

Proiect PN-III-P2-2.1-PED-2019-2553 – contract nr. 525PED/2020

Nanoplatforma pentru compuși naturali și sintetici cu efect citotoxic sinergic (CYTOSIN)

Diseminarea rezultatelor – etapa a 2-a/2021

Articole ISI

1. S. Ioniță, D. Lincu, R.A. Mitran, L. Ziko, N.K. Sedky, M. Deaconu, A.-M. Brezoiu, C. Matei, D. Berger, Resveratrol encapsulation and release from pristine and functionalized mesoporous silica carriers. *Pharmaceutics* 2022, 14, 203, <https://doi.org/10.3390/pharmaceutics14010203>.

Teză de doctorat

Ana-Maria Claudia BREZOIU, teză de doctorat - *Dezvoltarea de sisteme cu eliberare controlată pentru valorificarea unor compuși naturali*, cond. științific Prof. Daniela BERGER - UPB, teză susținută în decembrie 2021.

Prezentări la conferințe

1. M. Deaconu, S. Ioniță, A.M. Brezoiu, R.A. Mitran, E. Vasile, M.G. Moiescu, C. Matei, D. Berger, Marine-origin sulphated polysaccharide used as adjuvant for cancer therapy, 6th Green & Sustainable Chemistry Conference – noiembrie prezentare orală
2. S. Ioniță, M. Deaconu, D. Lincu, A.M. Brezoiu, R.A. Mitran, C. Matei, D. Berger, Polysaccharide Coated Mesoporous Silica for Drug Delivery Applications, International Symposium “Priorities of Chemistry for a Sustainable Development” PRIOCHEM – XVII-th Edition - prezentare orală
3. A.M. Brezoiu, A.M. Prelipcean, L. Micle, M.G. Moiescu, M. Deaconu, C. Matei, D. Berger, Design of Nanoplatforms for Targeted Delivery of Irinotecan, International Symposium “Priorities of Chemistry for a Sustainable Development” PRIOCHEM – XVII-th Edition - prezentare orală
4. S. Ioniță, D. Lincu, M. Deaconu, A.M. Brezoiu, R.A. Mitran, C. Matei, D. Berger, Mesoporous silica-based nanocomposites for targeted delivery of chemotherapeutic agents, 14th ECerS Conference for Young Scientists in Ceramics, Novi Sad, Serbia - prezentare orală
5. M. Deaconu, A.M. Prelipcean, M. Prundeanu, A.M. Brezoiu, R.A. Mitran, E. Anton, G. Grădișteanu-Pircalabioru, C. Matei, D. Berger, A wound care strategy from marine resources. Antibacterial collagen-based biocomposites, 6th Green & Sustainable Chemistry Conference - prezentare orală
6. M.G. Moiescu, V.L. Calin, M. Mihailescu, N. Tarba, A.M. Sandu, E. Scarlat, T. Savopol, Evaluation of Dynamic Cell Response to Electroporation by Means of Digital Holographic Microscopy, S3-O-04, XXVIth International Symposium on Bioelectrochemistry and Bioenergetics of the Bioelectrochemical Society - prezentare orală
7. I. Tivig, M.G. Moiescu, E. Kovacs, T. Savopol, Changes in the Packing of Bilayer Lipids triggered by Electroporation, S3-O-08, XXVIth International Symposium on Bioelectrochemistry and Bioenergetics of the Bioelectrochemical Society - prezentare orală
8. A. Klimko, M.B. Matei, C.O. Matei, T. Savopol, M.G. Moiescu, Evaluation of Electrochemotherapy Efficacy on a 3D Spheroid Neuroblastoma/Monocyte Co-Culture Model, S3-P-02, XXVIth International Symposium on Bioelectrochemistry and Bioenergetics of the Bioelectrochemical Society - prezentare poster