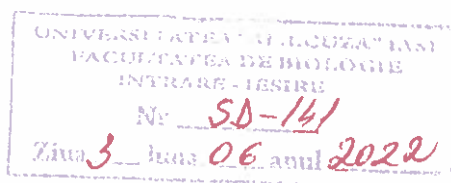


## LISTA LUCRĂRILOR PROPRII

### I. Articole ISI publicate

1. **Roxana Cojocariu**, Alin Ciobica , Ioana-Miruna Balmus, Samson Guenne, Anca Trifan , Carol Stanciu, Luminita Hrițcu, and Radu Lefter, 2019, Antioxidant Capacity and Behavioral Relevance of a Polyphenolic Extract of *Chrysanthellum americanum* in a Rat Model of Irritable Bowel Syndrome, *Hindawi Oxidative Medicine and Cellular Longevity* Volume 2019, Article ID 3492767, 13 pages <https://doi.org/10.1155/2019/3492767>).
2. **Roxana O Cojocariu**, Ioana-Miruna Balmus, Radu Lefter, Luminita Hritcu, Daniela C Ababei, Alin Ciobica, Simona Copaci, Silvia E L Mot, Lucian Copolovici, Dana M Copolovici, Stefana Jurcoane, "Camelina sativa Methanolic and Ethanolic Extract Potential in Alleviating Oxidative Stress, Memory Deficits, and Affective Impairments in Stress Exposure-Based Irritable Bowel Syndrome Mouse Models", *Oxidative Medicine and Cellular Longevity*, 2020 Dec 23; 2020:9510305. doi:10.1155/2020/9510305 . eCollection.
3. Balmus Ioana – Miruna, Ilie Ovidiu, Ciobica Alin, **Cojocariu Roxana – Oana**, Stanciu Carol, Trifan Anca, Cimpeanu Mirela, Cimpeanu Cristian, Gorgan Lucian ,, Irritable bowel syndrome between molecular approach and clinical expertise – searching for gapfillers in the oxidative way of thinking", *Medicina*, 2020, 56(1), 38; <https://doi.org/10.3390/medicina56010038>
4. Ioana-Miruna Balmus, **Roxana-Oana Cojocariu**, Alin Ciobica, Stefan Strungaru, Roxana Strungaru-Jijie, Alina Cantemir, Catalina Galatanu, Lucian Gorgan "Preliminary Study on the Tears Oxidative Stress Status and Sleep Disturbances in Irritable Bowel Syndrome Patients" *Oxidative Medicine and Cellular Longevity*, 23 mai 2020; doi:10.1155/2020/4690713. eCollection 2020.
5. Radu Lefter, **Roxana Oana Cojocariu**, Alin Ciobica, Ioana-Miruna Balmus, Ioannis Mavroudis, Anna Kis, "Interactions between Sleep and Emotions in Humans and Animal Models" *Medicina (Kaunas)*, 2022 Feb 11; 58(2):274. doi: 10.3390/medicina58020274.
6. **Roxana Cojocariu**, Ioana Balmus, Radu Lefter, Luminita Hritcu, Dana Ababei, Alin Ciobica, Simona Copaci, Lucian Copolovici, Dana Copolovici, Stefana Jurcoane, „Beneficial effects of *Camelina sativa* oil on behavioural (memory, anxiety, depression and social-related) manifestations and oxidative stress parameters in a mice model of irritable bowel syndrome" *Rom Biotechnol Lett*. 10 aprilie 2020; 25(3): 1532-1540 doi: 10.25083/rbl/25.3/1532.1540
7. Ovidiu-Dumitru Ilie, **Roxana-Oana Cojocariu**, Alin Ciobica, Sergiu-Ioan Timofte and Bogdan Doroftei "Forecasting the spreading of COVID-19 across nine countries from Europe, Asia, and the American continent using the ARIMA models – literature overview regarding the involvement of the gastrointestinal microflora" *Microorganisms*, 30 iulie 2020, vol.8, issue 8, doi:10.3390/microorganisms8081158.
8. Bogdan Doroftei, Ovidiu-Dumitru Ilie, **Roxana-Oana Cojocariu**, Alin Ciobica, Radu Maftei, Delia Grab, Emil Anton, Jack McKenna, Nitasha Dhunna and Gabriela Simionescu "Minireview



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9. Ilie Ovidiu-Dumitru; Bolos Alexandra; Nita Ilinca-Bianca; **Cojocariu Roxana-Oana**; Balmus Ioana-Miruna; Ciobica Alin; Trus Constantin; Doroftei Bogdan“Preliminary Data on Gastrointestinal Deficiencies Incidence and the Prevalence of Anxiety During the COVID-19 Pandemic Among the Medical Workers”, *Journal of Nervous Mental Diseases*; 2 nov. 2021, ID: covidwho-1504110.

10. **Roxana Oana Cojocariu**, Alin Ciobica, Ioana – Miruna Balmus, Lucian Gorgan, Manuela Padurariu, Carol Stanciu and Anca Trifan, 2019, *EHB*, „Some mechanistical and computational aspects on the correlations that might exist between irritable bowel syndrome versus sleep patterns and disturbances”, DOI: [10.1109/EHB47216.2019.8969977](https://doi.org/10.1109/EHB47216.2019.8969977)

11. Ioana-Miruna Balmus, Alin Ciobica, **Roxana Oana Cojocariu**, Lucian Gorgan, Carol Stanciu and Anca Trifan, 2019, *EHB*, „Correlative Studies on the Biorelevance of Smoking in Gastrointestinal Irritable Bowel Syndrome-like Symptoms”, DOI: [10.1109/EHB47216.2019.8970036](https://doi.org/10.1109/EHB47216.2019.8970036)

12. Ioana-Miruna Balmus, Alin Ciobica, **Roxana Oana Cojocariu**, Lucian Gorgan, Carol Stanciu and Anca Trifan, 2019, *EHB*,” The Possible Biorelevance of Alcohol Consumption in some Gastrointestinal IBS-LikeSymptoms - Correlative Studies Based on Surveying” DOI: [10.1109/EHB47216.2019.8969914](https://doi.org/10.1109/EHB47216.2019.8969914)

13. Radu Lefter, **Roxana Oana Cojocariu**, Alin Ciobica, Ioana-Miruna Balmus, Ioannis Mavroudis, Anna Kis, *Medicina*, Feb. 2022, „Interactions between Sleep and Emotions in Humans and Animal Models”, DOI: [10.3390/medicina58020274](https://doi.org/10.3390/medicina58020274)

## II. Articole BDI publicate

1. **Roxana Oana Cojocariu**, Alin Ciobica, Daniel Timofte, 2018, „The current state of knowledge on the link between human microbiome and some neuropsychiatric disorders”, *Bulletin of Integrative Psychiatry*, Nr. 2 (77).

2. **Roxana Oana Cojocariu**, Alin Ciobica, Daniel Timofte, 2018, „The relevance of somenewbiomarkers (e.g. oxidative stress) in psychiatry as evidencedby non-invasive methods in saliva, tears, urine or feaces”, *Bulletin of Integrative Psychiatry*, Nr. 2 (77).

3. **Roxana Oana Cojocariu**, Alin Ciobica, Radu Lefter, Heba El- Lethy, Dumitru Cojocaru, Daniel Timofte, 2018, „Current Biomarkers in Irritable Bowel Syndrome”, *Academy of Romanian Scientists Annals Series on Biological Sciences*, Volume 7, No. 2, pp. 27 - 47 ISSN 2285 – 4177.

4. **Roxana Oana Cojocariu**, Mihaela Gontea, Irina Dobrin, Daniel Timofte, 2018, „The possible metabolic and psychiatric relevance for a comparative analysis of transaminases in patients with well and poorly controlled type 2 diabetes”, Bulletin of Integrative Psychiatry, Nr. 4 (79).
5. **Roxana Oana Cojocariu**, Alin Ciobica, 2019, „General Lines to Be Followed in the Ethics of Animal Models Studies for the Neuropsychiatric Disorders and Associated Manifestations”, Academy of Romanian Scientists Annals Series on Biological Sciences Volume 8, No. 1, pp. 45 - 52 ISSN 2285 – 4177
6. **Roxana Oana Cojocariu**, Ioana Miruna Balmus, Radu Lefter, Alin Ciobica „Further Studies on the Neurological Component of Irritable Bowel Syndrome. The Connections Between Parkinson’s Disease Pathology and Irritable Bowel Syndrome Manifestations”) Annals Series on BIOLOGICAL SCIENCES volume 8 2019 Number 2 ISSN 2285 – 416
7. Ioana-Miruna Balmus, **Roxana Cojocariu**, Alin Ciobică, Alina Cantemir, Cătălina Gălățanu, Carol Stanciu, Anca Trifan, Lucian Gorgan, Daniel Timofte „ Validation of romanian version of visual analogue scale for irritable bowel syndrome questionnaire (VAS-IBS)”, Bulletin of Integrative Psychiatry, March 2020, DOI: [10.36219/BPI.2020.1.08](https://doi.org/10.36219/BPI.2020.1.08)
8. Alexandrina Curpan, Stefan Strungaru, Alexandra Savuca, Ovidiu Ilie, Ciobica Alin, Daniel Timofte, **Roxana Cojocariu**, Gabriel Plavan, Mircea Nicoara, „A current perspective on the relevance of nano and microplastics in neurodevelopmental disorders: further relevance for metabolic, gastrointestinal, oxidative stress-related and zebrafish studies” Bulletin of Integrative psychiatry, sept.2020, nr.3(86), doi:10.36219/BPI.2020.3.01

### III. Participări la manifestări științifice internaționale

1. **Roxana Oana Cojocariu**, Radu Lefter, Daniela Ababei, Alin Ciobica, prezentare orală cu titlul „The relevance of cognitive deficit in an adapted animal model of IBS in mice”, 27 th European Congress of Psychiatry, Varsovia, Polonia, 6-9 aprilie, 2019
2. **Roxana Oana Cojocariu**, Miruna Balmus, Alin Ciobica, Radu Lefter, Daniela Ababei, Luminita Diana Hritcu, poster cu titlul „A synthesis on behavioural disorders in irritable bowel syndrome”, 48th Meeting of the European Brain and Behaviour Society, Praga, 21-24 septembrie 2019
3. Miruna Balmus, **Roxana Oana Cojocariu**, Alin Ciobica, Radu Lefter, Daniela Ababei, Luminita Diana Hritcu, poster cu titlul „Depressive and anxious behaviours evaluation in adapted mice model of irritable bowel syndrome”, 48th Meeting of the European Brain and Behaviour Society, Praga, 21-24 septembrie 2019.

#### IV. Participări la manifestări științifice naționale

1. **Roxana Oana Cojocariu**, Alin Ciobica, poster cu titlul "O sinteză privind posibila legătura dintre boala Alzheimer și sindromul colonului iritabil, Cea de IX-a ediție a Conferinței Naționale Alzheimer cu participare internațională, București, 20 – 23 februarie 2019.
2. **Roxana Oana Cojocariu**, Alin Ciobica, Daniela Ababei, Miruna Balmus, Radu Lefter, prezentare orală cu titlul „Preliminary Data on Some Facilitatory Effects of Camelina Extracts on Two Different Mice Model of Irritable Bowel Syndrome on Mice”, Conferința Științifică a Academiei Oamenilor de Știință din România, București, 4-6 aprilie 2019
3. **Roxana Oana Cojocariu**, Alin Ciobica , Ioana-Miruna Balmus, Samson Guenne, Anca Trifan, Carol Stanciu, Luminita Hrițcu, and Radu Lefter, prezentare orală cu titlul „Antioxidant Capacity and Behavioral Relevance of a Polyphenolic Extract of Chrysanthellum americanum in a Rat Model of Irritable Bowel Syndrome”, Zilele medicamentului, Iasi, 10-12 octombrie 2019.
4. **Roxana Oana Cojocariu**, Miruna Balmus, Alin Ciobica, Radu Lefter, Daniela Ababei, Luminita Diana Hritcu, prezentare orală cu titlul „Date preliminare privind eficiența separării neomaterne, stresul de conținție și expunere cronică la o combinație de factori stresori ușori și impredecibili într-un model complex de sindrom de colon iritabil la șoareci - evaluarea stresului oxidativ Conferința Națională Științifică Academia Oamenilor De Știință din România, Brașov, 20 - 21 septembrie 2019
5. **Roxana Oana Cojocariu**, Alin Ciobica, Ioana – Miruna Balmus, Lucian Gorgan, Manuela Padurariu, Carol Stanciu and Anca Trifan, 2019, EHB, „Some mechanistical and computational aspects on the correlations that might exist between irritable bowel syndrome versus sleep patterns and disturbances” EHB 2019 paper 47.pdf
6. Ioana-Miruna Balmus, Alin Ciobica, **Roxana Oana Cojocariu**, Lucian Gorgan, Carol Stanciu and Anca Trifan, 2019, EHB, „Correlative Studies on the Biorelevance of Smoking in Gastrointestinal Irritable Bowel Syndrome-likeSymptoms” EHB 2019 paper 43.pdf 44
7. Ioana-Miruna Balmus, Alin Ciobica, **Roxana Oana Cojocariu**, Lucian Gorgan, Carol Stanciu and Anca Trifan, 2019, EHB, ” The Possible Biorelevance of Alcohol Consumption in some Gastrointestinal IBS-LikeSymptoms - Correlative Studies Based on Surveying” EHB\_2019\_paper\_44.pdf 47
8. **Roxana Cojocariu**, Ioana-Miruna Balmuș, Radu Lefter, Daniela Ababei, Alin Ciobică, Luminița Hrițcu, prezentare orală cu titlul „Studierea deficiențelor cognitive într-un model animal pentru sindromul colonului iritabil obținut prin expunerea la stres multifactorial”, Conferința Națională a Școlilor Doctorale din Consorțiul Universitaria, Ediția a II-a, 11

noiembrie - 14 noiembrie 2019, Timișoara.

9. **Roxana Oana Cojocariu**, Ioana Miruna Balmuș, Radu Lefter, Alin Ciobica, prezentare orală cu titlul „General Aspects to Be Followed in the Ethics of Animal Models Studies for the Neuropsychiatric Disorders”, Conferința cu participare internațională Etica Cercetării și Publicării Științifice, UMF Iași, 4-5 decembrie 2019.