



2nd World Conference & Expo on

Biomedical Engineering

July 08-09, 2019 Las Vegas, USA

Day 1 JULY 8, 2019	
08:00-09:00	Registrations
09:00-09:15	Introduction & Opening Ceremony
Plenary Session	
Session chair	Mark Metzler, Advantage Biomedical Services, USA
Session Co - chair	Albert Sabban, Ort Braude and Kinneet Colleges, Israel
09:15-10:00	Title: How the Evolution of Physics and of Computer Technology Resulted in the Modern-Day Field of Medical Imaging Mark Metzler , Biomedical Services, USA
10:00-10:45	Title: Self-Powered Wearable and Implantable Electrical Stimulation Devices for Biomedical Applications Xudong Wang , University of Wisconsin-Madison, USA
10:45-11:00	@Coffee Break
11:00-11:45	Title: Quantum Molecular Computing and Biomedical Diagnosis based on AI with Wanyang Dai , Nanjing University, China
11:45-12:30	Title: New Compact Wearable Systems and Antennas for IOT, Medical and 5G Applications Albert Sabban , Ort Braude and Kinneret Colleges, Israel
12:30-13:15	Title: Computational and Mechanical Modeling Aspects of Fibrin Mechanics Rodney D. Averett , University of Georgia, USA
13:15-13:20	Group Photo
13:20-14:05	Lunch Break
Keynote Session	
14:05-14:40	Title: Deep Learning for EEG Processing With the Aim of Predicting Epileptic Seizures Antonio Dourado , University of Coimbra, Portugal
14:40-15:15	Title: New Sensing Device Based on A Novel 2D Nanostructured, Mxene for Application of Monitoring Anti-Cancer Effect Due To Intake In Cancer Treatment. Danling Wang , North Dakota State University, USA
Invited Talks	
Session A	BioMaterials, Bioelectronics Personal Health Record
Session chair	Rodney D. Averett , University of Georgia, USA
15:15-15:45	Title: Personal Health Record: Unleashing the Power of Information Technology Asmaa Hidki , Health Informatics Expert, Canada
15:45-16:15	Title: Early Diagnosis of Diseases is Essential to Reduce Morbidity and Mortality Rates Mohammad Rabiee , Amirkabir University of Technology, Iran

16:15-16:30	@ Coffee Break
	Day 2 JULY 9, 2019
	Plenary Session
Session chair	Mark Metzler, Advantage Biomedical Services, USA
Session Co - chair	Salimeh Yasaei Sekeh, University of Michigan, USA
09:15-10:00	Title: Moore's Law and the Exponentials Behind the Future of Medical Imaging Mark Metzler, Biomedical Services, USA
10:00-10:45	Title: Injectable Biodegradable Balloons and Polymers for Tissue separation and Drug D Abraham J. Domb, The Hebrew University of Jerusalem, Israel
10:45-11:00	@ Coffee Break
11:00-11:45	Title: Engineering a Universal Influenza Vaccine Baozhong Wang, Georgia State University, USA
11:45-12:30	Title: Energy Harvesting Systems for Wearable Biomedical Sensors Albert Sabban, Ort Braude and Kinneret Colleges, Israel
	Keynote Session
12:30-13:05	Title: Advanced Nanotechnology Design for Biomedical Devices with the Application of Electric Fields in Medical Treatment. Ibtisam Abbas, Massey University, New Zealand
13:05-13:10	Group Photo
13:10-14:00	Lunch Break
14:00-14:35	Title: Graph-Based Data Mining from Machine Learning to Biology Applications Salimeh Yasaei Sekeh, University of Michigan, USA
	Invited Talks
Session A	Bioengineering, Biophysics & Biochemistry
Session chair	Salimeh Yasaei Sekeh, University of Michigan, USA
14:35-16:05	Title: Use of Low Field Nuclear Magnetic Resonance to Monitor Lung Functionality and Inflammation in Cystic Fibrosis Patients. Gabriele Grassi, University of Trieste, Italy
16:05-15:35	Title: Making a Viable Medical Electron Device Package into a Reliable Product Ephraim Suhire, Portland State University, USA
15:35-16:05	Title: Will update soon David Morales, Biomedical Equipment, Non-Commissioned Officer at United States Army, USA
16:05:16:15	@ Coffee Break
	DAY - 2 POSTER PRESENTATIONS
P001	Title: Effect of An Integrated Information System Adoption to Prevent the Recurrence and Metastasis of Cancer After Modified Radical Mastectomy Seong-Ran Lee, Kongju National University, South Korea
P002	Title: Manufacturing Optimization of 3D printed Hydrogel Knee Implants Michael David Chapman, California State University Fullerton, USA
P003	Title: Risk Analysis Methodology for a Ventricular Assist Device

P003	Andre Cesar Martins Cavalheiro , University of Sao Paulo, Brazil
P004	Title: Manufacturing Optimization of 3D printed Hydrogel Knee Implants
	Linlin Zhou , California State University Fullerton, USA
***Note: This is a Tentative Program, it is Subjected to slight changes till Final Program	
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