

# LISTA PUBLICAȚIILOR REZULTATE ÎN URMA CERCETĂRII ȘTIINȚIFICE DIN PROGRAMUL DE STUDII DOCTORALE

Nume: **Cibotaru**

Prenume: **Sandu**

1. **Lucrări publicate** – în reviste cotate ISI (Web of Science cu factor de impact):
  - a. **Sandu Cibotaru**, Andreea-Isabela Sandu, Dalila Belei, Luminita Marin, Water soluble PEGylated phenothiazines as valuable building blocks for bio-materials. *Mater Sci Eng C Mater Biol Appl.* **2020**, 116, 111216. doi: 10.1016/j.msec.2020.111216 (**IF: 8,457**);
  - b. **Sandu Cibotaru**, Valentin Nastasa, Andreea-Isabela Sandu, Andra-Cristina Bostanaru, Mihai Mares, Luminita Marin, PEGylation of phenothiazine - A synthetic route towards potent anticancer drugs. *J Adv Res.* **2021**, 37, 279-290. doi: 10.1016/j.jare.2021.07.003 (**IF: 12,822**);
  - c. **Sandu Cibotaru**, Alina Nicolescu, Luminita Marin, Dynamic PEGylated phenothiazine imines. Synthesis, photophysical behavior and reversible luminescence switching in response to external stimuli, *J. Photochem. Photobiol. A Chem.*, **2022**, 114282. doi: 10.1016/j.jphotochem.2022.114282 (**IF: 5,141**);
  - d. **Sandu Cibotaru**, Daniela Ailincăi, Bianca Iustina Andreica, Xinjian Cheng, Luminita Marin, Imine-chitosan xerogels for mercury recovery, *Gels*, - under review.
  
2. **Lucrări publicate** - în volume ale conferințelor
  - a. **Sandu Cibotaru**, Andreea-Isabela Sandu, Dalila Belei, Luminita Marin, Water Soluble PEGylated Phenothiazines. Synthesis, Characterization and Antitumor Properties, *First International Conference on "Green" Polymer Materials*, **2020**;
  - b. **Sandu Cibotaru**, Valentin Nastasa, Andreea-Isabela Sandu, Andra-Cristina Bostanaru, Mihai Mares, Luminita Marin, PEG-ylated Phenothiazine Derivatives. Synthesis and Antitumor Activity, *IFMBE 87 Proceedings*, **2021**.
  
3. **Comunicări la conferințe naționale sau internaționale:**
  - a. **Sandu Cibotaru**, Valentin Nastasa, Andreea-Isabela Sandu, Andra-Cristina Bostanaru, Mihai Mares, Luminita Marin, PEG-ylated Phenothiazine Derivatives. Synthesis and Antitumor Activity, *5th International Conference on Nanotechnologies and Biomedical Engineering (ICNBME)*, **2021**, Chișinău, Republica Moldova – *Invited speaker*;
  - b. **Sandu Cibotaru**, Luminita Marin, Novel Luminescent Phenothiazine Derivatives for Biological Applications, *ICMPP – Open Door To The Future, Scientific Communications Of Young Researchers (MacroYouth)*, **2021**, Iași, România;

- c. **Sandu Cibotaru**, Valentin Nastasa, Andreea-Isabela Sandu, Andra-Cristina Bostanaru, Mihai Mares, Luminita Marin, New PEGylated phenothiazine derivatives with tumor growth inhibition properties, *XXXII<sup>nd</sup> edition of the International Congress of "Apollonia" University of Iasi*, **2022**, Iași, România;
- d. **Sandu Cibotaru**, Daniela Ailincăi, Alexandru Anisie, Luminita Marin, Bandages based on chitosan nanofibers for burn healing applications, *12th International Conference On Materials Science & Engineering (BRAMAT)*, **2022**, Brașov, România;
- e. **Sandu Cibotaru**, Valentin Nastasa, Andreea-Isabela Sandu, Andra-Cristina Bostanaru, Mihai Mares, Luminita Marin, PEGylated phenothiazine derivatives with potent antitumor activity, *EPF European Polymer Congress*, **2022**, Praga, Republica Cehă.
- f. **Sandu Cibotaru**, Andreea-Isabela Sandu, Dalila Belei, Luminita Marin, PEGylated phenothiazine as water soluble building blocks for biomaterials, *5th International Conference on Chemical Engineering*, **2020**, Iași România;
- g. **Sandu Cibotaru**, Andreea-Isabela Sandu, Dalila Belei, Luminita Marin, Water soluble PEGylated phenothiazines. Synthesis, characterization and antitumor properties, *E-conference "The First International Conference on "Green" Polymer Materials*, **2020**;
- h. **Sandu Cibotaru**, Daniela Ailincăi, Alexandru Anisie, Luminita Marin, Drug delivery systems based on imino-chitosan nanofibers for burn healing applications, *EPF European Polymer Congress*, **2022**, Praga, Republica Cehă.

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