

Dissemination of results – stage I

Conferences

1. **Daniela BERGER**, M. Deaconu, A.M. Brezoiu, S. Ioniță, D. Lincu, R.A. Mitran, M. Moiescu, C. Matei, Exploration of the nanoconfinement effect into mesopores of silica-type materials for biomedical applications, 20th International Balkan Workshop on Applied Physics and Materials Science, July 12-15 2022, Constanta, Romania (invited lecture)
2. **Ana-Maria Brezoiu**, Mihaela Deaconu, Adrian Costache, Cristian Matei, Daniela Berger, Factorial Design of Polyphenols Extraction from Berries with Antioxidant Properties, 22nd Romanian International Conference on Chemistry and Chemical Engineering, Sinaia, România - September 7 – 9, 2022 (oral presentation)
3. **Mihaela Deaconu**, Ana-Maria Brezoiu, Ana-Maria Prelipcean, Raul-Augustin Mitran, Gabriela Isopencu, Daniel Lincu, Gratiela Gradisteanu-Pircalabioru, Cristian Matei, Daniela Berger, Exploiting natural compounds potential to aid wound healing, The 3rd Advances in Green Chemistry Conference, September 26-30, 2022, Poznan, Poland (oral presentation)
4. **Ana-Maria Brezoiu**, Mihaela Deaconu, Raul-Augustin Mitran, Corina Danciu, Cristian Matei, Daniela Berger, Embedding polyphenols extracts from berries with beneficial properties in mesoporous silica-type supports, International Chemical Engineering and Material Symposium, SICHEM 2022, November 17-18th 2022, Bucharest, Romania, Section D – Green applied chemistry and agro-resources valorization (oral presentation)

ISI Papers

1. A.Dumbrava, C. Matei, A. Diacon, F. Moscalu, D. Berger, Novel ZnO-biochar nanocomposites obtained by hydrothermal method in extracts of *Ulva lactuca* collected from Black Sea, *Ceramics International* 2022 (Q1), doi.org/10.1016/j.ceramint.2022.11.178.
2. M. Deaconu, A.M. Prelicean, A. M. Brezoiu, R.A. Mitran, G. Isopencu, C. Matei, D. Berger, Novel collage-polyphenol-loaded silica composites for topical applications – trimis la Pharmaceutics.