

Participation to international conferences

- **Oral presentation**

1. **Popescu S.**, Dumitriu C., Pirvu C. *Synthesis and Characterization of Biocompatible Coatings with Entrapped Nanoceria Particles*” Romanian International Conference on Chemistry and Chemical Engineering RICCCE 20, Poiana Brasov, Romania, 6-9 septembrie **2017**.
2. **Popescu S.**, Dumitriu C. Pirvu C. Ungureanu C. *Electrodeposited silk coatings on titanium with entrapped active agents–International Conference on Materials Sciences and Nanomaterials (ICMSN 2017)*, la Barcelona, Spania 14-16 iulie **2017**- premiul **Best oral presentation**
3. **Popescu S.**, Pirvu C., Dumitriu C., Cimpean A. *Bioinspired Functionalization of Ti Surface With Natural Active Agents* The 2nd International Conference on Smart Materials Technologies (ICSMT 2017) » St.Petersburg, Rusia, 19-21 mai **2017**.
4. **Popescu S.**, Dumitriu C., Ungureanu C., Ion R., Pirvu C. *New Coatings Based On TiO₂/CeO₂NP for Enhanced Osseointegration and Antibacterial Effect* Romanian International Conference on Chemistry and Chemical Engineering (RICCCE 19), Sibiu, Romania, 2-5 Septembrie, **2015**.
5. **Popescu S.**, Ungureanu C., Pirvu C., *Improving the adherence properties of PPy films via self-polymerized dopamine thin layer* Romanian International Conference on Chemistry and Chemical Engineering (RICCCE 18), Sinaia, Romania, 4-7 Septembrie, **2013**.
6. **Popescu S.**, Manole C., Pirvu C., *Deposition of multifunctional nanostructured films with nanoparticles by electrochemical surface plasmon resonance* Romanian International Conference on Chemistry and Chemical Engineering (RICCCE 17), Sinaia, Romania, 7-10 Septembrie **2011**.
7. **Popescu S.**, Pirvu C., Stoian A.B., *Monitoring elaboration conditions of new nanostructured coatings based on polypyrrole* 4th International Conference on "Biomaterials, Tissue Engineering & Medical Devices (BiomMedD'2010), Sinaia, Romania, 23-25 septembrie **2010**.
8. **Popescu S.**, Pirvu C., Mindroiu M., Manole C., Demetrescu I. *Electrochemical synthesis and characterization of Ti modified electrodes with polypyrrole – polyethylene glycol hybrid coating* Romanian International Conference on Chemistry and Chemical Engineering (RICCCE 16) in cadrul Workshopului “Electrochemistry and physical chemical methods in serving materials for sustainable development”, Sinaia, Romania 9-12 Septembrie, **2009**.
9. **Popescu S.**, Demetrescu I., Gleizes A.N. *Preparation and characterization of MOCVD-fabricated TiO₂: thin films deposited on titanium for biomedical applications* Romanian

International Conference on Chemistry and Chemical Engineering (RICCCE 15), Sinaia, Romania, 22-24 Septembrie, **2007**.

10. **Popescu S.**, Demetrescu I., Mitran V., Gleizes A.N. *MOCVD-fabricated TiO₂ thin films: influence of growth conditions on fibroblast cells culture* 9th International Conferences on Frontiers of Polymers and Advanced Materials (9th ICFPAM), Cracovia, Polonia, 8-12 July, **2007**.
11. **Popescu S.**, Zgirian R., Demetrescu I. *Various Approaches in Enhancing Biocompatibility of Metallic Implant Materials*, 13th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE 13), Bucuresti, Romania. 16-18 Septembrie, **2003**.

Poster presentation:

1. **S. Popescu**, C. Pirvu, C. Dumitriu, C. Ungureanu *Bioactivation of Titanium Surface with Coatings Based on Cerium Oxide Nanoparticles* 11th International Conference on Surfaces, Coatings and Nanostructured Materials (NANOSMAT) Aveiro, Portugalia, 6-9 septembrie **2016**.
2. **Popescu S.**, Pirvu C., Ungureanu C., *Electrochemical deposition of PPy film on Ti substrate through self-polymerized dopamine thin layer* 3rd International Conference on Multifunctional, Hybrid and Nanomaterials, Sorrento, Italy 3-7 March, **2013**.
3. **Popescu S.**, Stoian A.B., Pirvu C. *Electrochemical aspects on wettability changes during PPy/PEG film deposition on Ti surface* "XIV Iberic Meeting of Electrochemistry & XVII Meeting of the Portuguese Electrochemical Society Madeira, Portugalia, 11-14 April, **2012**.
4. **Popescu S.**, Pirvu C., Mindroiu M., Demetrescu I. *Enhancing the stability of polypyrrole film on titanium substrate by PEG incorporation*, 10th International Conference on Frontiers of Polymers and Advanced Materials (ICFPAM) Santiago, Chile, 28 September - 2 October **2009**.
5. **Popescu S.**, Morega A., Demetrescu I., *Correlation between metallic materials surface preparation and biocompatibility* International Conference on Structural Analysis of Advanced Materials (ICSAM 2005), Bucuresti, Romania, 15- 17 Septembrie, **2005**.
6. **Popescu S.**, Sarantopoulos C., Lesage A., Grosjean C., Iordachescu D. *Effect of MOCVD and Collagen Treatment on Titanium Biocompatibility in Buffer Solution* International Workshop of 14th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE 14), Bucuresti, Romania, 22-24 Septembrie, **2005**.
7. **Popescu S.**, Iordachescu D., Popescu B., Ionita D., Demetrescu I. *Aspects of Biocompatibility of Various Thin films on Titanium Surface*. European Cells and Materials (ECM V), ISSN 1473-2262, Vol. 7. Suppl. 1, pag. 79, Davos, Elvetia, 28-30 June, **2004**.