

### **-P1-**

- 1) 3D Cell Culture 2012 DECHEMA, 13-17.03.2012, Zurich, Elvetia:
  - **Sorina Dinescu**, Bianca Galateanu, Oana Calciu, Madalina Albu, Anisoara Cimpean, Marieta Costache, 2012- Cell viability and adipogenic differentiation assessment in collagen-sericin-based 3D culture systems (poster)
  - **Bianca Galateanu**, Sorina Dinescu, Izabela Stancu, Adriana Lungu, Oana Andreea Calciu, Anisoara Cimpean and Marieta Costache, 2012- New porous interpenetrating polymeric network designed for adipose-derived stem cells 3D culture (poster)
  
- 2) Al 4-lea Congres si a 30-a Sesiune Stiintifica Anuala a Societatii Romane de Biologie Celulara (SRBC), 13-17.06.2012, Satu Mare (Romania)- Debrecen (Ungaria):
  - **Sorina Dinescu**, Rebeca Gustin, Bianca Galateanu, Madalina Albu, Anisoara Cimpean, Marieta Costache, 2012- Late adipogenic marker perilipin expression proves hADSC's differentiation potential (prezentare orala si poster)
  - **Bianca Galateanu**, Rebeca Gustin, Sorina Dinescu, Oana Calciu, Anisoara Cimpean, Marieta Costache, 2012- PPAR $\gamma$ 2 enhances adipogenesis in 2D and 3D culture systems (poster)
  
- 3) 22 IUMBM and 37th FEBS Congress "From Single Molecules to Systems Biology", 04-10.09.2012, Sevilla, Spania:
  - **Sorina Dinescu**, Bianca Galateanu, Rebeca Gustin, Madalina Albu, Anisoara Cimpean, Marieta Costache, 2012- Collagen-sericin 3D scaffold enhances adipogenic differentiation of hADSCs (poster)

### **-P2-**

- 1) 5th International Conference "Biomaterials, Tissue Engineering & Medical Devices" Conference, 29 august-1septembrie 2012 cu prezentarea unui poster in colaborare cu partenerul P3:
  - M.G. Albu, A. Lungu, **I. Titorencu**, I.C. Stancu, E. Vasile, V. Pruna, H. Iovu "Collagen-sericin-hydroxyapatite composites for bone tissue engineering",

### **-P3-**

- 1) 9<sup>th</sup> World Biomaterials Congress (WBC), 1-5 iunie 2012, Chengdu, China

- 2) 5<sup>th</sup> International Conference “Biomaterials, Tissue Engineering & Medical Devices” BiomMedD’2012, 29 august – 1 septembrie 2012, Constanta, Romania;
- 3) 6<sup>th</sup> International Meeting on Molecular Electronic, 02-07.12.2012, Grenoble, Franta

**-P4-**

- 1) 63rd Annual Meeting of the International Society of Electrochemistry Praga
  - **Mirela Dilea**, Daniela Ionita and Ioana Demetrescu, *Electrochemical Deposition of Organic – Inorganic Coating on Ti6Al4Zr for Medical Application.*
  - **Anca Mazare**, Daniela Ionita, Ioana Demetrescu, *Influence of anodizing conditions on morphology and stability of Ti6Al7Nb TiO<sub>2</sub> nanotubes obtained in organic electrolytes.*
  - **Sabina Grigorescu, Camelia Ungureanu**, Ioana Demetrescu, Patrick Schmuki *Antibacterial Activity of TiO<sub>2</sub> Nanotubes Formed Via Anodizing in Two Steps on TiZr Surface.*
  - **Camelia Ungureanu**, Daniela Ionita, Madalina Caposi, Ioana Demetrescu, *Corrosion aspect of TiNi in oral cavity.*
  - **Mihaela Mindroiu**, Cristian Pirvu, Ioana Demetrescu, *The apatite formation in SBF solution on TiAlNb alloys after surface modification with laser ablation.*
  - **Claudiu Constantin Manole**, Cristian Pirvu, Francis Maury, Ioana Demetrescu, *Hybrid organic/inorganic thin film of TiO<sub>2</sub>/PPy grown through a single-step electrochemical process*
  - **Andrei Bogdan Stoian**, Daniela Ionita, Mirela Dilea, Anca Mazare, Mihaela Mindroiu, Cristian Pirvu, Camelia Ungureanu, *Processing implant metal alloy for a better antibacterial activity*
- 2) XIV IME & XVII MPES Electrochemistry&Meeting of the Portuguese Electrochemical Society, 11-14 aprilie 2012, Funchal, Portugalia
  - **M. Dilea**, A. Mazare, D. Ionita and I. Demetrescu, “IMPLANT DENTAL ALLOYS STABILITY AS A FUNCTION OF ORAL ENVIRONMENT”.(POSTER )
  - **A. Mazare**, M. Dilea, D. Ioniță, I. Demetrescu, *Prezentare orală: Influence of anodizing conditions and morphology on the electrochemical behaviour of Ti6Al7Nb TiO<sub>2</sub> nanotubes XIV*
- 3) BiomMedD’12, 28 august-1septembrie 2012, Constanța, România
  - **A. Mazăre**, M. Dilea, D. Ioniță, I. Demetrescu, *Prezentare orală: About stability in simulated body fluid of controlled diameter TIO<sub>2</sub> nanotubes*, International Conference "Biomaterials, Tissue Engineering & Medical Devices "BiomMedD'2012, 29 august- 01 septembrie 2012, Constanța, România
  - **M. Dilea**, D. Ionita, C. Ungureanu and I. Demetrescu, *Performance of CoCrMo alloy coated with hydroxyapatite and/or silver nanoparticles*, International Conference "Biomaterials, Tissue Engineering & Medical Devices "BiomMedD'2012, 29 august- 01 septembrie 2012, Constanța, România
- 4) Nanomaterials for Biomedical Technologies 2012, 6 – 7 martie 2012, Frankfurt, Germania.

- **A. Mazare**, M. Dilea, D. Ioniță, *Characterization of thermal treated TiO<sub>2</sub> nanotubes on TiAlNb*, NANOBIO MED 2012: Third Regional Symposium on Electrochemistry South-East Europe, 13-17 mai, 2012 Bucharest, ROMANIA.
- **A. Mazare**, M. Dilea, D. Ionita, I. Demetrescu, *Prezentare orala: Cristallinity influence on the behaviour of tio<sub>2</sub> nanotubes obtained on TI6AL7NB.*

**-P5-**

- 1) 2<sup>nd</sup> International Advances in Applied Physics & Materials Science Congress
- **M. Popa**, E. Vasilescu, P. Drob, J. M. Calderon Moreno, C. Vasilescu, **S. I. Drob** *Behaviour of some biocompatible coatings in physiological fluids*, Book of Abstracts APMAS 2012, Turkey, Paper No 181, pag. 126.

**-P6-**

- 1) International conference on competitive materials and technology processes / Miskolc-Lillafüred, Hungary, October 8-12, 2012:
  - **V. Simon**, R. Ciceo-Lucacel, S. Cavalu, *Surface structure and corrosion properties of calcium-phosphate glasses and vitroceramics in simulated body fluids*
- 2) NanoFormulation 2012 Conference, Barcelona, Spain, 28 May - 1 June 2012
  - **M. Tamasan**, V. Simon, *Thermal and structural characterization of montmorillonite – poly(vinyl alcohol) nanocomposites for biomedical applications*
- 3) EUCMOS 2012- 31-st European Congress on Molecular Spectroscopy, Cluj-Napoca, Romania, August 26-31, 2012
  - **M. Tămășan**, T. Radu, L. Țârle, V. Simon *Spectroscopic investigations of protein attachment on the surface of montmorillonite – poly(vinyl alcohol) nanocomposites*
- 4) 3rd TERMIS World Congress 2012; Tissue Engineering and Regenerative Medicine Vienna - Austria, September 5 - 8, 2012,
  - **E. Vanea**, C. Morar, S. Cavalu, V. Simon, *Insulin entrapment and release from zinc silica microparticles*

**-P7-**

- 1) Materials Science and Engineering Congress, 25 - 27 Sept. 2012 Darmstadt, Germany  
 “New method to control the morphology of ionically crosslinked alginate hydrogels for soft tissue regeneration”