



YSF Rapid Fire Presentations - Best Poster Competition

October, 15th Saturday 14:15 – 15:30

Session Chair: Karol Gryń (YSF Representative)

Paulina Trzaskowska, Małgorzata Piechna, Tomasz Ciach

Electropolymerized Polymer Coatings for Stainless Steel

Poster No. **2** [Engineering of Biomaterials 138 (2016) **98**]

Agnieszka Stróż, Thomas Luxbacher, Bożena Łosiewicz, Grzegorz Dercz, Tomasz Goryczka

Bioelectrochemical Properties of Ti13Nb13Zr Alloy Before and After Surface Modification

Poster No. **3** [Engineering of Biomaterials 138 (2016) **50**]

Krzysztof Jastrzębski, Justyna Paradowska, Aleksandra Jastrzębska, Dorota Bociąga

Evaluation of Corrosion Resistance of Magnetron Sputtered Doped DLC Coatings with Use of Salt Spray Technique

Poster No. **6** [Engineering of Biomaterials 138 (2016) **104**]

Lidia Świątek, Jacek Grabarczyk

The Influence of Modification of Metallic Medical Implants Coated Multi-Doped Carbon Layers (DLC, DLC-Si and DLC-Si/Ag) on Changes on the Implants Surface as a Result of Implant - Bone Contact Considering Orthopedic Screws

Poster No. **7** [Engineering of Biomaterials 138 (2016) **36**]

Anna Olejnik, Anna Sobczyk-Guzenda, Lidia Świątek, Krzysztof Jastrzębski, Dorota Bociąga

Biological Evaluation and Surface Properties of Ti-DLC Coatings Deposited by Magnetron Sputtering

Poster No. **11** [Engineering of Biomaterials 138 (2016) **105**]

Maciej Trzaskowski, Tomasz Ciach

Preparation of Functionalized Graphene Oxide Coatings on Gold

Poster No. **12** [Engineering of Biomaterials 138 (2016) **88**]

Amanda Bartkowiak, Katarzyna Suchanek, Arkadiusz Zarzycki, Barbara Szaraniec, Marta Marszałek

Bioactive Silica Enriched HAp Coating on Titanium with Nanopatterned TiO₂ Intermediate Layer

Poster No. **13** [Engineering of Biomaterials 138 (2016) **103**]

Magdalena Szklarska, Grzegorz Dercz, Bożena Łosiewicz, Danuta Stróż

Bioactive Coatings Obtained by Electrophoretic Deposition on Ti15Mo Alloy

Poster No. **14** [Engineering of Biomaterials 138 (2016) **35**]

Aleksandra Jastrzębska, Witold Jakubowski, Bogdan Walkowiak

Anodized TiO₂ Coatings Resistant to Microbial Colonization

Poster No. **16** [Engineering of Biomaterials 138 (2016) **82**]

Martina Trávníčková, Elena Filova, Miroslav Jelinek, Tomas Kocourek, Lucie Bacakova

The Growth of SAOS-2 Cells on DLC Layers Doped with Titanium

Poster No. **20** [Engineering of Biomaterials 138 (2016) **67**]

Katarzyna Krukiewicz, Magdalena Cichy, Roman Turczyn, Tomasz Jarosz, Jerzy K. Żak, Barbara Bednarczyk-Cwynar, Piotr Ruszkowski

Cytotoxic Surfaces for Regional Chemotherapy

Poster No. **24** [Engineering of Biomaterials 138 (2016) **79**]



Jakub Marchewka, Jadwiga Laska

Designing and Preparing by FDM 3D Printing of Polymeric Scaffolds with Potential Application in Tissue Engineering

Poster No. **26** [Engineering of Biomaterials 138 (2016) **37**]

Magdalena Tomanik, Magdalena Kobielarz, Arkadiusz Antończak, Jarosław Filipiak, Celina Pezowicz

The Influence of Poly(L-lactide) Surface Modification by CO₂ and Excimer Lasers on Mechanical Properties

Poster No. **28** [Engineering of Biomaterials 138 (2016) **97**]

Klaudia Król, Kinga Pielichowska

Polyoxymethylene Homo- and Copolymer Composites Stabilized with PEG-Grafted Hydroxyapatite

Poster No. **29** [Engineering of Biomaterials 138 (2016) **84**]

Julia Pajorova, Marketa Bacakova, Jana Musilkova, Denisa Stranska, Tomas Riedel, Lucie Bacakova

Effect of Fibrin-Nanocoating of Nanofibrous Polymer Membranes on the Adhesion and Proliferation of Human Dermal Fibroblasts

Poster No. **39** [Engineering of Biomaterials 138 (2016) **48**]

Kalina Andrysiak, Katarzyna Cholewa-Kowalska, Maria Łączka, Anna Maria Osyczka
Osteoinductive Properties of Gel-Derived Binary CaO-SiO₂ and Ternary CaO-P₂O₅-SiO₂ Bioactive Glasses

Poster No. **56** [Engineering of Biomaterials 138 (2016) **86**]

Agata Goszczyńska, Agata Niemczyk, Agnieszka Piegat

Synthesis and Characterization of Amphiphilic Chitosan Derivatives as Nano/Microstructures

Poster No. **58** [Engineering of Biomaterials 138 (2016) **38**]

Beata Kaczmarek, Alina Sionkowska, Agnieszka Bładzich

The Vitamin B1 Release from Collagen, Chitosan and Hyaluronic Acid Blends

Poster No. **60** [Engineering of Biomaterials 138 (2016) **44**]

Katarzyna Klimek, Agata Przekora, Grażyna Ginalska

Biological Evaluation of β -1,3-Glucan/HA Bone Scaffold Fabricated via New Method

Poster No. **68** [Engineering of Biomaterials 138 (2016) **52**]

Ewelina Pabjańczyk-Wlazło, Agnieszka Komisarczyk

Novel Measurement Methods in the Evaluation of Biomaterials Properties

Poster No. **80** [Engineering of Biomaterials 138 (2016) **101**]

