

LISTA DE LUCRĂRI

Sl. dr. OLGA ADRIANA CĂLIMAN-STURDZA

- 10 LUCRĂRI CONSIDERATE RELEVANTE

1. **Caliman-Sturdza, OA**; Gheorghita, R; Lobiuc, A; Filip, R.; Soldanescu, I; Mangul, S; Dimian, M. *Management of long COVID-19 in children and adolescents: from diagnosis to therapeutically approaches*. Annals of Medicine 2026, 58(1), 2642510, DOI10.1080/07853890.2026.2642510, WOS:001714149900001, IF 4,3.
2. **Caliman-Sturdza, OA**; Gheorghita, RE; Soldanescu, I; Dimian, M; Mangul, S. *Vitamin D in Infectious Diseases: A Narrative Review Focusing on COVID-19, Long COVID, and Influenza*. Nutrients 2026, 18(4), 634, DOI10.3390/nu18040634, WOS:001700986300001, IF 5,0.
3. **Caliman-Sturdza, OA**; Vaz, JA; Lupaescu, AV; Lobiuc, A; Bran, C; Gheorghita, RE. *Antioxidant and Anti-Inflammatory Activities of Probiotic Strains*. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 2026, 27(2), 1079, DOI10.3390/ijms27021079, WOS:001670630400001, IF 4,9.
4. **Caliman-Sturdza, OA**; Gheorghita, R; Baitan, MT; Filip, R. *Infectious Diseases in the Context of the War in Ukraine: Refugee Health Implications in Romania*. Healthcare 2025, 13(21), 2732, DOI10.3390/healthcare13212732, WOS:001612607300001, IF 2,7.
5. **Caliman-Sturdza, OA**; Hamamah, S; Iatcu, OC; Lobiuc, A; Bosancu, A; Covasa, M. *Microbiome and Long COVID-19: Current Evidence and Insights*. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 2025, 26(20), 10121, DOI10.3390/ijms262010120, WOS:001601711200001, IF 4,9.
6. Șoldănescu, I.; Lobiuc, A.; **Caliman-Sturdza, O.A.***; Covasa, M.; Mangul, S.; Dimian, M. *The Potential of Nanopore Technologies in Peptide and Protein Sensing for Biomarker Detection*. Biosensors 2025, 15, 540. <https://doi.org/10.3390/bios15080540>. WOS:001557895200001, * Autor corespondent. IF 5,6.
7. Naomi-Eunicia Pavai, **Olga Adriana Căliman-Sturdza***, Andrei Lobiuc, Mihai Dimian, Ioan-Ovidiu Sirbu, Mihai Covasa. *MicroRNAs in long COVID: roles, diagnostic biomarker potential and detection*. Human Genomics, 2025, 19, 90, <https://doi.org/10.1186/s40246-025-00810-0>, WOS:001549879000001, * Autor corespondent, IF 4,3.
8. **Caliman-Sturdza, O.A.**; Soldanescu, I.; Gheorghita, R.E. *SARS-CoV-2 Pneumonia: Advances in Diagnosis and Treatment*. Microorganisms 2025, 13, 1791. <https://doi.org/10.3390/microorganisms13081791>, WOS:001557971200001, IF 4,3.
9. **Caliman-Sturdza, O.A.**; Gheorghita, R.; Lobiuc, A. *Neuropsychiatric Manifestations of Long COVID-19: A Narrative Review of Clinical Aspects and Therapeutic Approaches*. Life 2025, 15, 439. <https://doi.org/10.3390/life15030439>, WOS:001453143700001, IF 3,4.



10. **Caliman-Sturdza, O.A.**; Gheorghita, R.E.; Soldanescu, I. *Vitamin D and COVID-19: Clinical Evidence and Immunological Insights*. Life 2025, 15, 733. <https://doi.org/10.3390/life15050733>, WOS:001496665100001, IF 3,4.

• **TEZA DE DOCTORAT**

“Meningita tuberculoasă la copil – considerații clinice, diagnostice, terapeutice și evolutive”, Olga-Adriana Căliman-Sturdza, coordonator științific Prof. Univ. Dr. Doina Mihalache, 2014, Universitatea de Medicină și Farmacie „Grigore T. Popa” Iași

• **BREVET DE INVENȚIE**

1. Gheorghita, R., **Căliman-Sturdza, O.A.**, Dimian, M., Soldanescu, I., Covasa, M., Lobiuc, A., Mangul, S. Capsule biopolimerice cu vitamina D₃ și procedeu de obținere. Nr. înregistrare OSIM A00399/12.09.2025.
2. Gheorghita, R., **Căliman-Sturdza, O.A.**, Dimian, M., Soldanescu, I., Covasa, M., Lobiuc, A., Mangul, S. Biopolymeric capsules containing vitamin D₃ and process for their production. Nr. înregistrare EPO 266464001.2/EP26464001/19.02.2026.

• **CAPITOLE DE CĂRȚI**

1. Olga Adriana Caliman-Sturdza. *Enterococcus and Endocarditis*. Chapter 7 - *Enterococcus* - Unveiling the Emergence of a Potent Pathogen 2024, 10.5772/intechopen.114606, ISBN 978-0-85014-352-2.
2. **Olga Adriana Caliman-Sturdza**, Andrei Cucu. *Hydrocephalus in Tuberculous Meningitis*. Chapter 3 - *Frontiers in Hydrocephalus* 2023, 10.5772/intechopen.104305, ISBN 978-1-83768-129-7.
3. Adriana Caliman-Sturdza O. Progress in the Diagnosis and Treatment of Tuberculous Meningitis [Internet]. *Developments in Tuberculosis Research and Treatment* [Working Title]. IntechOpen; 2026. <https://doi.org/10.5772/intechopen.1014269>.

• **ALTE ARTICOLE ISI**

1. **Caliman Sturdza, O.A.**; Filip, F.; Terteliu Baitan, M.; Dimian, M. *Deep Learning Network Selection and Optimized Information Fusion for Enhanced COVID-19 Detection: A Literature Review*. Diagnostics 2025, 15, 1830. <https://doi.org/10.3390/diagnostics15141830>, WOS:001535792700001, IF 3,3.
2. Valentina Amaritei, Roxana Elena Gheorghita, **Olga Adriana Caliman-Sturdza**. *Nutritional Management in Liver Cirrhosis: A Combined Systematic Review and Observational Study*. Diseases 2025, 13(9), 278, DOI10.3390/diseases13090278, WOS:001581198000001, IF 3,0.
3. **Caliman-Sturdza, OA**; Mihalache, D; Luca, CM. *Performance of an interferon-gamma release assay in the diagnosis of tuberculous meningitis in children*. Revista



Romana de Medicina de Laborator 2015, 23(2), 199-212, DOI10.1515/rrlm-2015-0016, WOS:000358512300006, IF 0,143.

4. Landete, P; **Caliman-Sturdza, OA**; Lopez-Martin, JA; Preotescu, L; Luca, MC; Kotanidou, A; Villares, P; Iglesias, SP; Guisado-Vasco, P; Saiz-Lou, EM; Farinas-Alvarez, MD; de Lucas, EM; Perez-Alba, E; Cisneros, JM; Estrada, V; Hidalgo-Tenorio, C; Poulakou, G; Torralba, M; Fortun, J; Garcia-Ocana, P; Lemaigen, A; Marcos-Martin, M; Molina, M; Paredes, R; Perez-Rodriguez, MT; Raev, D; Ryan, P; Meira, F; Gomez, J; Torres, N; Lopez-Mendoza, D; Jimeno, J; Varona, JF. *A Phase III Randomized Controlled Trial of Plitidepsin, a Marine-Derived Compound, in Hospitalized Adults With Moderate COVID-19*. Clinical Infectious Diseases 2024, 79(4), 910-919, DOI10.1093/cid/ciae227. WOS:001313077500001.
5. Gheorghita, R; Soldanescu, I; Lobiuc, A; **Sturdza, OAC**; Filip, R; Constantinescu-Bercu, A; Dimian, M; Mangul, S; Covasa, M. *The knowns and unknowns of long COVID-19: from mechanisms to therapeutical approaches*. Frontiers in Immunology 2024, 15, 1344086, DOI10.3389/fimmu.2024.1344086. WOS:001185994500001.
6. Cocuz, M.-E.; Cocuz, I.G.; Rodina, L.; Tataranu, E.; **Caliman-Sturdza, O.A.**; Filip, F. *Treatment with Remdesivir of Children with SARS-CoV-2 Infection: Experience from a Clinical Hospital in Romania*. Life 2024, 14, 410. <https://doi.org/10.3390/life14030410>. WOS:001192676500001.
7. Constantinescu-Bercu, A.; Lobiuc, A.; **Căliman-Sturdza, O.A.**; Oiță, R.C.; Iavorschi, M.; Păvăl, N.-E.; Șoldănescu, I.; Dimian, M.; Covasa, M. *Long COVID: Molecular Mechanisms and Detection Techniques*. Int. J. Mol. Sci. 2024, 25, 408. <https://doi.org/10.3390/ijms25010408>. WOS:001140603000001.
8. Filip, F.; Terteliu Baitan, M.; **Caliman Sturdza, O.A.**; Gheorghita Puscaselu, R.; Filip, R. *Spontaneous Pneumomediastinum in a 16-Year-Old Patient with SARS-CoV-2 Infection: A North-East Romanian Case*. Children 2022, 9, 1641. <https://doi.org/10.3390/children9111641>. WOS:000881025400001.
9. Kim, JY; Sandulescu, O; Preotescu, LL; Rivera-Martínez, NE; Dobryanska, M; Birlutiu, V; Miftode, EG; Gaibu, N; **Caliman-Sturdza, O**; Florescu, SA; Shi, HJ; Streinu-Cercel, A; Streinu-Cercel, A; Lee, SJ; Kim, SH; Chang, I; Bae, YJ; Suh, JH; Chung, DR; Kim, SJ; Kim, MR; Lee, SG; Park, G; Eom, JS. *A Randomized Clinical Trial of Regdanvimab in High-Risk Patients With Mild-to-Moderate Coronavirus Disease 2019*. Open Forum Infectious Diseases 2022, 9(8), ofac496, DOI10.1093/ofid/ofac406. WOS:000846931700007.
10. Lobiuc, A.; Șterbuleac, D.; **Sturdza, O.**; Dimian, M.; Covasa, M. *A Conservative Replacement in the Transmembrane Domain of SARS-CoV-2 ORF7a as a Putative Risk Factor in COVID-19*. Biology 2021, 10, 1276. <https://doi.org/10.3390/biology10121276>. WOS:000736253700001.
11. Lobiuc, A; Dimian, M; Gheorghita, R; **Sturdza, OAC**; Covasa, M. *Introduction and Characteristics of SARS-CoV-2 in North-East of Romania During the First COVID-19*



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DOI10.3389/fmicb.2021.654417. WOS:000674957500001.

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