

The 7th International Conference on Biomedical Engineering in Vietnam, June 27-29, 2018, Ho Chi Minh City, Vietnam
Conference Poster Presentation Program

Day 1: 27 Jun, 2018	Day 2: 28 Jun, 2018	Day 3: 29 Jun, 2018
W1: Medical Instrumentations	T1: Lab-on-a-chip & Point-of-care technologies	F4D*: Cell Reprogramming And Reproductive Biotechnology Session – Room: A2.104
19. Thanh Hang Nguyen, Thi Ngoc Thao Pham, Tin Thanh Dang and Anh Dinh - Non-contact Body Temperature Measurement	65. Yen-Ching Lin, Su-Yu Liao, Lin-Shien Fu, Congo Tak Shing Ching, Cheng-Ming Peng and Tai-Ping Sun - A Sensor for Pancreatic Cancer Screening	Truc Le-Buu Pham, Tran Bao Nguyen, Pham NDH, Nguyen Trong Binh - The Effect of Stem Cell Sheet Transplantation on Mouse Model of Myocardial Ischemia
37. Thi Hai Mien Pham, Bao Ngoc Tran, Ngoc Minh Thinh Nguyen, Tran Khanh Tran Nguyen, Phu Duong Le and Quang Linh Huynh - Design, Test and Evaluation of A Dental Fluorescence Camera	183. Ha Thach, Hoang-Tuan Nguyen, Uyen Tong, Tuan Hoang, Tuan Anh Vuong, Cécile M. Perrault and Khon Huynh - Comparison of vinyl adhesive paper and nail polish meth(acrylates) (MA) gel photoresist for low-cost microfluidics fabrication	Daiyu Ito, Sayaka Wakayama, Yuko Kamada, Masatoshi Ooga, and Teruhiko Wakayama - Effect of Trehalose on Preservation of Mouse Freeze-Dried Spermatozoa at Room Temperature
38. Thi Hai Mien Pham, Tran Kim Hoang Nguyen, Thuy Ha Nguyen, Tan Thanh Vo, Phu Duong Le and Quang Linh Huynh - Application of Near-infrared Technique in Studying Dental Lesions	192. Trieu Quan, Tran Thinh, Le Duong, Tran Thuy, Chu Xuan and Mai Tuan - An Electrochemical DNA Sensor based on Conducting Polymer Electrode	Pham Truong-Duy, Nguyen Nhat Phuong-Uyen, Van-Thuan Nguyen and Hong-Thuy Bui - Development Competence of Bovine Oocytes From Small Antral Follicle After <i>in vitro</i> Culture
154. Huynh Quoc-Khanh, Vu Thi-Hang-Nga, Bui Hoang-Nam and Pham Thi-Thu-Hien - Building an EMG Receiver System to Control a Peripheral Device	T2: Biophotonics	Kieu-Linh H. Nguyen, Quoc-Dinh Pham, Bui Hong-Thuy, Van-Thuan Nguyen - Effect of Curcumin on Preimplantation Development of Diploid Parthenogenetic Bovine Embryos
166. Thai Do and Nam Nguyen - Development of a Pulse Oximeter for E-Health Applications	69. Kuo-Chih Liao and Hsun-Yi Chu - NIR Fluorophore DGS-SIDAG as Breast Cancer Theranostics	Kazunori Magara, Teruhiko Wakayama and Satoshi Kishigami - Effect of Treatment of 1-cell Stage Embryos with MEK and GSK3 Inhibitors (z) on Embryonic Development in Mice
201. Shigeyuki Naka, Tohru Tani, Dang Khiem, Soichiro Tani, Atsushi Yamada and Masaji Tani - New Technology of Microwave Surgical Device -Development and Initial Clinical Experiment-	73. Le Linh-Dan, Huynh Ngoc-Trinh and Pham Thi-Thu-Hien - Characterization of Non-melanoma Skin Cancer utilizing The Optical Polarized System	Yoshiki Nakamura and Satoshi Kishigami - 2-Deoxy-D-glucose Causes Ectopic Expression of Nanog in Mouse Blastocysts
W2: Biomaterials and 3D printing	80. Le Xuan-Hieu, Nguyen Ngoc-Bao-Tran, Huynh Minh-Vy, Vo Thi-Phuong-Trinh and Pham Thi-Thu-Hien - Investigating on The Effective Wound Healing Therapy Utilizing Laser Optical System	Naoki Hirose, Yunosuke Yamamoto, Masatoshi Ooga, Satoshi Kamimura, Sayaka Wakayama, Junya Ito, Teruhiko Wakayama - Activation of Mouse Oocytes by mRNA Injection of Phospholipase C ζ Derived from Different Species
8. Natechanok Thinkumrob, Ployvarin Wiangkaew and Asst.Prof.Dr.Jitrayut Jitnomom - Mechanism of Cationic Polymerization of 2-Oxazoline by a Zirconocene/Borate Catalyst: A Computational Study	133. Dinh Trinh-Minh-Duc, Tran Nhu-Phu-An, Truong Anh-Viet, Le Xuan-Hieu and Pham Thi-Thu-Hien - Non-Invasive Glucose Monitoring System Utilizing Nir Light-Emitting-Diode	Ho Thi Kim Ngan, Van-Thuan Nguyen and Hong-Thuy Bui - Epigenetic Modifications of Parthenogenetic Embryo Effect on Establishment of Embryonic Stem Cells in Mice
93. Nam Tran Minh Phuong, Dat Nguyen Tan, Tin Luong Dai, Nghia Bui Hieu, Toi Vo and Hiep Nguyen Thi - Decellularization of Bovine Cancellous Bone for Bone Tissue Engineering Application	153. Nguyen Thao-Vi, Bui Chi-Bao and Pham Thi-Thu-Hien - Characterization of Liver Cancer Tissues Utilizing The Optical Polarized System	Nguyen Huy-Hoang, Bui L. Quynh-Nhu, Van-Thuan Nguyen and Hong-Thuy Bui - Isolation and Differentiation of Female Germline Stem Cells from Porcine Ovarian Cortex
139. Tien Nguyen Ngoc Thuy, Dat Nguyen Tan and Hiep Nguyen Thi - Synthesis of N,O-Carboxymethyl Chitosan-Aldehyde Hyaluronic Acid Hydrogel Loading Silver Nanoparticles	159. Si Nguyen Mai, Gia Phu Pham, Van Toi Vo, Khon Huynh and Thi Thu Hien Pham - Using UVB 311 nm Narrow-band Medical Lamp for The Treatment of Psoriasis	Nguyen Thi Thuy-Van, Van-Thuan Nguyen and Hong-Thuy Bui - Caffeine Supplementation <i>in vitro</i> MI-MII Transition Improves Development of Parthenogenetic Embryos Derived from Aging Porcine Oocytes
W3: Biomechanics	177. Than Hai-Nhat-Minh, Pham Mai-Ngoc-Minh and Pham Thi-Thu-Hien - Investigation into 3D Holographic Images for Medical Scanner Applications	Bui Thanh Nhan, Pham Minh Chien, Bui Hong Thuy, and Nguyen Van Thuan - Effect of Histone Deacetylase Inhibitor on Preimplantation Development of Cloned Bos Gaurus Embryos
57. Van Le Thi Cam, Nhan Le Thanh, Hai Nguyen Ngoc, Dang Le Cao and Keiji Iramina - Controlling the Wheelchair by Eye Movement using EEG Signal	211. Hien Pham Thi Thu, Pham Lai-Nhat-Minh and Nguyen Nhat-Minh - Building An Automatic Control System for Polarization States Measuring The Stokes Parameters	Truong-Duy Pham, Hong-Thuy Bui, and Van-Thuan Nguyen - Effect of Scriptaid on Preimplantation Development of Cloned Bovine Embryos
101. Madoka Koishi, Tran Anh Kiet, Jianping Li and Masahiro Takei - Permittivity Measurement for Thrombus Detecting at Connector Gap in Extracorporeal Blood Circulating System	T3: Molecular Techniques in Disease Diagnosis	Tram D. B. Nguyen, Minh-Tue Nguyen, Hong-Thuy Bui, and Van-Thuan Nguyen - Effects of Oocyte Collection Methods and Chemical Activation Systems on Preimplantation Development of Parthenogenetic Bovine Embryos
103. Tran Anh Kiet, Jianping Li, Huynh Chan Khon and Masahiro Takei - Investigating Dielectric Properties of Hemolysis by Electrical Impedance Spectroscopy	125. Zi-Lun Lai and Cheng-Chung Chang - Photochromic Biosensor based on The Excited State Proton Transfer Different in Normal and Cancer Live Cells	Nguyen Ba-Tu, Tran Hoang-Lam, Le Thi Thuy-Trang, Nguyen Le Ha-Phuong, Mach Bao-Ngoc, Bui Hong-Thuy, Van-Thuan Nguyen - Effects of Biotin Supplement on Development of Parthenogenetic Diploid Porcine Embryos
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7. Siwimon Wongsang, Chutikarn Phayompho and Asst.Prof.Dr.Wijitra Meelua - A Computational Study on the Reactivity of Cationic Copolymerization of MeOX and PhOX by a Metallocene/Borate Catalyst	108. Ngoc Nguyen, Nam Tran Minh Phuong and Hiep Nguyen - Effect of polyvinyl alcohol concentration on properties of polyvinyl alcohol-chitosan hydrogel loading silver nanoparticles in PCA hydrogel on it antibacterial properties and the biocompatibility	213. Chi Pham and Chi Bao Bui - A high M1/M2 ratio is associated with better survival in neuroblastoma
28. Wijitra Meelua and Jitrayut Jitnomom -Theoretical Studies on Aluminum Trialkoxide-initiated Lactone Ring-opening Polymerizations	121. Hui-Min Wang - Adipose-Derived Stem Cells Enhance Burn Wound Healing and Neuropathic Pain Treatment	F2: Molecular and Cellular Biology in Medicine
168. Thanh Hoa Tran and Giuseppe Legname - Replacement of Residue H95 with Charged Amino Acids in The Prion Protein Decreases Prion Conversion Propensity	112. Nguyen-Vu Viet Linh and Huynh Dai Phu - Fabrication Drug loaded Polycaprolactone by Electrospraying Method	165. Thi Kim Cuc Nguyen, Thu Thuy Pham, Thi Bich Mai Huynh, Thanh Hoang Tran, Michael Packianather, Chi Hieu Le and Van Duy Nguyen - Design and Development of A Novel Anticancer Peptide from Human Gut Microbiome by using Recombinant Protein Engineering
	212. Minh Thuy Vo, Thanh Truc Nguyen, Hieu Minh Ho, Loan Khanh Ly, Van Toi Vo, Le Minh Huynh and Hiep Nguyen Thi - Observation of Fibroblast Cell Attachment and Proliferation on Different Titanium Surface Textures: Morphology and In Vitro Study	193. Tran Quang Thinh, Trieu Van Vu Quan, Le Binh Duong, Chu Thi Xuan, Tran Hong Thuy and Mai Anh Tuan - A Label-free Electrochemical Immunosensor for Detection of Newcastle Disease Virus
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	180. Linh Luu, Phong Pham and Trung Le - Feature Extraction and Electrophysiological Modeling In Personalized Deep Brain Structure Using Electroencephalography Signal
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	98. Duc Thuan Lao, Chi Tung Lieu, Thi Thanh Thuy Ho and Huyen Ai Thuy Le - Evaluation of the HBV Genotype, Viral Load and Antivirus Drug Resistance Mutation in Tay Ninh Hospital, Vietnam by Real-Time PCR
	99. Kim Phuong Truong, Phuong Mai Thi Nguyen, Duc Thuan Lao and Huyen Ai Thuy Le - A meta-analysis of Apolipoprotein B Gene Mutation in Hypercholesterolemia based on Previous Studies
	113. Viet Nguyen, Minh Nghiem, Hieu Nguyen, Quynh Dang and Thuy Vo - Single Nucleotide Polymorphism Discovery in Multi-drug Resistant Salmonella SPP. Isolated from Retail Meats in Ha Noi, Vietnam using RNA-seq Technology
	109. Quoc Thang Bui, Thi Hong Ha, Van Trung Nguyen, Minh Thang Nguyen, Minh Hung Le and Chau Pham - Efficiency of Health Application in Smartphone contributes to Public Health Studies in Vietnam
	F5: Public Health - Cancer Therapy and Reconstructive surgery
	128. Sang Tran, Thang Huynh, Huan Do and Nghiem Doan - A Clinical Investigation on the Outcomes of Early and Late Surgical Intervention in Patients with Breast Cancer Stage I to IIIA at Can Tho Oncology Hospital
	140. Sang Tran, Long Le and Nghiem Doan - An Investigation on the Characteristics and Outcomes of Late Treatment for Inguinal Hernia Using Lichtenstein Technique at Thot Not District General Hospital
	174. Thang Huynh, Hien Ho, Thi Chau and Nghiem Doan - Effectiveness Of Laparoscopic Surgery For Right Colon Carcinoma
	172. Thang Huynh, Kha Vo and Nghiem Doan - Factors Affecting Disease Free And Overall Survivals In Colon Cancer Patients Treated With Xelox Adjuvant Chemotherapy
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	66. Le Quoc Khai, Le Nu Ngoc Thuy, Tran Kien, Pham Thi Tram Anh, Nguyen Thi Diem Hang and Huynh Quang Linh - Sleep Onset Detection using The Low-Cost Emotiv Epoc Neuroheadset
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	138. Linh Hoang Gia, Trang Nguyen Thuy, Toan Nguyen, Duc Nguyen Manh and Tan Le-Hoang Doan - A Systematic Study of Electronic Structure for Anti-Cancer Drug Molecule 5-Fluorouracil within Various Solvents from First-Principles Calculations