

PhD. Student Alina Ionela STANCU
List of papers that include data from the thesis

PAPERS LIST

1. Stancu, A.I.; Mititelu, M.; Fikai, A.; Ditu, L.-M.; Buleandră, M.; Badea, I.A.; Pincu, E.; Stoian, M.C.; Brînceceanu, O.; Boldeiu, A.; et al. Comparative Evaluation of β -Cyclodextrin Inclusion Complexes with Eugenol, Eucalyptol, and Clove Essential Oil: Characterisation and Antimicrobial Activity Assessment for Pharmaceutical Applications. *Pharmaceutics* 2025, 17. <https://doi.org/10.3390/pharmaceutics17070852> (Q1, IF=5.5)
2. Stancu, A.I.; Oprea, E.; Ditu, L.M.; Fikai, A.; Ilie, C.-I.; Badea, I.A.; Buleandră, M.; Brînceceanu, O.; Ghica, M.V.; Avram, I.; et al. Development, Optimization, and Evaluation of New Gel Formulations with Cyclodextrin Complexes and Volatile Oils with Antimicrobial Activity. *Gels* 2024, 10, 645. <https://doi.org/10.3390/gels10100645> (Q1, IF=5.3).
3. Stancu, A.I.; Ditu, L.M.; Oprea, E.; Fikai, A.; Badea, I.A.; Buleandră, M.; Brînceceanu, O.; Mirea, A.G.; Voicu, S.N.; Musuc, A.M.; et al. New Antimicrobial Gels Based on Clove Essential Oil–Cyclodextrin Complex and Plant Extracts for Topical Use. *Gels* 2025, 11, 653. <https://doi.org/10.3390/gels11080653> (Q1, IF=5.3).
4. Stancu, A.-I.; Geană, E.I.; Ditu, L.-M.; Fikai, A.; Nagoda, E.; Oprea, E. Chemical Composition and Antimicrobial Activity of *Verbena officinalis* and *Aloysia citrodora* Extracts Obtained by Traditional and Laboratory Methods. *U.P.B. Sci. Bull. Ser. B* 2024, 86, 111–122. ISSN 1454–2331.

SCIENTIFIC MEETINGS ATTENDED

1. Stancu Alina Ionela, Fikai Anton, Dițu Lia-Mara, Mititelu Magdalena, Oprea Eliza, APPLICATIONS OF CHEMISTRY IN NANOSCIENCES AND BIONANOMATERIALS ENGINEERING, July 16-17, 2020, Bucharest – oral presentation