

August 16-18, 2018	TENTATIVE SCIENTIFIC PROGRAM
<b>Day 1</b>	<b>August 16th , 2018</b>
10:00-10:30	Registrations
10:30-11:00	Opening Ceremony
Keynote Forum	
11:00-11:10	Introduction
<b>Coffee break: 11:10-11:30</b>	
<b>Keynotes</b>	
11:30-12:00	Prof Takao Hanawa, Tokyo Medical and Dental University, Japan
12:00-12:30	Devika Chithrani , University of Victoria, Canada
12:30-13:00	Niloufar Raeis Hosseini, Pohang University of Science and Technology, South Korea
<b>Delegates</b>	
	Hong Sun MD, PhD., Central South University, China
	Prof. Heiko Zimmermann, Fraunhofer-Institut für Biomedizinische Technik IBMT, Joseph-von-Fraunhofer-Weg 1, 66280 Sulzbach
	Prof. Min-Long Yeh, National Cheng Kung University, Taiwan
	Dr. Rehan Siddiqui, MEDA Pharmaceuticals MEA FZ-LLC A Mylan Company, Dubai, UAE
	Weon Tae Lee, Yonsei University, South Korea
<b>Lunch break: 13:00-14:00</b>	
<b>Group Photo</b>	
<b>Sessions</b>	
<b>Biomaterials and Nanotechnology   Biomaterials in Delivery Systems   Biodegradable Biomaterials</b>	
<b>Session Chair</b>	Fengjun Wang, Central South University, China
14:00-14:20	<b>Title: Optimizing the Property of Nano-Hydroxyapatite Genevectors via Variety of Surface-Modification</b>
	Fengjun Wang, Central South University, China
14:20-14:40	<b>Title: Green Synthesis of Silver Nanoparticles (AgNPs) using (Allium Sativum) Exploring its Antimicrobial and Catalytic Activity.</b>
	Fabiola Villa Sánchez, State University of Guayaquil, Ecuador
14:40-15:00	<b>Title: Magnetic Silica Porous Nanoparticles for Improved Breast Cancer Targeted Delivery of Exemestane</b>
	Marta Laranjeira, University of Porto, Portugal
15:00-15:20	<b>Title: Upconversion Nanoparticles Application for Optogenetics</b>
	Wei che-Li, National Chiao Tung University, Taiwan
15:20-15:40	<b>Title: Identification of Thermo-responsive Fluorescent Polymers using a Microarray approach for Developing Fluorescent Nanspheres for Cellular Labeling</b>
	Rong Zhang, Changzhou University, China

<b>Coffee break: 15:40-16:00</b>	
16:00-16:20	<b>Title: In-vivo Study of a Biodegradable Magnesium Anchor for Suture Anchor Technique of Rotator Cuff Repair</b>
	<b>Chien-Yu Lin, National Cheng Kung University, Taiwan</b>
16:20-16:40	<b>Title: Enhancement of Corrosion Resistance of Phytic Acid Conversion Coating on Bioresorbable Magnesium Alloys using PLGA for Orthopedic Use</b>
	<b>Je-Wei Liu, National Cheng Kung University, Taiwan</b>
16:40-17:00	<b>Title: Synthesis of benzoic acid-modified poly(L-lysine) star polypeptide as a potential anti-inflammatory agent in Lipopolysaccharide-induced sepsis</b>
	<b>Li Fang Lin, National Cheng Kung University, Taiwan</b>
<b>Closing Ceremony of Day 1</b>	
<b>Day 2</b>	<b>August 17th, 2018</b>
<b>Biomaterials Applications   Tissue Engineering and Regenerative Medicine</b>	
<b>Session Chair</b>	<b>Hsin yun-Chang, National Chiao Tung University, Taiwan</b>
10:30-10:50	<b>Title: The Frequency of Receiving Sensitivity of an Anodic Aluminum Oxide–epoxy Composite Acoustic Matching Layer Cavitation Hydrophone.</b>
	<b>Hsin yun-Chang, National Chiao Tung University, Taiwan</b>
10:50-11:10	<b>Title: New Fiber Reinforced Composite Material for Custom-made Craniofacial Implants</b>
	<b>Lazar Madalina Anca , "Iuliu Hațieganu" University of Medicine and Pharmacy, Romania</b>
<b>Coffee break: 11:10-11:40</b>	
11:40-12:00	<b>Title: Production and Characterisation of Acellular Human Liver Matrix: Potential Auxiliary Liver Graft</b>
	<b>Abdul Hakeem, University of Leeds, LS2 9JT, UK.</b>
12:00-12:20	<b>Title: Poly (ethylene glycol) Diacrylate Hydrogels for Application as Antimicrobial Wound Patches</b>
	<b>Sarah Glass, Leibniz Institute of Surface Modification, Germany</b>
<b>3D Bioprinting   Bio-based Materials and Sustainability</b>	
<b>Session Chair</b>	<b>Jean-Marc Behr, Nanyang Technological University, Singapore</b>
12:20-12:40	<b>Title: Designing Biomechanical Behaviour of Small Diameter Vascular Prostheses by 3D-Bioprinting</b>
	<b>Jean-Marc Behr, Nanyang Technological University, Singapore</b>
12:40-13:00	<b>Title: Development and Demonstration of Highly Insulating, Construction Materials from Bio-derived Aggregates</b>
	<b>Nadia Sid, TWI Ltd Granta Park Great Abington, CB21 6AL Cambridge, United Kingdom</b>
<b>Lunch break: 13:00-14:00</b>	
<b>Biomaterials   Properties of Biomaterials   Polymer Biomaterials</b>	
<b>Session Chair</b>	<b>W. Jon. P. Barnes , University of Glasgow, Scotland</b>
14:00-14:20	<b>Title: Adhesion and Friction in Tree Frogs and their Relevance to the Development of New Smart Adhesives</b>
	<b>W. Jon. P. Barnes , University of Glasgow, Scotland</b>
14:20-14:40	<b>Title: Microstructural and Biocompatibility Evolution of TiTaHfNbZr Coating Deposited by PVD Method</b>
	<b>Elif Bedir, Koc University, Turkey</b>
14:40-15:00	<b>Title: A Novel Calcium Phosphate based and Polyethylene Mine Coated Non-Viral Gene Vector for Inner ear Gene Therapy</b>
	<b>Qiang Qingfen, Central South University, China</b>

15:00-15:20	<b>Title: In-vitro and In-vivo Exposure of Intravascular Catheters to Chemotherapeutic Drugs</b>
	Maren Fossum , Norwegian University of Science and Technology, Norway
15:20-15:40	<b>Title: The Adhesion of Palladium Coating on Titanium Substrates used for Medical Applications</b>
	Mohammad Nasser Alqahtani,Loughborough University,UK
15:40-16:00	<b>Title: The role of oxidative stress as a mutational mechanism on telomeric deletion events</b>
	Raniah Saleem Alotaibi,King Saud bin Abdulaziz University for Health Sciences ,Saudi Arabia
<b>Coffee break: 16:00-16:20</b>	
<b>Poster Presentations 16:20-17:30</b>	
BM 1	<b>Title: Elastic substrates for testing the diversity of cancer cells</b>
	Aleksandra Mielnicka ,Jagiellonian University, Poland
BM 2	<b>Title: Manufacture of Eco-friendly Conductive Nanocomposite Based on Waterborne Polyurethane</b>
	Eun Joo Shin, Dong-A University, Korea
BM 3	<b>Title: NONOate-loaded Mineralized Nanoparticles for Intracellular NO Delivery System</b>
	Hong Jae Lee ,Kyung Hee University, Seoul, Korea
BM 4	<b>Title: Oxidative Stress Amplifying Mineralized Nanoparticles in Combination with Enzymes for Cancer Therapy</b>
	Hye Jung Kim , Kyung Hee University, Seoul, Korea
BM 5	<b>Title: Controlled Release of Dual Synergistic Combined ROS-amplifying Agents for Cancer Therapy</b>
	Hyung Geun Lee , Kyung Hee University, Seoul, Korea
BM 6	<b>Title: Gd2O3-Containing Mineralized Nanoparticles as a Contrast Agent for Ultrasound and Magnetic Resonance Imaging</b>
	Kyung Hyun Min , Kyung Hee University, Seoul, Korea
BM 7	<b>Title: Improving Corrosion Resistance and Biocompatibility of Magnesium Alloy by Combining Chemical Treatment with Biomolecules Immobilization</b>
	Chang-Jiang Pan, Huaiyin Institute of Technology, China
BM 8	<b>Title: Synthesis and characterization of gelatin-containing pH-sensitive hydrogels for oral drug delivery systems</b>
	Bumsang Kim, Hongik University, Seoul, Republic of Korea
BM 9	<b>Title: 316L SS surface modification with Cu (II)-loaded nanocoating for improving the biocompatibility</b>
	Tao Liu, Huaiyin Institute of Technology, China
BM 10	<b>Title: Polyacrylamide and PDMS substrates for cell migration research</b>
	Tomasz Kolodziej, Jagiellonian University, Poland
BM 11	<b>Title: Effect of Cyclic Tensile Force Applied to Artificial Scaffold Including Periosteal-derived Stem Cells on New Bone Formation</b>
	UK-Kyu Kim, Pusan National University School of Dentistry, South Korea
BM 12	
	Liu Shi Hui, China
<b>Group Photo's &amp; Closing Ceremony</b>	