



EXPERIENȚA PROFESIONALĂ

31/05/2019 - ÎN CURS Iasi, România

Asistent de cercetare Institutul de Chimie Macromoleculara "Petru Poni"

EDUCAȚIE ȘI FORMARE PROFESIONALĂ

30/09/2018 - 31/05/2019 Iași, România

Stagiu de voluntariat Institutul de Chimie Macromoleculară "Petru Poni"

30/09/2018 - 02/07/2020 Iași, România

Master Facultatea de Chimie, Universitatea "Alexandru Ioan Cuza"

Specializare: Chimia produselor cosmetice și farmaceutice

30/09/2015 - 06/07/2018 Iași, România

Licență Facultatea de Chimie, Universitatea "Alexandru Ioan Cuza"

Specializare: Chimie medicală

10/2020 - ÎN CURS Iași, România

Doctorand Institutul de Chimie Macromoleculară "Petru Poni"

Domeniu de studiu Chimie

COMPETENȚE LINGVISTICE

LIMBĂ(I) MATERNĂ(E): română

Altă limbă (Alte limbi):

engleză

Comprehensiune orală B2

Citit B2

Scris B2

Exprimare scrisă B2

Conversație B2

Niveluri: A1 și A2 Utilizator de bază B1 și B2 Utilizator independent C1 și C2 Utilizator experimentat

COMPETENȚE DIGITALE

Origin lab - nivel intermediar | Microsoft Office: Word, Excel, Power Point, Outlook | Grafică structurală: ChemDraw | Utilizare a programelor de comunicare (Mail, Google Meet, Zoom, Skype) | O foarte bună stăpânire a utilizării internetului, motoarelor de căutare, rețelelor de socializare

INFORMAȚII SUPLIMENTARE

Conferințe și seminare

Participări la sesiuni științifice naționale și internaționale
• **Comunicări orale**

1. **Anisie, A.**, Rosca, I., Marin, L., (2020) Iminoboronate-chitosan nanofibers with antimicrobial activity for burn wound healing applications, Open door to the future scientific communications of young researchers MacroYouth, Iasi, Romania.

Alexandru Anisie

Data nașterii: 24/07/1996

Cetățenie: română

CONTACT

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(+40) 0742656925

2. **Anisiei, A.**, Rosca, I., Marin, L., (2020) Functionalized chitosan nanofibers with enhanced antimicrobial activity for burn wound healing applications The First International Conference on "Green" Polymer Materials .

3. **Anisiei, A.**, Rosca, I., Sandu, A.-I., Bele, A., Marin, L., (2021) Biodegradable imino-chitosan nanofibers as wound dressing materials macroyouth Open door to the future scientific communications of young researchers MacroYouth Second Edition Iasi, Romania.

4. **Anisiei, A.**, Andreica, B.-I., Marin, L., (2022) Chitosan based nanofibers for wound dressing applications XXXIInd edition of the International Congress of "Apollonia" University of Iasi, , Iasi, România.

5. **Anisiei, A.**, Andreica, B.-I., Marin, L., (2022) Biodegradable chitosan/quaternized chitosan nanofibers as wound dressings 12th International Conference On Materials Science & Engineering (BRAMAT), Braşov, România.

6. Cibotaru S., Ailincăi D., **Anisiei A.**, Marin L., (2022) Bandages based on chitosan nanofibers for burn healing applications, 12th International Conference on Materials Science and Engineering, Brasov, Romania.

7. Marin L., Ailincăi D., Iftime M.-M., Craciun A.-M., Bejan A., **Anisiei A.**, Andreica B.-I., (2022) Chitosan imination: an opportunity towards biomaterials with broad application spectrum, 7th International Congress on Biomaterials and Biosensors (BIOMATSEN 2022), Muğla, Turkey.

8. Marin L., Ailincăi D., Cibotaru S., **Anisiei A.**, Rosca I., Mititelu-Tartau L., (2022) Biodegradable chitosan based nanofibers with broad spectrum antimicrobial activity for wound healing applications, EPF European Polymer Federation 2022, Prague, Czech Republic.

9. **Anisiei A.**, Bejan A., Marin L., (2023) Copper oxide nanoparticle-doped nanofiber mats for effective air filtration, 8th EPNOE International Polysaccharides Conference, Graz, Austria.

• *Prezentare de postere*

1. **Anisiei, A.**, Andreica, B.-I., Marin, L., (2022) Electrospinning of chitosan/quaternary salts of chitosan nanofibers for biomedical application. EPF European Polymer Congress, Praga, Republica Cehă.

2. **Anisiei, A.**, Rosca, I., Sandu, A.-I., Bele, A., Marin, L., (2022) Imination of chitosan fibers towards potential antimicrobial wound dressings EPF European Polymer Congress, Praga, Republica Cehă.

3. Lungu R., **Anisiei A.**, Rosca I., Sandu A.-I., Ailincăi D., Marin L., (2021) Double-functionalized chitosan nanofibers for wound healing, Progress in Organic and Macromolecular Compounds, 28th Edition, Iasi, Romania

4. Cibotaru S., Ailincăi D., **Anisiei A.**, Marin L., (2022) Drug delivery systems based on imino-chitosan nanofibers for burn healing applications, EPF European Polymer Federation 2022, Prague, Czech Republic.

- **Competențe de comunicare și interpersonale** Bune abilități de comunicare și spirit de echipă.

Publicații

- **Lucrări publicate în reviste cotate ISI**

1. Lungu, R., Anisie, A., Rosca, I., Sandu, A.-I., Ailincăi, D., & Marin, L. (2021). Double functionalization of chitosan based nanofibers towards biomaterials for wound healing. *Reactive and Functional Polymers*, 167, 105028. <https://doi.org/10.1016/j.reactfunctpolym.2021.105028> **F.I. = 5.1**
 2. Serbezeanu, D., Vlad-Bubulac, T., Onofrei, M. D., Doroftei, F., Hamciuc, C., Ipate, A.-M., Anisie, A., Lisa, G., Anghel, I., Șofran, I.-E., & Popescu, V. (2022). Phosphorylated Poly(vinyl alcohol) Electrospun Mats for Protective Equipment Applications. *Nanomaterials*, 12(15), 2685. <https://doi.org/10.3390/nano12152685> **F.I. = 5.3**
 3. Anisie, A., Rosca, I., Sandu, A.-I., Bele, A., Cheng, X., & Marin, L. (2022) Imination of Microporous Chitosan Fibers—A Route to Biomaterials with “On Demand” Antimicrobial Activity and Biodegradation for Wound Dressings. *Pharmaceutics*, 14(1), 117. <https://doi.org/10.3390/pharmaceutics14010117> **F.I. = 5.4**
 4. Anisie, A., Oancea, F. & Marin, L. (2023) Electrospinning of chitosan-based nanofibers: from design to prospective applications. *Reviews in Chemical Engineering* 39 (1), 31-70. <https://doi.org/10.1515/revce-2021-0003> **F.I. = 4.7**
 5. Anisie, A., Andreica, B.-I., Mititelu-Tartau, L., Coman, G. C., Bilyy, R., Bila, G., Rosca, I., Sandu, A.-I., Amler, E. & Marin, L. (2023) Biodegradable trimethyl chitosan nanofiber mats by electrospinning as bioabsorbable dressings for wound closure and healing. *International Journal of Biological Macromolecules* 249, 126056, <https://doi.org/10.1016/j.ijbiomac.2023.126056> **F.I. = 8.2**
 6. Ailincăi, D., Cibotaru, S., Anisie, A., Coman, C. G., Pasca, A. S., Rosca, I., ... & Marin, L. (2023). Mesoporous chitosan nanofibers loaded with norfloxacin and coated with phenylboronic acid perform as bioabsorbable active dressings to accelerate the healing of burn wounds. *Carbohydrate Polymers*, 121135. [10.1016/j.carbpol.2023.121135](https://doi.org/10.1016/j.carbpol.2023.121135) **F.I. = 11.2**
 7. Andreica, B.-I., Anisie, A., Rosca, I., Sandu, A.-I., Pasca, A. S., Tartau, L. M., & Marin, L. (2023). Quaternized chitosan/chitosan nanofibrous mats: An approach toward bioactive materials for tissue engineering and regenerative medicine. *Carbohydrate Polymers*, 302, 120431. <https://doi.org/10.1016/j.carbpol.2022.120431> **F.I. = 11.2**
 8. Marin, L., Andreica, B.-I., Anisie, A., Cibotaru, S., Bardosova, M., Materon, E. M., & Oliveira, O. N. (2023). Quaternized chitosan (nano)fibers: A journey from preparation to high performance applications. *International Journal of Biological Macromolecules*, 242, 125136. <https://doi.org/10.1016/j.ijbiomac.2023.125136> **F.I. = 8.2**
 9. Andreica, B.-I., Anisie, A., Iftime, M., Ababei, R.-V., Ochiuz, L., Vasincu, D., Vasilache, I.-A., Volovat, C., Boboc D., Poroach, V., Eva, L., Agop, M., Scripcariu, D.-V., Volovat S.R., Swelling and biodegradation profile of chitosan/quaternized chitosan nanofibers in media mimicking wound exudate. A theoretical model – experimental approach, *Pharmaceutics* - trimis spre publicare **F.I. = 8.2**
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