

## List of Accepted Abstracts

### Biomedical Materials and Devices Session

<b>ID</b>	<b>New ID</b>	<b>Paper Topics</b>	<b>Presentation</b>
O-BM-024	BM-O-01	Bleached Shellac as Potential Polymeric Matrix for In Situ Microparticle (ISM)	Oral
O-BM-116	BM-O-02	Biocompatibility and Wound Healing Properties of Silk Fibroin/Chitosan/PVA Dressings	Oral
O-BM-105	BM-O-03	Nanofiber membranes fabricated from Nang Noi Srisaket 1 silk fibroin, gelatin and chitosan for potential used as barrier membrane in guided tissue/bone regeneration: Part I Fabrication of the membranes	Oral
O-BM-085	BM-O-04	Synthesis and Fabrication of a Poly(L-lactide- <i>co</i> -caprolactone)/Gelatin Blended Scaffold for Use in Articular Cartilage Tissue Engineering	Oral
O-BM-216	BM-O-05	Synthesis and Preparation of Poly(glycerol sebacate- <i>co</i> -glutamic acid) Scaffold for Bioactive Agent Immobilization	Oral
O-BM-219	BM-O-06	<i>In Vitro</i> Resorbability of Three Different Processed Hydroxyapatite	Oral
O-BM-233	BM-O-07	Synthesis and Characterization of Artificial Bone Material using Calcium from a Natural Source	Oral
O-BM-241	BM-O-08	Sintered Titanium-Hydroxyapatite Composites as Artificial Bones	Oral
O-BM-243	BM-O-09	Prevention of Post-angioplasty Restenosis with MicroRNA-145 nanoparticles-immobilized Coronary Stent in the Rabbit Restenosis Model	Oral
O-BM-244	BM-O-10	Development of Bacterial Driven Micro Beads for Targeted Anti-cancer Therapy	Oral
P-BM-367	BM-O-11	In Vitro Evaluation of Rifapentine-Loaded PLGA Microparticles for Tuberculosis Inhaled Therapy	Oral

O-BM-288	BM-O-12	Nano-aggregates of Doxorubicin-conjugated Methoxy Poly(ethylene glycol)-b-carboxymethyl Dextran Block Copolymer Nanoparticles and Their Biological Activity	Oral
O-BM-079	BM-O-13	Three-Dimensional Temperature Field Simulation during Selective Laser Melting Process of Cobalt-Chromium Alloy	Oral
P-BM-016	BM-P-01	Growth Factor-Immobilized Polycaprolactone Microspheres as Bioactive Bulking Agent for Soft Tissue Augmentation	Poster
P-BM-017	BM-P-02	Peripheral Nerve Regeneration through Asymmetrically Porous Nerve Guide Conduit with Nerve Growth Factor Gradient	Poster
P-BM-057	BM-P-03	Simplified Synthesis of Gold Nanoshells from Gold Foil for Medical Applications	Poster
P-BM-192	BM-P-04	Metrodidazole <i>In Situ</i> Forming Eudragit RS Gel Comprising Different Solvents	Poster
P-BM-197	BM-P-05	Oxidized Regenerated Cellulose/Polycaprolactone Composite for Use as a Synthetic Dura Mater	Poster
P-BM-218	BM-P-06	Preparation of Photopolymerizable PEG-based Hydrogel	Poster
P-BM-226	BM-P-07	Effect of Surface Charge on Incorporation of Gold Nanoparticles in Poly( <i>N</i> -isopropylacrylamide) Nanogels	Poster
O-BM-261	BM-P-08	Comparison of Reducing Agents for Keratin Extraction from Human Hair	Poster
P-BM-287	BM-P-09	Physical Properties of Xyloglucan/bacterial Cellulose Composite Film Plastized with Glycerol	Poster
P-SD-331	BM-P-10	Graphene Antenna: Design and Analysis for Implantable Medical Devices	Poster
P-BM-335	BM-P-11	Osteoblast Responses on Graphene Oxide Electrodeposited on Anodized Titanium for Orthopedic Implants	Poster
P-BM-12	BM-P-12	The Effect of Calcium on the Corrosion Rate of HA-coated Mg-Ca Alloy	Poster