical Nanoscience, 10 (11), 2600-2603, 2013
12. Ciobanu M, Turcus V, Savastru D, Ardelean A, **Cotoraci C**, Savastru R, Carstea EM, Ghervase L, *Two approaches characterizing the chaotic behavior of neurons*, Digest Journal of Nanomaterials and Biostructures, 7(4), 1, 1519-1525, 2012
13. Bratosin D, Tissier JP, Lapillone H, Hermine O, de Villemeur TB, **Cotoraci C**, Montreuil J, Mignot C, *A Cytometric Study of the Red Blood Cells in Gaucher Disease Reveals their Abnormal Shape that May Be Involved in Increased Erythrophagocytosis*, Cytometry Part B-Clinical Cytometry, Cytometry Part B-Clinical Cytometry, 80B (1), 28-37, 2011
14. Gavrilă L, Burlibasa L, Radu I, Magdalena M, Ardelean A, **Cotoraci C**, Barbăcar L, *Epigenetics in relation to environmental pollution, nutrition and pathogenesis*, Romanian Biotechnological Letters, 14(6), 4769-4778, 2009
15. Bratosin D, Tcacenco L, Sidoroff M, **Cotoraci C**, Slomianny C, Estaquier J, Montreuil J, *Caspases-8 and-3 and Circulating Human Erythrocytes Purified on Immobilized Annexin-V: A Cytometric Demonstration* Cytometry Part A, 75A (3), 236-244, 2009
16. Schaltenbrand R, Huber R, **Cotoraci C**, Mascher H, Potthast H, Hole U, *Bioequivalence between omeprazole MUPS 20 mg as tablet and omeprazole MUPS 20*

*mg as tablet encapsulated in a hard gelatine capsule*, International Journal of Clinical Pharmacology and Therapeutics, 39 (10), 453-459, 2001

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