



World Conference & Expo on

Biomedical Engineering

July 16-17, 2018 Miami, USA

Day 1 July 16, 2018

MainHall

08:00-09:00	Registrations
09:00-09:10	Introduction
09:10-09:30	Opening Ceremony
	Plenary Session
09:30-10:15	Title: Development and bioapplications of nontoxic carbon dots Roger M. Leblanc , University of Miami, USA
10:15-11:00	Title: Science and Technology of Multifunctional/Biocompatible Ultrananocrystalline Diamond (UNCDTM) Coatings and Applications to a New Generation of Implantable Medical Devices . Orlando Auciello ,University of Texas , USA
11:00-11:15	Coffee Break
	Keynote Session
11:15-11:45	Title: Oncogenic activity of MCM8 in human cancers Jianhua Luo , University of Pittsburgh, Pennsylvania
11:45-12:15	Title: Coupling to the brain's neurological networks Salvatore Domenic Morgera , University of South Florida, USA
12:15-12:45	Title: Biomedical Equipment Maintenance Services: a challenge to implement in remote area . Bikash Bahadur Shrestha , Advanced College of Engineering & Management , India
12:45-13:00	Panel Discussion
13:00-14:00	Lunch Break
Session 1	Biomedical engineering
Session Chair	Will update soon
14:00-14:25	Title: Microfluidic isolation and characterization of non-hematopoietic stem and progenitor cells from blood samples

	Nezihi Murat Karabacak , Massachusetts General Hospital , USA
14:25-14:45	Title: The Impact of calibration on medical devices performance and patient safety .
	Saleh Altayyar , King Saud University , Saudi Arabia
14:45-15:05	Title : Fully Automated Health Technology Management System Directorate Of Biomedical Engineering Experience
	Ahmad Ghawanmeh,Ministry of Health ,Jordan
15:05-15:25	Title: Identification of Coding Regions in Prokaryotic DNA Sequences Using Bayesian Classification .
	Mohammad Al Bataineh,Yarmouk University, Jordan
15:25-15:45	Title: The influence of basic physical factors caused by magnetite nanoparticles
	Andrey Belousov, Laboratory of Applied Nanotechnology, Ukraine
15:45-16:05	Title:Hydrogel effects rapid biofilm debridement with ex-situ contact-kill
	Yeo Chun Kiat, Nanyang Technological University ,Singapore
16:05-16:20	Coffee Break
16:20-16:40	Title: Biotechnical measurement and software system for the prediction and diagnosis of Internal Disease based on acupuncture points
	Riad Taha Al-kasasbeh , Al-Balqa Applied University , Jordan
16:40-17:00	Title : Novel magnetite nanobioconjugates for bypassing endosomal routes of drug delivery
	Juan Cruz ,Universidad de los Andes , Colombia
17:00-17:20	Title:..Design of 3D Bioprinted Scaffolds for Cartilage Regeneration
	Gloria Pinilla, REGEMAT 3D, SPAIN
17:20-17:40	Title: How to maximize temperature rise from magnetic nanoparticles for

	hyperthermia .
	Takemura Yasushi ,Yokohama National University , Japan
17:40-18:00	Title: Finite element prediction of drug treatments against osteoporosis on bone density variation
	Ridha Hambli,PRISME Lab in Polytechnic Institute of Orleans , France
18:00-18:20	Title : Monitoring of Tissue Heating with Medium Intensity Focused Ultrasound
	Francisco Javier Oyaga Landa , Helmholtz Zentrum Manchen , Germany
18:20-18:40	Title : The aim of this project is to study the effect of prestretched vs. unstretched surfaces on the elastogenesis of bladder smooth muscle cells
	Chelsie Boodoo ,Michigan State University , United States
18:40-19:00	Title : Will update soon
	Abubakr Ismail Abdelrahman Abdelmagid ,AlMughtaribeen University , Sudan
19:00-20:00	Cocktails
Day 2 July 17, 2018	
MainHall	
Session 1	Biomedical engineering
Session Chair	Will update soon
	Plenary Session
10:00-10:45	Title: Multimodality molecular imaging:Paving the way for personalized medicine
	Habib Zaidi , Geneva University Hospital,Switzerland
10:45-11:30	Title: Quantitative image analysis in precision medicine: Just-enough interaction paradigm
	Milan Sonka ,University of Iowa , USA
11:30-11:45	Coffee Break
	Keynote Session
11:45-12:15	Title: Natural products against malaria and cancer: the role of material chemistry
	Cosimo Carfagna , C.N.R. , Italy
12:15-12:45	Title: A Mechanician's Perspective on Biomechanics for Biomimetic Tissue Engineering

	Alan D Freed ,Texas A&M University,United States
12:45-13:00	Panel Discussion
13:00-14:00	Lunch Break
14:00-14:30	Title: NOBF4 coated Au-Fe ₃ O ₄ -Nanoparticles in radiation therapy: The benefit of combined generation of ROS and RNS Stefanie Klein , Friedrich-Alexander University , Germany
14:30-15:00	Title:Lipid coated Magnetic Nanoparticles for Combination Cancer Therapy Yogita Patil-Sen ,University of Central Lancashire. United Kingdom
15:00-15:30	Title: Nanotechnology new alternative in the treatment of biofilm . Kaila Petronila Medina ,Sao Paulo State University, Brazil,
15:30-16:00	Title:NEW TRENDS IN PROSTHETIC HAND CONTROL Ayham Darwich, Al-Andalus University for Medical Sciences, Syria
16:00-16:30	Title:Influence of 3D printing parameters on surface finish of ceramic hip prostheses fixed by means of osteointegration ALI ,Polytechnic University of Catalunya,Spain
16:30-16:45	Coffee Break
16:45-17:15	Title:The efficiency of inefficiency: medicine distribution in Sudan Abdeen Omer ,Occupational Health Administration,Sudan
17:15-17:45	Title:Materials Science and Mechanics of Collagenous Tissues Fred Silver, University of New Jersey , USA
Poster Presentations on Day 2 July 17, 2018	
P-001	Title: Electrical conductivity, histology and malondialdehyde concentration variations in male rat tissues following the exposure to magnetic field Sahar Ebeid Saad Mohamed Aboneima , Damanhour University, Egypt
P-002	Title: Finite Element Analysis of the Human Right Ventricle Considering Growth and Remodeling Alireza Heidari ,McGill University , Canada
P-003	Title: Design Smart Actuators for Colonoscope Guidance Mohamed Rabie, University of Strathclyde Glasgow , United Kingdom
P-004	Title: ElectrospunPolymerFibersInfusedwithCelluloseNanowhiskerstolImprove Carl Bartlett,University of Alabama at Birmingham ,United States
P-005	Title : Non-toxic fluorescent silica nanoparticles for observation of the living cell Michalina Iwan,Institute of Physical Chemistry, Polish Academy of Sciences , Poland
***Note: This is a Tentative Program, it is Subjected to slight changes till Final Program	
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