



VIETNAM NATIONAL UNIVERSITY - HCMC INTERNATIONAL UNIVERSITY

PROGRAM BOOK

& TRANSLATIONAL HEALTH SCIENCE TECHNOLOGY FOR DEVELOPING COUNTRIES

The 7th International Conference in Vietnam on the Development of Biomedical Engineering



HCMC, June 27-29, 2018

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Conference Organizing Committee

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Conference Secretary	Ms. Nguyễn Ngọc Thảo Quyên



Professor Jeff W. M. Bulte

Professor, Radiology, Oncology, Biomedical Engineering, and Chemical & Biomolecular Engineering

Keynote Lecture (9:30-10:20, 27/6, Room A2.104)

Clinically Applicable MR Tracking of Naked,

Scaffolded and Encapsulated Cells

Biography: He has been active in the field of molecular and cellular magnetic resonance imaging (MRI) for 25 years. He has developed several techniques for cell labeling and in vivo tracking using nanoparticles and

MRI reporter genes. He has experience with translating new imaging techniques from the bench-to-the bedside, and was part of the first clinical MRI cell tracking study of SPIO-labeled mesenchymal stem cells in patients with multiple sclerosis (MS) and amyotrophic lateral sclerosis (ALS). His original training in cell biology together with years of experience in developing imaging biomarkers for regenerative cellular medicine supports him to be the PI on this grant application.



Professor Ruth Nussinov

Professor and Senior Principal Investigator, National Cancer Institute and Tel Aviv University, Israel
Keynote Lecture (10:50-11:40, 27/6, Room A2.104)
Oncogenic K-Ras Signaling and Drug Discovery
Biography: Ruth Nussinov is a computational structural biologist at the NCI. Her PhD thesis proposed the dynamic programming algorithm for the prediction of RNA secondary structure, which is still the primary method toward this aim. She was among the pioneers of DNA sequence analysis, proposed the

fundamental concept of Conformational Selection and Population shift as an alternative to the textbook 'Induced-Fit' model in molecular recognition. Her studies unveiled the key role of allostery under normal conditions and in disease and the principles of allosteric drug discovery. She also proposed that proteins whose sequence and global structures differ may still share similar interface architectural motifs. This concept serves as a basis for the prediction of protein interactions. She was among the first to model amyloid conformations. Currently she focuses on signaling processes in cancer, particularly those Ras-driven. Dr. Nussinov received her Ph.D. in 1977 from Rutgers University and did post-doctoral work in the Structural Chemistry Department of the Weizmann Institute. Subsequently she was at the Chemistry Department at Berkeley, the Biochemistry Department at Harvard, and a visiting scientist at the NIH. In 1984 she joined the

Department of Human Genetics, at the Medical School at Tel Aviv University. In 1985, she accepted a concurrent position at the National Cancer Institute of the NIH. Leidos Biomedical Research, where she is a Senior Principal Scientist and Principle Investigator heading the Computational Structural Biology Section at the NCI. She has authored over 550 scientific papers. She serves as the Editor-in-Chief of PLOS Computational Biology and Associate Editor and on the Editorial Boards of several journals. She is a frequent speaker in Domestic and International meetings, symposia and academic institutions, won several awards and is an elected Fellow of the Biophysical Society and the International Society for Computational Biology. She is a Highly Cited Researcher (ranking among the top 3000 researchers or 1% across all fields according to Thomson Reuters Essential Science Indicators, http://highlycited.com/ December 2015), earning them the mark of exceptional impact. She also won an award from the AACR in 2017 for her paper on The Key Role of Calmodulin in KRAS-Driven Adenocarcinomas. Her National Cancer Institute website gives further details. https://ccr.cancer.gov/ruth-nussinov.



Professor Sunderesh S. Heragu

Professor and Head, School of Industrial Engineering and Management; Donald and Cathey Humphreys Chair, Oklahoma State University, USA

Keynote Lecture (8:30-9:20, 28/6, Room A2.104)

Deterministic and Stochastic Models for Health Care Systems

Biography: Sunderesh S. Heragu is Regents Professor and Head of the School of Industrial Engineering and Management at Oklahoma State University where he holds the Donald and Cathey

Humphreys Chair. Previously, he was the Duthie Chair in Engineering Logistics and Director of the Logistics and Distribution Institute (LoDI) at the University of Louisville. He has also served as Professor of at Rensselaer Polytechnic Institute, Assistant Professor in State University of New York, Plattsburgh, and held visiting appointments at: State University of New York, Buffalo; Technical University of Eindhoven, the Netherlands; University of Twente, the Netherlands; and IBM's Thomas J. Watson Research Center in Yorktown Heights, NY. He is author of the 4th edition of Facilities Design and has authored or co-authored over two hundred articles. He has served as Principal investigator or co-investigator on research projects totaling over \$20 million funded by federal agencies such as the Department of Homeland Security, National Science Foundation, Defense Logistics Agency and private companies such as General Electric. Dr. Heragu is a Fellow of the Institute of Industrial and Systems Engineers (IISE). He has received IISE's

David F. Baker Distinguished Research award, Award for Technical Innovation in Industrial Engineering, two best paper awards from IIE Transactions on Design and Manufacturing Award, and the Gold Award of Excellence for leadership in Facilities Planning and Design.



Professor Evan Y. Snyder

Professor, Sanford Burnham Prebys (SBP) Medical Discovery Institute, Director, Center for Stem Cells & Regenerative Medicine, Director, Stem Cell Research Center; Sanford Children's Health Research Center; Department of Pediatrics, University of California-San Diego (UCSD); Biomedical Sciences Graduate

Program, University of California-San Diego (UCSD); Scientific Steering Committee, Sanford (San Diego) Consortium for Regenerative Medicine (SCRM)

Keynote Lecture (9:20-10:10, 28/6, Room A2.104)

Using Stem Cells to Model Neurological Disease & Advance Personalized Medicine

Biography: Evan Y. Snyder, who is regarded as one of the "fathers of the stem cell field", earned his M.D. and Ph.D. (in neuroscience) from the University of Pennsylvania and received training in Philosophy, Psyhology, and Linguistics at Oxford University. He began his career as a physicianscientist at Harvard Medical School and Boston Children's Hospital where. in addition to running a lab, remained clinically active in pediatrics, pediatric neurology, and newborn intensive care. After 23 years at Harvard, he was recruited to the Sanford-Burnham-Prebys Medical Discovery Institute and University of California-San Diego as Professor and founding director of the Center for Stem Cells & Regenerative Medicine and the Stem Cell Research Center & Core Facility. His lab studies the basic and translational biology of stem cells (particularly neural) with the goal of understanding normal and aberrant development, tissue homeostasis and plasticity, inter-cellular communication, oncogenesis, and recovery of function as well as using stem cells to model disease pathogenesis and pathophysiology (for pathway mapping, therapeutic target identification, and drug discovery). Clinicallyactive, a leader in regional ethics programs, and engaged in graduate and medical school education, Dr. Snyder often serves as a "bridge" between the basic science, clinical, and industrial communities. He served 2 terms as Chairman of the FDA's Cellular, Tissue, and Gene Therapy Advisory Committee.



Professor Alex Vitkin

Professor, Medical Biophysics & Radiation Oncology, University of Toronto

Keynote Lecture (10:30-11:20, 28/6, Room A2.104) Photon Mayhem: Using Light for Structural and Functional Assessment of Biological Tissues.

Biography: Alex Vitkin is a professor of Medical Biophysics and Radiation Oncology at the University of Toronto, a senior scientist at the University Health

Network, and a board-certified clinical medical physicist at Princess Margaret Cancer Centre (all in Toronto, Canada). He has published ~180 papers and book chapters on biophotonics, specializing in tissue polarimetry, microvascular / multi-functional optical coherence tomography, and optical fiber sensors. His research ranges from basic photonics and biophysics, to biomedical optics and bio-engineering and pre-clinical experimentation, thru to clinical translation. Through industrial linkages, he currently consults for several medical technology and biophotonics companies. He also serves on several national and international research grant panels, and is involved in organizing/ chairing international biophotonics conferences. He is the recipient of the 2017 Michael S. Patterson Publication Impact Prize in Medical Physics, awarded by the Canadian Organization of Medical Physicists. Dr. Vitkin is also a topical editor of Optics Letters, a Fellow of OSA and of SPIE, and a visiting professor at the Nizhny Novgorod State Medical Academy (Russia).



Professor Nigel Culkin

Professor, Enterprise & Entrepreneurial Development, Fellow & Past-President of the Institute of Small Business & Entrepreneurship (ISBE), University of Hertfordshire, Hertfordshire, UK

Keynote Lecture (11:20-12:10, 28/6, Room A2.104)

Entrepreneurial Universities in the Region: A Consensus for Change?

Biography: Dr. Nigel Culkin is a Senior Academic Manager at the University of Hertfordshire (UH) and rightly acknowledged as an expert in the field of

Entrepreneurship Education. He has published widely in the areas of small business leadership, entrepreneurial universities, graduate enterprise and digitalization, as well as completing projects for UK and overseas government agencies, large multinational organizations and Research Councils. He was awarded the title of Enterprise Educator at the UK National Enterprise Educator Awards in 2012; elected to the post of President at the

Institute for Small Business and Entrepreneurship (ISBE) in 2014 and in 2015 was invited to join the prestigious Peer Review College at the Economic and Social Research Council (ESRC). Nigel is a regular contributor at the UNCTAD Expert Meeting on entrepreneurship and building productive capacities, held every year in Geneva. His new book, Mastering Brexits Through The Ages: Entrepreneurial Innovators and Small Firms -The Catalysts for Success, was released in May 2018. Nigel served as a member of the All Party Parliamentary Group - Micro Business in the House of Commons, co-authoring the Group's most recent Report, An Education System Fit For An Entrepreneur. He was also Chair of the Higher Education Working Group, convened to support Lord Young, in the production of his Report, Enterprise for All. This third, and final report on enterprise was presented to the Prime Minister in June 2014, accepted by Cabinet in the same year. Nigel has attracted in excess of €24M investment to help implement the UH Enterprise Strategy, creating over 75 posts at UH. He has been a Non-Executive Director/Advisor on a number of high-technology early-stage ventures and is currently engaged on Scale-Up projects in Vietnam and the six Western Balkan states.

Professor Paul Milgram

Professor of University of Toronto, Department of Mechanical & Industrial Engineering, Institute of Biomaterials and Biomedical Engineering, Toronto, Canada

Keynote Lecture (13:00-13:50, 27/6, Room A2.401)

Augmenting the Field of View for Minimally

Invasive Surgery

Biography: Paul Milgram is a Full Professor in the Mechanical and Industrial Engineering Department at the University of Toronto (UofT), where he specialises in Human Factors Engineering. He is also cross-appointed to the UofT Institute of Biomaterials and Biomedical Engineering. When he is not teaching courses in engineering psychology. research methods in human factors, and calculus, Prof. Milgram's research relates to display, control and navigation issues in 3D (mixed reality) environments. His research also focuses on human factors issues related to health care in general and medical devices in particular. His recent research extends his long-term work with stereoscopic augmented reality to focus on applying digital imaging processing for enhancing operator displays. Application domains for his research include surgery, anaesthesiology, telerobotics, navigation, air traffic control and automobile driving. Before joining the UofT (in 1986), Paul Milgram worked as a senior human factors engineer at the National Aerospace Laboratory, in Amsterdam. His research leaves outside of Canada have included ATR in Kyoto, Japan; the Centre d'Etudes de la Navigation Aérienne (CENA) in Toulouse, France; the Universitat Politécnica de Catalunya in Barcelona, Spain: the Italian Institute of Technology in Genoa, Italy; and the Indian Institute of Technology Madras, in Chennai, India. During the 2017 -18 academic year, he is serving as a Visiting Professor in the Biomedical Engineering Department of the International University - Vietnam National Universities at Ho Chi Minh City.



Professor Yuncang Li

Implant Materials

Associate Professor, School of Engineering, RMIT University, Melbourne, Victoria, Australia Keynote Lecture (13:00-13:50, 27/6, Room A2.402) Development of Biocompatible Magnesium-Zirconium-Strontium Alloys for Biodegradable

Biography: Prof Yuncang Li obtained his PhD in Materials Science Engineering from Deakin University in 2004 and then took up a research position in

Biomaterials Engineering at Deakin University until the end of 2014. He joined RMIT University in 2015. He was awarded Australian Research Council (ARC) Future Fellowship in 2016. Dr Li has received ~ \$2 million in research funds over the past 10 years from various sources, including ARC and NHMRC. His research focuses on developing metallic biomaterials for medical applications. He has expertise in microstructure-mechanical property relationships, corrosion, and biocompatibility, surface modification, nanostructured metals and alloys, and metal foams.

Professor Lee Beom-Jin

President-elect Asian Association of Schools of Pharmacy, A Delegate to FIP, Dean and Professor of College of Pharmacy, Ajou University, Korea Keynote Lecture (13:00-13:50, 27/6, Room A2.413) Versatility of Fattigation Platform Nanoparticles

for Drug Delivery and Pharmaceutical **Applications**

Biography: Beom-Jin Lee is the Dean of, and full professor in, the College of Pharmacy, Ajou University. He was awarded his BSc and MSc from the College of Pharmacy, Seoul National University, Republic of Korea, and his PhD from the College of Pharmacy, Oregon State University, Corvallis, USA. His research interests include pharmaceutical sciences and drug development focusing on the controlled bioavailability of poorly soluble and poorly absorbable drugs; solubilization, formulation and development of patient-centric dosage forms; and advanced nano-based delivery systems using fattigation (fatty acid conjugation) and click chemistry. He has authored 170 peer-reviewed papers, 28 book chapters, and numerous oral and poster presentations. He has received more than 32 outstanding achievement awards from various governmental and other organizations. He is currently president-elect of the Asian Association of Schools of Pharmacy (AASP) and Korean Society of Pharmaceutical Science and Technology (KSPST), and a delegate of the International Pharmaceutical Federation (FIP). He also serves as an editorial board member of several peer-reviewed journals.



Professor Guillaume Haiat

Senior Researcher Director, French National Centre for Scientific Research, Paris Keynote Lecture (13:00-13:50, 27/6, Room A2.412)

Biomechanical Characterization of The Bone-Implant Interface: from In Silico Approaches to The Patient's Bed

Biography: Guillaume Haiat is currently senior research director in the Multiscale Modeling and Simulation laboratory located in the Paris area. He graduated from the Ecole Polytechnique in 1998 (X95)

in physical acoustics. He defended his PhD study at the French Atomic Energy Commission in 2004 in the domain of ultrasound non-destructive evaluation in the nuclear industry. Since 2004, he works in the domain of bone quantitative ultrasound and biomechanics. He is an associate editor of the journals J Acoust Soc Am, Med Eng Phys, Ultrasound Med Biol, J Mech Med Biol and Med. Eng. Phys. He is the PI of the Bonelmplant project funded by the European Research Council (ERC Consolidator grant), that focuses on the biomechanical determinants of the osseointegration phenomena.



Professor Nam-Trung Nguyen

Professor and Director, Queensland Micro- and Nanotechnology Centre, Griffith University, Queensland, Australia

Keynote Lecture (8:30-9:10, 28/6, Room A1.409)

Micro Magnetofluidics for Tissue Engineering and Rapid Disease Detection

Biography: Nam-Trung Nguyen received his Dip-Ing, Dr Ing and Dr Ing Habil degrees from Chemnitz University of Technology, Germany, in 1993, 1997 and 2004, respectively. The habilitation degree (Dr Ing

Habil) is the qualification for a full professorship in Germany. In 1998, he was a postdoctoral research engineer in the Berkeley Sensor and Actuator Center (University of California at Berkeley, USA). Prof Nguyen is the First Runner Up of Inaugural ProSPER.Net-Scopus Young Scientist Awards in Sustainable Development in 2009 and the Runner Up of ASAIHL-Scopus Young Scientist Awards in 2008. He is a Fellow of ASME and a Member of IEEE. Nguyen's research is focused on microfluidics, nanofluidics, micro/nanomachining technologies. micro/nanoscale science. and instrumentation for biomedical applications. He published over 320 journal papers and filed 8 patents, of which 3 were granted. Among the books he has written, the first and second editions of the bestseller "Fundamentals and Applications of Microfluidics" were published in 2002 and 2006, respectively. His latest book "Nanofluidics" was published in 2009. The second edition of the bestselling book "Micromixer" was acquired and published by Elsevier in 2011.



Professor Cuie Wen

Distinguished Professor, School of Engineering, RMIT University, Australia

Keynote Lecture (13:00-13:50, 28/6, Room A2.402)

Titanium Based Shape Memory Alloy Scaffolds

Titanium Based Shape Memory Alloy Scaffolds Fabricated by Electron Beam Melting

Biography: Cuie joined RMIT University as Professor of Biomaterials Engineering in 2014 and she has been appointed Distinguished Professor and has also been appointed ARC College of Experts in 2015. She was

Professor of Surface Engineering at Swinburne University of Technology from 2010 to 2014. She worked at Deakin University from 2003 to 2010 as Research Fellow, Senior Researcher and Associate Professor. Cuie has won a number of industrial and national competitive grants. Cuie has published more than 350 peer reviewed articles with an H index 41 and citations over 6514 (Google Scholar). Cuie has supervised 10 postdoctoral

research projects, 21 PhD students and 3 Master students to completion. She is an editorial board member for the journals of Acta Biomaterialia, and Bioactive Materials. Her research interests include new biocompatible titanium, magnesium, iron, zinc and their alloys and scaffolds for biomedical applications, surface modification, nanostructured metals, alloys and composites, metal foams and nanolaminates.



Professor Ping Xue

Tomography Imaging

Professor, Department of Physics, Tsinghua University, China Keynote Lecture (13:00-13:50, 28/6, Room A2.412) Ultrahigh Speed 3D Optical Coherence

Biography: Professor Ping Xue is a principal investigator and deputy director in the State Key Laboratory of Low-Dimensional Quantum Physics and Department of Physics at Tsinghua University in China. He received his S.B. in Applied Physics and

Ph.D. in Optics from Tsinghua University in 1988 and 1993 respectively. He was a visiting scientist in the Research Laboratory of Electronics (RLE) at the Massachusetts Institute of Technology from 2001 to 2002. He joined the Tsinghua University faculty in 1993 and is currently a full Professor in Department of Physics at Tsinghua University. He is a senior member of Chinese Society of Physics, Chinese Society of Optics, IEEE, the Society of Photo-Optical Instrumentation Engineers (SPIE) & Optical Society of America (OSA). He also serves as Deputy director of the Science Popularization Committee, Chinese Academy of Physics. He is the co-author of two books, more than 150 articles, 15 inventions and many invited talks at international conferences. Professor Xue's research involves biomedical imaging, optical coherence tomography, advanced laser technology, laser spectroscopy and optical informatics.



Professor Masahiro Takei

Professor, Department of Mechanical Engineering, Medical System Engineering, Chiba University, Japan Keynote Lecture (15:00-15:50, 28/6, Room A2.413) Electrical impedance spectroscopy tomography and its medical engineering application

Biography: Masahiro Takei received his B.Eng., M.Sc and Ph.D. degrees from Waseda University, Tokyo, Japan. He is a professor and the vice dean of graduate

school of engineering in Chiba University, Japan. He worked in University Leeds as a guest researcher in UK by the Royal Society UK in 2007. His research interest includes multiphase flow dynamics, visualization and measurement, process tomography and inverse problem, microfluidics and bio application. In a biomedical fields, recently he is developing lymphedema detection in human body, thrombus detection in a blood flow, abnormal cell detection a micro channel by Electro spectroscopy impedance tomography. He is Guest Editor of Measurement Science and Technology published by Institute of Physics, Guest Editor of Flow Measurement and Instrumentation published by Elsevier, Editorial Board Member of Journal of Visualization published by Springer. He was the President of International Society for Industrial Process Tomography (ISIPT) (Headquarter UK).

	Day 1: 27 Jun, 2018	
8:00 - 8:30	REGISTRATION	A2 Hall
8:30 - 9:30	Conference Opening Ceremony	Room
9:30 - 10:20	Keynote Lecture 1	A2.104
10:20 - 10:30	Group photo taking	A2.104
10:30 – 10:50	Coffee Break – Poster Viewing	1 st floor
10:50 - 11:40	Keynote Lecture 2	Room
11:40 – 11:50	Keylab Award Ceremony	A2.104
11:50 – 12:00	MOU signing	A2.10 4
12:00 – 13:00	Lunch	A2.205
12.00 - 15.00	Poster Viewing	4 th floor
13:00 – 14:40	Session W3A ¹ , W3B, W3C, W3D, W3E, W3F,W3G	
14:40 – 15:00	Coffee Break – Poster Viewing	4 th floor
15:00 – 17:30	Session W4A, W4B, W4C, W4D, W4E, W4F, W3G	
17:30 – 18:00	Travelling to Van Thanh Tourist Park	
18:00 – 20:00	BANQUET at Van Thanh Tourist Park	
	Day 2: 28 Jun, 2018	
8:00 – 8:30	Keynote Lecture 3	Room
8:30 – 9:20	Keynote Lecture 4	A2.104
9:20 – 10:10	Keynote Lecture 5	
10:10 – 10:30	Coffee Break – Poster Viewing	1 st floor
10:30 - 11:20	Keynote Lecture 6	Room
11:20 – 12:10	Keynote Lecture 7	A2.104
12:10 – 13:00	Lunch	A2.205
	Poster Viewing	4 th floor
13:00 – 14:40	Session T3A, T3B, T3C, T3D, T3E, T3F, T3G	
14:40 – 15:00	Coffee Break – Poster Viewing	4 th floor
15:00 – 17:30	Session T4A, T4B, T4C, T4D, T4F, T4G	
	Day 3: 29 Jun, 2018	r
8:00 – 10:05	Session F1A, F1B, F1C, F1D*, F1E, F1F, F1G	
10:05 - 10:20	Coffee Break – Poster Viewing	4 th floor
10:20 – 12:00	Session F2A, F2B, F2C, F2D*, F2E, F2F, F2G	
12:00 – 13:00	Lunch	A2.205
	Poster Viewing	4 th floor
13:00 – 14:40	Session F3A, F3B, F3D*, F3E, F3F, F3G	
14:40 – 15:00	Coffee Break – Poster Viewing	4 th floor
15:00 – 16:40	Session F4D*, F4E, F4F	
8:00 – 17:30	Exihibition Session	4 th floor
	(All three days: 27, 28, and 29 Jun, 2018)	Hallway

¹ W/T/F=Wed/Thu/Fri - 1/2/3/4: 8h-10h/10h20-12h/13h-14h40/15h-17h30 -

A/B/C/D/: Room A2.401/A2.402/A2.413/A2.412 E/F/G/D*: Room A2.411/A2.410/A2.507/A2.104

Day 1: 27 Jun, 2018	}							
8:00 - 8:30	REGISTRATION							
PLENARY SESSION	N W1 - Room: A2.104							
8:30 - 9:30	Conference Opening Ceremony	Conference Opening Ceremony						
9:30 – 10:20	Keynote Lecture by Jeff Bulte							
9.30 - 10.20	Clinically Applicable MR Tracking of Nak	ed, Scaffolded and Encapsulated Cells						
10:20 - 10:30	Group photo (A2 Building Entrance)							
10:30 - 10:50	COFFEE BREAK - POSTER VIEWIN	l G						
PLENARY SESSION	N W2 – Room: A2.104							
10:50 – 11:40	Keynote Lecture by Ruth Nussinov							
	Oncogenic K-Ras signaling and drug dis	scovery						
11:40 – 11:50	Award Ceremony: Keylab prize							
11:50– 12:00		Chung Hsing University, Taiwan & between	BME Dept. – IU, Vietnam and BMSE Dep	t. – GIST, South Korea				
12:00 – 13:00	LUNCH – POSTER VIEWING							
PARALLEL SESSION W3	W3A: Medical Instrumentations – Room: A2.401	W3B: Biomaterials and 3D Printing – Room: A2.402	W3C: Nanomedicine & Drug Delivery Systems – Room: A2.413	W3D: Biomechanics – Room: A2.412	W3E: Translational Health Science and Technology for Developing Countries – Room: A2.411	W3F: Recent computational and experimental advances in molecular medicine – Room: A2.410	W3G: Newton Workshop: Healthcare opportunities for developing countries – Room: A2.507	
SESSION CHAIR	Paul Milgram	Yuncang Li	Lee Beom-Jin	Guillaume Haiat	Thanh Vo	Paolo Carloni		
13:00 – 13:50	Keynote lecture Paul Milgram 206. Augmenting the Field of View for Minimally Invasive Surgery	Keynote lecture Yuncang Li 43. Development of Biocompatible Magnesium-Zirconium-Strontium Alloys for Biodegradable Implant Materials	Keynote lecture Lee Beom-Jin Versatility of Fattigation Platform Nanoparticles in Drug Delivery and Pharmaceutical Applications	Keynote lecture Guillaume Haiat Biomechanical Characterization of The Bone-Implant Interface: from In Silico Approaches to the Patient's Bed	Keynote lecture Thanh Vo How to Develop the New Techniques of The Spinal Surgery in Vietnam (As Developing Country)			
13:50 – 14:15	62. Vu Duy Hai, Lai Huu Phuong Trung, Pham Manh Hung, Dao Viet Hung, Pham Phuc Ngoc, Phan Dang Hung, Chu Quang Dan and Tran Quoc Vi - Design of Noninvasive Hemodynamic Monitoring Equipment using Impedance Cardiography	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	22. Sohyeon Park, Sungwon Jung and Jinkee Hong - Nano-Films for Interfacial Innovation for the Biomedical Technology	47. Minh-Hien Ngo Thi, Quang-Linh Huynh, Kim-Mai Nguyen Thi, Thuc- Minh Vo Hoang, My-Anh Nguyen Thi and Ngoc-Thang Nguyen - Bio-safety and Bio-efficiency of Micro-plasma Exposure to Fibroblast Cells L929	Phan Anh Tuan, Vo Van Thanh - VVT laminoplasty-A New Technique of Modified Hirabayashi- with Lateral Mass Screwing and Spinous Process Wiring for Cervical Myelopathy	KeyLab Program	Newton Workshop Program	
14:15 – 14:40	197. Tohru Tani, Atsushi Yamada, Dang Khiem, Shigeyuki Naka, Soichiro Tani and Nguyen Vinh - Overview of Our less Invasive Operation System – Development of Three Dimensional Real-time MR Image Guided Operation System Using Microwave Devices and Relating Technologies –	210. Dang Ngoc Thao Nhi, Le Phuong Hien, Vo Van Toi and Hiep Thi Nguyen - Investigation of Biphasic Calcium Phosphate on Dentin Occlusion for Dentin Hypersensitivity Treatment	52. Binh Long Vong and Yukio Nagasaki - Redox Polymeric Nanoparticle as an Effective Oral Nanotherapeutics for Inflammatory Bowel Disease and Cancera	184. Mai Ngoc Anh, Tran Duc Tang, Le Chi Hieu, Vuong Tien Trung, Nguyen Huu Tu, Le Hoai Quoc and Huynh Le Minh - Cost-effective Design & Development of a Prosthetic Hand	Le Minh Tri, Vo Van Thanh - The One Stage combined Approaches in Lateral Decubitus in using The Anterior Mini- open Thoracotomy or Lumbotomy for Decompression- Interbody Fusion- Fixation and Posterior Pedicle Screw Fixation for Unstable Thoraco-Lumbar Burst Fractures			
14:40 - 15:00	COFFEE BREAK - POSTER VIEWIN	IG						

PARALLEL SESSION W4	W4A: Medical Instrumentations – Room: A2.401	W4B: Biomaterials and 3D Printing – Room: A2.402	W4C: Nanomedicine & Drug Delivery Systems – Room: A2.413	W4D: Round table discussion – Room: A2.412	W4E: Translational Health Science and Technology for Developing Countries – Room: A2.411	W4F: Recent computational and experimental advances in molecular medicine – Room: A2.410	W4G: Newton Workshop: Healthcare opportunities for developing countries – Room: A2.507
SESSION CHAIR	Paul Milgram	Cuie Wen	Lee Beom-Jin	Vo Van Toi	Thanh Vo	Paolo Carloni	
15:00 – 15:25	186. Atsushi Yamada, Norihisa Nitta, Shigeyuki Naka, Khiem Tran Dang, Shigehiro Morikawa and Tohru Tani - Design and Implementation of Loop Shaped Steering Mechanisms for Flexible Needles	156. Thi Duy Hanh Le, Volha Liaudanskaya, Walter Bonani, Antonella Motta and Claudio Migliaresi - Diatom Particles: A Promising Osteoinductive Agent of Silk Fibroin- Based Scaffold for Bone Regeneration	117. Diem Huong Tran Nguyen, Dong Yen Pham Nguyen, Linh Phuong Tran Pham, Thanh Nguyet Nguyen Vo, Dai Hai Nguyen and Ki Dong Park - Preparation and Characterization of Redox-Densitive Pluronic F127-based Nanogel as Effective Nanocarrier for Drug Delivery		Tran Hoang Manh, Vo Van Thanh - Using the Set Square to Determine the Ideal Entrance Point and Angle of Screw for Lower Cervical Pedicle Screw Placement		
15:25 – 15:50	187. Atsushi Yamada, Shigeyuki Naka, Khiem Tran Dang, Shigehiro Morikawa and Tohru Tani - Development of an MR-Compatible High-Definition Flexible Endoscope for Real-Time MR Image-Guided Microwave Ablation	191. Hoang Phuc Dang, Phong A. Tran and Dietmar W. Hutmacher - The Use of 3D Printed Microporous-Strut Polycaprolactone Scaffolds for Targeted Local Delivery of Chemotherapeutic Agent for Breast Cancer Application	123. Ngoc Thuy Trang Le, Yen Nhi Nguyen Thi, Bac Ly Pham Thi, Ngoc Lin Hoang, Cuu Khoa Nguyen and Dai Hai Nguyen - Nanoliposomes as An Efficient Drug Carrier System for Paclitaxel Delivery	VVToi, Guillaume Haiat, Jeff Bulte	Ho Nhut Tam, Le Minh Tri, Vo Ngoc Thien An, Vo Van Thanh - Combined Anterior and Posterior Approaches in Lateral Positioning for Thoracic Spinal Tuberculosis	KeyLab Program	
15:50 – 16:15	199. Sun I. Kim, Jongshill Lee, Dong Pyo Jang and In Young Kim - Development of Bio-Signal Acquisition and Processing System and Its Utilization for Educational Purpose	132. My Nguyen, Tuyet Le and Ha Tran - Fabrication of Vascular Patch from Porcine Pericardium	126. Ngoc Tram Nguyen Thi, Hoang Le and Dai Hai Nguyen - Engineering of Hollow Mesoporous Silica Nanoparticles enhancing Drug-loading Capacity		Vo Ngoc Thien An, Ho Nhut Tam, Vo Van Thanh - Minimal Invasive Tateru Shiraishi Laminoplasty with Preservation of The Posterior Stabilizing Cervical Muscle Complex for Cervical Spondylotic Myelopathy		Newton Workshop Program
16:15 – 16:40	16. Minh Hoàng Lý, Minh Khang Nguyễn, Tùng Nhi Trần, Tin Thanh Dang and Anh Dinh - A Non-contact Human Body Height and Weight Measurement Approach using Ultrasonic Sensor	185. Gui Wang and Nghiem Doan - Effect of Magnesium on Mechanical Properties and Degradability of Binary Zn-Mg Alloys	167. Hang Ta - Novel Bionano- Solutions for Diagnosis and Treatment of Cardiovascular Disease		io. commande injurispanily		
16:40 – 17:05	45. Thanh Hai Le and Pham Hien - Brain Tumor Segmentation using U- Net based Deep Neural Networks	111. Quan To Minh, Quoc Thang Bui, Van Trinh Ngoc Le, Tuyet Le Thi Vy, Tri Le Quang, Anh Pham Tho Tuan and Ha Tran Le Bao - A Suitable Protocol to Prepare Decellularized Porcine Vessel for Cardiovascular Surgery	90. Ly Loan Khanh, Nguyen Thi Hiep and Vo Van Toi - Fabrication of Gelatin loaded Curcumin/Silver scaffold				
17:05 – 17:30 18:00 – 20:00	BANQUET at Van Thanh Tourist Par	209. Dang Ngoc Thao Nhi, Le Phuong Hien, Vo Van Toi and Hiep Thi Nguyen - A Comparative Study on Hydroxyapatite Derived from Bovine Bones and Synthetic Sources					

Day 2: 28 Jun, 2018	N T1 – Room: A2.104						
PLENARY SESSION							
8:00 - 8:30	Keynote Lecture by Wellington Pha						
	Molecular Imaging in The Era of Precision						
8:30 – 9:20	Keynote Lecture by Heragu Sunder						T1G: Newton Workshop:
	Deterministic and Stochastic Models for	Health Care Systems					Technological Development in
9:20 – 10:10	Keynote Lecture by Evan Snyder						Microfluidics, and Point-of-Care
		Disease & Advance Personalized Medicin	9				Room: A2.507
10:10– 10:30	COFFEE BREAK – POSTER VIEWIN	IG					
PLENARY SESSION T2 – Room: A2.104						T2G: Newton Workshop: Lab-on a-chip & Point of care technologies - Room: A2.507	
10.00 44.00	Keynote Lecture by Alex Vitkin						
10:30 – 11:20		ral and Functional Assessment of Biologica	l Tissues.				No. 1 a Walalaa Baasaa
11.00.10.10	Keynote Lecture by Nigel Culkin						Newton Workshop Program
11:20– 12:10	Entrepreneurial Universities in the Region	n: A Consensus for Change?					
12:10 – 13:00	LUNCH – POSTER VIEWING						
PARALLEL SESSION T3	T3A: Medical Instrumentations – Room: A2.401	T3B: Regenerative Medicine & Tissue Engineering – Room: A2.402	T3C: Nanomedicine & Drug Delivery Systems – Room: A2.413	T3D: Biophotonics – Room: A2.412	T3E: Round Table Discussion – Room: A2.411	T3F: Recent computational and experimental advances in molecular medicine – Room: A2.410	T3G: Newton Workshop - SHTP Tour
SESSION CHAIR	Paul Milgram	Nguyen Thi Hiep Nghiem Doan	Lee Beom-Jin	Pham Thi Thu Hien Ngo Thanh Hoan	Vo Van Toi	Nguyen The Toan	
13:00 – 13:25	25. Loc Luu and Anh Dinh - Detection of Systole and Diastole Points using Interpolation Method on Seismocardiogram	Keynote lecture Cuie Wen 46. Titanium Based Shape Memory	21. Thanh Tk Nguyen - Plasmonic and Magnetic Nanoparticles for Biomedical	70. Ping Xue - Ultrahigh Speed 3D Optical Coherence Tomography			
13:25 – 13:50	17. Võ Thanh Kiên Nguyễn, Mỹ Linh Tăng, Tin Thanh Dang and Anh Dinh - Application of Computational Anatomy in Primarily Diagnosing Cardiac Status	Alloy Scaffolds Fabricated by Electron Beam Melting	Applications	Imaging			
13:50 – 14:15	200. Viet Tran, Nam Nguyen, Toi Vo and Thai Do - Implementation of a Pilot Cyber Medical System with Blood Pressure Devices for Telemedicine in Binh Duong Province (Vietnam)	Polyurethanes Made of 1,6-Hexane Diisocyanate and Polytetramethylene Oxide	23. Anton Fojtik - Laser for NANO (Biomedical); Pioneering Pulsed Laser Synthesis of Colloids.	34. Thao Pham, Kristen Tgavalekos, Angelo Sassaroli and Sergio Fantini - Coherent Hemodynamics Spectroscopy for Dynamic Measurements of Absolute Cerebral Blood Flow	VVToi, Sun Kim (HanYang, Korea), NTHiep	KeyLab Program	SHTP Tour
14:15 – 14:40	163. Thai Do and Toi Vo - A Low Cost High Voltage Power Supply to Use in Electrospinning Machines	55. Le Nguyen Hoang Mai, Nga Nguyen Thi, Giang Nguyen Dien Thanh, Thanh Nguyen Thi Ngoc and Hue Nguyen Thi - Optimization of High Resolution Melting (HRM) Method for Genotyping and Estimating Frequency of SNP rs4284505 in The Vietnamese Breast Cancer	148. Phan Thi Thanh Hue and Nguyen Van Cuong - Synthesis of Curcumin- Loaded Chitosan/ Poly(Ethylene Glycol-Poly(Caprolactone) Nano Composite for Medicine Applications	203. Minhee Kim, Thien Nguyen, Jung Lee, Kun Lee, Kyu Choi, Jung Park, Byeong Kim, Jeonghwan Gwak and Jae G. Kim - Investigation of Cerebral Hemodynamic Changes in Mild Cognitive Impairment due to Alzheimer's Disease during A Verbal Fluency Task			

PARALLEL SESSION T4	T4A: Workshop in Medical Instrumentations and Entrepreneurship– Room: A2.401	T4B: Regenerative Medicine & Tissue Engineering – Room: A2.402	T4C: Lab-on-a-chip & Point of care technologies - Room: A2.413	T4D: Biophotonics – Room: A2.412	T4F: Recent computational and experimental advances in molecular medicine – Room: A2.410	T4G: Newton Workshop - SHTP Tour
SESSION CHAIR	Nigel Culkin	Nguyen Thi Hiep Nghiem Doan	Masahiro Takei	Pham Thi Thu Hien Ngo Thanh Hoan	Nguyen The Toan	
15:00 – 15:25	83. Quoc Huynh, Uyen Nguyen and Binh Tran - A Cloud Based System for In-Home Fall Detection and Activity Assessment	95. Laura Truong, Nghiem Doan, Peter Reher and Thien Duong - Dental Implant or Dental Transplant: A Two Case Report	Koungto locture	29. Viet-Hoan Le, Ki Hean Kim and Seunghun Lee - In Vivo Longitudinal Visualization of Bone Marrow Engraftment Process in Mouse Calvarium Bone Marrow with Two- Photon Microscopy		
15:25 – 15:50	120. Thinh Nguyen, An Nguyen, Y Nguyen, Toi Vo, Thien Nguyen and Hai Phan - An Accuracy and Reliability Comparison Study of Electronic Uroflowmetry Devices	171. Truc-Thanh Nguyen, My-An Nguyen-Le and Hiep-Thi Nguyen - Fabrication pf Novel Injectable Bone Substitute N,O Carboxymethyl Chitosan (NOCC) - Aldehyde Hyaluronic Acid (AHA) - Biphasic Calcium Phosphate (BCP)— Polyvinyl Phosphonic Acid (PVPA) for Bone Regeneration	Keynote lecture Masahiro Takei - Electrical impedance spectroscopy tomography and its medical engineering application	149. Tran Thanh-Long and Pham Thi- Thu-Hien - Designing and Building the Vein Finder System Utilizing Near- Infared Technique	Koul oh Drogram	SHTP Tour
15:50 – 16:15	188. Khiem Tran Dang, Tohru Tani, Shigeyuki Naka, Atsushi Yamada and Soichiro Tani - Comparative study of Novel Microwave Coagulation Surgical Instrument and Currently Commercialized Energy Devices in an Animal Model	170. Huy Quang Do, Thanh Minh Dang, Nam Hai Nguyen, Trinh Van Le, Tien-Trieu Pham-Le, Luan Van Tran, Tuong-Vi Thi Pham, Vinh Xuan Dinh Nguyen, Khon Chan Huynh, Ai-Xuan Le Holterman and Nhung Hai Truong - Granulocyte Colony-Stimulating Factor Alleviates the Pathological Condition in Bile Duct Ligation in Mice	30. Ching-Fang Wang and Shu-Ping Lin - The Detections of Glucose, Galactose, and Dopamine by Boron- Modified Silicon Nanowires Field-Effect Transistor		KeyLab Program	SHIP Tour
16:15 – 16:40	207. Cuc Bui, Phat Huynh, Hao Phan, Trung Le and Toi Vo - Developing neural fuzzy-based unscented Kalman Filter model for atrial fibrillation onset prediction	92. Nghiem Doan, Laura Truong, Joshua Doan and Peter Reher - Overcoming Single Dental Implant Failure using Two Small Implant Support for One Crown: Five Year Retrospective Study	31. Nai-Jia Chen and Shu-Ping Lin - The Electrical Effects of Reduced Graphene Oxide Nanoribbons under the Exposure of Varied Wavelengthes of Light	Meeting between BME Department - IU, Vietnam and BMSE Department- GIST, South Korea (VVToi, Jae Kim, NTHoan, PTTHien)		
16:40 – 17:05	219. Quyen Bao Thi Huynh, Huy Quoc Pham, Nhung Nguyen, Trung Quoc Le and Toi Van Vo - Modeling of acoustic tweezers for the manipulation in biological medial	94. Joshua Doan, Laura Truong, Peter Reher and Nghiem Doan - A Three Year Retrospective Study on the Use of Concentrated Growth Factor (CGF) on Dental Patients Who Undergo Oral Regenerative Treatment	179. Han Ly, Thanh-Xuan Le, Hoang-Tuan Nguyen, Van-Toi Vo, Dong Le Thanh, Thuy Vy Pham, Cécile M. Perrault and Khon Huynh - Improvements in DNA Extraction and Loop-mediated Isothermal Amplification (LAMP) assist Application of LAMP on Malaria Point-of-care Diagnostic Devices.			
17:05 – 17:30	Case Study: Pitching Presentation	202. Linh Thuy Ba Nguyen, Thi-Hiep Nguyen, Chan-Khon Huynh, Byong- Taek Lee and Hua Ye - Composite Nano-Fiber Mats Consisting of Biphasic Calcium Phosphate Loaded Polyvinyl Alcohol – Gelatin for Biomedical Applications	33. Kai-Wei Shih and Shu-Ping Lin - The Platform of Vaccine Development Using Silicon Nanowire Field-Effect Transistors			

Day 3: 29 Jun, 2018	3						
PARALLEL SESSION F1	F1A: Biomedical Signal and Image Processing – Room: A2.401	F1B: Public Health – Room: A2.402	F1C: Advanced Technologies in Sleep Diagnosis and Sleep Medicine – Room: A2.413	F1D*: Cell Reprogramming and Reproductive Biotechnology Session – Room: A2.104	F1E: Tutorial sessions – Room: A2.411	F1F: Recent computational and experimental advances in molecular medicine – Room: A2.410	F1G: Newton Workshop: Nanomedicine & Drug Delivery Systems – Room: A2.507
SESSION CHAIR	Vu Duy Hai	Nguyen Le Thanh An Thanh Bui	Duong Quy Si	Nguyen Van Thuan		Ruth Nussinov	
8:00 – 8:25	18. Đình Nguyên Nguyễn, Duy Quang Nguyễn, Tin Thanh Dang and Anh Dinh - Counting Eyes Blinking using Haar Cascade and A Handy Way to Diagnose Dry Eyes Disease 50. Vo Thi Hong Tuyet, Nguyen Thanh	49. Thanh Bui - Mobile-Health to Support Smoking Cessation in Developing Countries: A Pilot Study in	Duong-Quy Si- The Role of Biomarkers for Diagnosis of OSA "Fact and				
8:25 – 8:50	Binh and Nguyen Chi Thanh - Edge Detection in Low-Quality Medical Images based on Augmented Lagrangian Method and B-spline	Cambodia	Challenges"				
8:50 – 9:15	68. Tran Thanh Huy, Le Quoc Khai and Huynh Quang Linh - Analyzing the Brain's Response with Visual Stimulation in Reality and Imaginary	54. Men Nguyenthi, Hang Dang Thuy and Minh Nguyễn Hồng - Model of Information Technology in Management of Medical Equipment.	136. Tien Hoang Anh and Duc Nguyen Huu - Study of Sleep Apnea Syndrome in The Patients with Cardiovascular Risk	- Cell Reprogramming Program	Tutorial session	KeyLab Program	Newton workshop
9:15 – 9:40	96. Geon Gi, Tae Yeon Kim, Hye Min Park, Jeong Min Park, Dong-Luong Dinh, Soo Yeol Lee and Tae-Seong Kim - Real-time 3D Pose Estimation of Both Human Hands via RGB-Depth Camera and Deep Convolutional Neural Networks	59. Anh Bui, Dao Trung, Ky Minh, Trung Nguyen, Hung Dinh, Lien Tran, Nga Nguyen, Priya Vohra, Keven Ji, Eunice Lee, James Campbell and Walter Lee - Establishing a Healthcare Research Network in Vietnam: A Platform for Collaborative Quality Improvement	91. Laura Truong, Joshua Doan, Peter Reher and Nghiem Doan - Application of Oxygen on Gagging Patients with Sleep Disordered Breathing: Ten Year Retrospective Study	Con repregramming Flogram	Tutoriai 3C33011	NoyLab i logialii	Newton workshop
9:40 – 10:05	107. Hung Do, Kien Trang, Van-Su Tran, Linh Mai and Minh-Thanh Vo - Automatic Facial Expression Recognition System using Convolutional Neural Networks	194. Khanh Thien Nguyen, Phin Peng Lee, Paul Yock, Ngian Chye Tan, Hiang Khoon Tan and Walter T Lee - Value Signposts in Medtech Development: An Experience from The Field.	Trung Le - Predictive Diagnosis and Preventive Treatment of Obstructive Sleep Apnea.				
10:05 – 10:20	COFFEE BREAK – POSTER VIEWIN	G					
PARALLEL SESSION F2	F2A: Biomedical Signal and Image Processing – Room: A2.401	F2B: Public Health – Room: A2.402	F2C: Biotechnology – Room: A2.413	F2D*: Cell Reprogramming and Reproductive Biotechnology Session – Room: A2.104	F2E: Tutorial sessions – Room: A2.411	F2F: Recent computational and experimental advances in molecular medicine – Room: A2.410	F2G: Newton Workshop – Room: A2.507
SESSION CHAIR	Vu Duy Hai	Nguyen Le Thanh An Thanh Bui	Tien Hoang Anh	Nguyen Van Thuan		Ruth Nussinov	
10:20 – 10:45	146. Binh Duong Van, Nghia Nguyen Thanh, Hai Nguyen Thanh and Hung Nguyen Manh - Design of Classifier for Electrocardiography Classification	175. Thi Ngoc Mai Nguyen, Quang Chung Tran, Dat Duong and Ngoc Anh Mai - Design of a Medical Expert System for Consulting Tuberculosis Diagnosis in Vietnam Rural Areas	14. Tuan Anh Nguyen and Vu Thuc Oanh Ta - Interaction between Flouro Emulsion and Silane Quaternary Ammonium Salt on Dual Antibacterial and Hydrophobic Fabric of Surgical Gown	Cell Reprogramming Program	Tutorial session	KeyLab Program	Newton workshop
10:45 – 11:10	151. Vien Nguyen Phuc, Hai Nguyen Thanh and Dat Ngo Duc - DWT Algorithm for Iris Recognition	127. Nghiem Doan, Huan Do and Hieu Tran - Oral Impacts on Daily Performances of Children 12 and 15- Year-Old in Can Tho City	135. Tien Hoang Anh, Truc Tran Thi Thanh and Nhan Vo Thanh - Combination of SST2 and BNP in Predicting The Mortality of ST- Elevation Myocardial Infarction				

11:10 – 11:35	155. Le Van Dang, Stanislav S. Makhanov, Le Chi Hieu and Michael Packianather - Development of a Fingerprint Singularity Detection Method based on Moment Invariants for Biometrics and Medical Applications	218. D.T. Nguyen, V.A. Nguyen, L.D. Do and N. Doan - An Evaluation On Initial Deficiency Of Left Ventricular Systolic Function In Patients With Systemic Hypertension By Speckle Tracking Echocardiography	204. Vuong M. Pham, Tu H. Nguyen, Tayo Katano, Shinji Matsumura, Akira Saito, Akihiro Yamada, Hidemasa Furue and Seiji Ito - Delayed Nerve Regeneration in Type-2 Diabetic Mice				
11:35 – 12:00	162. Nguyen Thanh Binh, Nguyen Huu The, Vo Thi Hong Tuyet, Nguyen Chi Thanh and Nguyen Mong Hien - Pancreas Segmentation in Medical Images based on Gaussian Mixture Model in Bandlet Domain	216. T.Q. Huynh, D.N. Tran, T.P. Chau, M.T. Nguyen and Nghiem Doan - Biological Alterations of Lung Carcinoma	36. Ngoc Thuy Linh Do, Quynh Ngan Tran, Trong Thuc Nguyen, Ngoc Phuc Chau Do and Thi Thu Hoai Nguyen - Effects of Culture Conditions on the Antimicrobial Activity in Streptomyces SPP.				
12:00 - 13:00	LUNCH – POSTER VIEWING						
PARALLEL SESSION F3	F3A: Biomedical Signal and Image Processing – Room: A2.401	F3B: Public Health: Cancer Therapy and Reconstructive surgery – Room: A2.402		F3D*: Cell Reprogramming and Reproductive Biotechnology Session – Room: A2.104	F3E: Tutorial sessions – Room: A2.411	F3F: Recent computational and experimental advances in molecular medicine – Room: A2.410	F3G: Newton Workshop - Room: A2.507
SESSION CHAIR	Vu Duy Hai	Thang Quyet Huynh Thanh Bui		Nguyen Van Thuan		Paolo Carloni	
13:00 – 13:25	53. Van Duong Nguyen, Van Thanh Pham, Van An Tran, Tuan Khai Nguyen, Thuy Hang Duong Thi, The Hop Hoang and Duc-Tan Tran - Elevator Motion States Recognition using Barometer Support Indoor Positioning System	217. T.Q. Huynh, D.N. Tran, T.P. Chau, T.M. Huynh, C.H. Trinh and Nghiem Doan - An overview of Immune Checkpoints and Immunotherapy In Cancer					
13:25 – 13:50	81. Anh Vo, Trung Le, Toi Vo and Trieu Le - Predictive Modelling for Cardiovascular Disease Mortality in Intensive Care Units	176. Thang Huynh, Phong Nguyen, Dung Tran and Nghiem Doan - Molecular Alteration of Kras, Nras, Braf, Pik3ca And Pten Loss in Colorectal Adenocarcinoma at Can Tho Oncology Hospital	Backup room	Cell Reprogramming Program	Tutorial session	KeyLab Program	Newton workshop
13:50 – 14:15	72. Nguyen Thi Minh Huong, Nguyen Trong Nguyen and Huynh Quang Linh - The Characteristics of The Event- Related Potentials with Visual Stimulus	215. Thang Huynh Quyet and Nghiem Doan - Primarily Surgical Treatment of Cervical Cancers Diagnosed in Stages IA - IIA at Can Tho Oncology Hospital: An Overview Of 9 Years' Experience 2000-2008					
14:15 – 14:40	76. Tram Anh Pham Thi, Diem Hang Nguyen Thi, Khai Le Quoc and Quang Linh Huynh - Application of Portable EEG Device in Detection and Classification Drowsiness by Support Vector Machine	173. Thang Huynh, Hien Tong, Hien Long, Kha Vo, Luat Huynh, Hien Pham and Nghiem Doan - Lymph Node Dissection by Laparoscopic Surgery in Patients Underwent Right Colon Cancer Treatment					
14:40 - 15:00	COFFEE BREAK - POSTER VIEWIN	G					
PARALLEL SESSION F4				F4D*: Cell Reprogramming and Reproductive Biotechnology Session – Room: A2.104	F4E: Tutorial sessions – Room: A2.411	F4F: Recent computational and experimental advances in molecular medicine – Room: A2.410	
SESSION CHAIR				Nguyen Van Thuan		Paolo Carloni	
15:00 – 16:40	Backup room	Backup room	Backup room	Cell Reprogramming Program	Tutorial session	KeyLab Program	

Day 1: 27 Jun, 2018

W1: Medical Instrumentations

- 19. Thanh Hang Nguyen, Thi Ngoc Thao Pham, Tin Thanh Dang and Anh Dinh Noncontact Body Temperature Measurement
- 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
- 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
- 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
- 166. Thai Do and Nam Nguyen Development of a Pulse Oximeter for E-Health Applications
- 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-

W2: Biomaterials and 3D printing

- 8. Natechanok Thinkumrob, Ployvarin Wiangkaew and Asst.Prof.Dr.Jitrayut Jitonnom Mechanism of Cationic Polymerization of 2-Oxazoline by a Zirconocene/Borate Catalyst: A Computational Study
- 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

W3: Biomechanics

- 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
- 101. Madoka Koishi, Tran Anh Kiet, Jianping Li and Masahiro Takei Permittivity Measurement for Thrombus Detecting at Connector Gap in Extracorporeal Blood Circulating System
- 103. Tran Anh Kiet, Jianping Li, Huynh Chan Khon and Masahiro Takei Investigating Dielectric Properties of Hemolysis by Electrical Impedance Spectroscopy
- 104. Ryota Yanagisawa, Marlin Ramadhanbaidillah, Alamin Saichuliman, Panji Nursetiadarma, Huang Jingshi and Masahiro Takei An Electrical Impedance Tomography Sensor with Different Diameter
- 110. Cong-Truyen Duong, Cong-Dat Le and Duc-Nam Nguyen Effect of Surface Roughness on Friction of Cocrmo-on-uhmwpe Bearings in Total Hip Arthroplasty under Lubrication of Bovine Serum Albumin

W4: Recent computational and experimental advances in molecular medicine

- 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
- 28. Wijitra Meelua and Jitrayut Jitonnom -Theoretical Studies on Aluminum Trialkoxide-initiated Lactone Ring-opening Polymerizations
- 168. Thanh Hoa Tran and Giuseppe Legname Replacement of Residue H95 with Charged Amino Acids in The Prion Protein Decreases Prion Conversion Propensity

Day 2: 28 Jun, 2018

T1: Lab-on-a-chip & Point-of-care technologies

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

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

192. Trieu Quan, Tran Thinh, Le Duong, Tran Thuy, Chu Xuan and Mai Tuan - An Electrochemical DNA Sensor based on Conducting Polymer Electrode

T2: Biophotonics

69. Kuo-Chih Liao and Hsun-Yi Chu - NIR Fluorophore DGS-SIDAG as Breast Cancer Theranostics

73. Le Linh-Dan, Huynh Ngoc-Trinh and Pham Thi-Thu-Hien - Characterization of Non-melanoma Skin Cancer utilizing The Optical Polarized System

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

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

153. Nguyen Thao-Vi, Bui Chi-Bao and Pham Thi-Thu-Hien - Characterization of Liver Cancer Tissues Utilizing The Optical Polarized System

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

177. Than Hai-Nhat-Minh, Pham Mai-Ngoc-Minh and Pham Thi-Thu-Hien - Investigation into 3D Holographic Images for Medical Scanner Applications

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

T3: Molecular Techniques in Disease Diagnosis

125. Zi-Lun Lai and Cheng-Chung Chang - Photochromic Biosensor based on The Excited State Proton Transfer Different in Normal and Cancer Live Cells

208. Dong Le Thanh and Minh Doan Binh - Determine The Presence of Pathogens on Ticks in The Mekong Delta Region

T4: Regenerative Medicine and Tissue Engineering

84. Quang Thien Duong, Oloyede Adekunle and Nghiem Doan - The Conceptual Insilico Structural Model of Articular Cartilage

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 biocompability

121. Hui-Min Wang - Adipose-Derived Stem Cells Enhance Burn Wound Healing and Neuropathic Pain Treatment

112. Nguyen-Vu Viet Linh and Huynh Dai Phu - Fabrication Drug loaded Polycaprolactone by Electrospraying Method

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

T5: Healthcare Informatics

27. Tuan Nguyen, Luan Tran, Ngoc Nguyen and Thuong Le - An Efficient Solution to Secure Embedded Information in Dicom Images for Telemedicine

74. Yuh-Show Tsai and Jia-Huang Zeng - A Wireless Hemodialysis Oozing Detection and Alarm System

Day 3: 29 Jun, 2018

F3D*: Cell Reprogramming and Reproductive Biotechnology Session

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

Daiyu Ito, Sayaka Wakayama, Yuko Kamada, Masatoshi Ooga, and

TeruhikoWakayama - Effect of Trehalose on Preservation of Mouse Freeze-Dried Spermatozoa at Room Temperature

Pham Truong-Duy, Nguyen Nhat Phuong-Uyen, Van-Thuan Nguyen and Hong-Thuy Bui - Development Competence of Bovine Ooocytes From Small Antral Follicle After *in vitro* Culture

Kieu-Linh H. Nguyen, Quoc-Dinh Pham, Bui Hong-Thuy, Van-Thuan Nguyen - Effect of Curcumin on Preimplantation Development of Diploid Parthenogenetic Bovine Embryos

Kazunori Magara, Teruhiko Wakayama and Satoshi Kishigami - Effect of Treatment of 1-cell Stage Embryos with MEK and GSK3 Inhibitors (2i) on Embryonic Development in Mice

Yoshiki Nakamura and Satoshi Kishigami - 2-Deoxy-D-glucose Causes Ectopic Expression of Nanog in Mouse Blastocysts

Naoki Hirose, Yunosuke Yamamoto, Masatoshi Ooga, Satoshi Kamimura, Sayaka Wakayama, Junya Ito, Teruhiko Wakayama - Activation of Mouse Oocytes by mRNA Injection of Phospholipase Cζ Derived from Different Species

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

Nguyen Huy-Hoang, Bui L. Quynh-Nhu, Van-Thuan Nguyen and Hong-Thuy Builsolation and Differentiation of Female Germline Stem Cells from Porcine Ovarian Cortex

Nguyen Thi Thuy-Van, Van-Thuan Nguyen and Hong-Thuy Bui - Caffeine Supplementation *in vitro* MI-MII Transition Improves Development of Parthenogenetic Embryos Derived from Aging Porcine Oocytes

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

Truong-Duy Pham, Hong-Thuy Bui, and Van-Thuan Nguyen - Effect of Scriptaid on Preimplantation Development of Cloned Bovine Embryos

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

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

F1: Biotechnology

35. Thi Lan Anh Pham, Quy Khang Le, Trong Thuc Nguyen, Ngoc Phuc Chau Do and Thi Thu Hoai Nguyen - Optimizing Conditions for Vibrio Paraheamolyticus Culture and Preservation

106. Sohyeon Park, Sungwon Jung and Jinkee Hong -Preparation of Well-Defined Polysilsesquioxane Coating with Controlled Hydrophobicity for Bio-Adhesion Study

213. Chi Pham and Chi Bao Bui - A high M1/M2 ratio is associated with better survival in neuroblastoma

F2: Molecular and Cellular Biology in Medicine

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

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

F3: Biomedical Signal & Image Processing

- 78. Truong Dinh-Tuan and Pham Thi-Thu-Hien Breast Cancer Histopathological Image Classification using Convolutional Neural Network
- 134. Toan Le, Ngu Bui Thach and Trung Le Electrooculography Feature Extraction Techniques for Classification of Eye Movements
- 178. Trieu Le, Triet Le and Trung Le Feature Extraction Techniques for Automatic Detection of some specific Cardiovascular Diseases using ECG: A Review and Evaluation Study
- 180. Linh Luu, Phong Pham and Trung Le Feature Extraction and Electrophysiological Modeling In Personalized Deep Brain Structure Using Electroencephalography Signal

F4: Public Health

- 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

F6: Advanced Technologies in Sleep Diagnosis and Sleep Medicine

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

F7: Miscellaneous

- 44. Vanessa Reher, Gail Rehbein and Peter Reher Integrating Video Recording and Self-Reflection to Enhance Communication Skills Training for Dental Students
- 105. Sungwon Jung, Sohyeon Park and Jinkee Hong Antimicrobial and Protein Adsorption Behavior on Superhydrophilic Organosilicate Nano-Film Surfaces with Durability and Biocompatibility
- 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

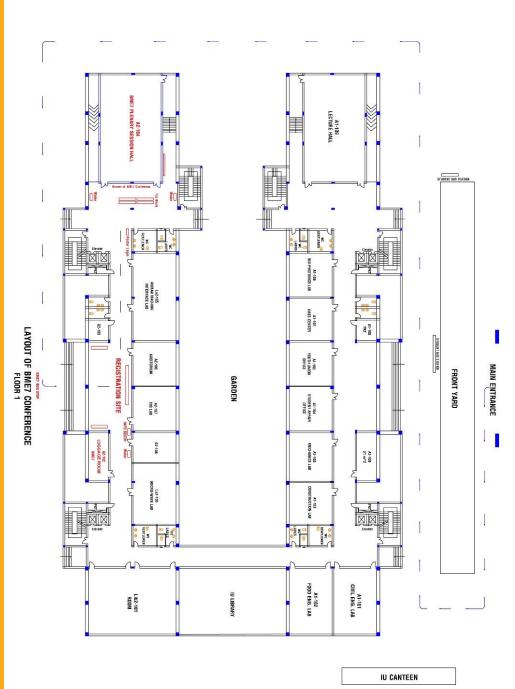
	Day 1: 27 Jun, 2018
8:00 – 8:30	REGISTRATION
PLENARY SES	
8:30 - 9:30	The Opening of the Conference
	Keynote Lecture by Jeff Bulte
9:30 - 10:20	Clinically Applicable MR Tracking of Naked, Scaffolded and
	Encapsulated Cells
10:20 - 10:30	Group photo (A2 Building Entrance)
10:30 - 10:50	COFFEE BREAK - POSTER VIEWING
PLENARY SES	SION W2
	Keynote Lecture by Ruth Nussinov
10:50 – 11:40	Oncogenic K-Ras signaling and drug discovery
11:40 – 11:50	Award Ceremony: Keylab prize
	MOU signing between IU and National Chung Hsing University,
11:50 - 12:00	Taiwan and between BME Dept IU, Vietnam & BMSE Dept
	GIST, South Korea
12:00 – 13:00	LUNCH – POSTER VIEWING
	Norkshop: Healthcare opportunities for developing countries
- Room: A2.507	
13:00 – 13:15	Openning speech
13:15 – 13:50	Introduction
13:50 – 14:40	Mentor Talk: Challenges and Opportunities in Vietnam (Vo Van Toi -
	International University, Vietnam)
14:40 – 15:00	COFFEE BREAK – POSTER VIEWING
	Norkshop: Healthcare opportunities for developing countries
- Room: A2.507	
15:00 – 16:30	Interactive workshop session 1
40.00 47.00	Clinical Talk: Healthcare system in Vietnam (Nguyen Minh Tuan,
16:30 – 17:30	Director General of the Ministry of Health's Medical Equipment and Construction Department)
18:00 - 20:00	BANQUET at Van Thanh Tourist Park
18.00 – 20.00	Day 2: 28 Jun, 2018
PLENARY SES	
FLLNAN I SLS	Keynote Lecture by Wellington Pham
8:00 - 8:30	Molecular Imaging in The Era of Precision Medicine
T1G: Nowton M	/orkshop: Technological Development in Microfluidics, and
Point-of-Care –	
	Mentor Talk: Micro magnetofluidics for tissue engineering and rapid
8:30 – 9:10	disease detection (Nam-Trung Nguyen, Griffith University, Australia)
	Microfluidics droplets and their applications: diagnosis, drug
9:10 - 9:30	screening and the discovery therapeutic enzymes (Liisa van Vliet,
	University of Cambridge, UK)
0.20 0.50	A microfluidic device for nucleic acid-based analysis of Helicobacter
9:30 – 9:50	pylori (Kirsty Shaw , Manchester Metropolitan University,UK)
	Low-cost Microfluidics fabrication method for the design of Point-of-
9:50 – 10:10	care LAMP device (Nguyen Hoang Tuan, International University,
	Vietnam)
10:10 - 10:30	COFFEE BREAK – POSTER VIEWING
T2G: Lab-on-a	-chip & Point of care technologies - Room: A2.507
10:30 – 11:15	Mentor Talk: Point of Care Diagnostics (Tony Cass, Imperial
	College, UK))

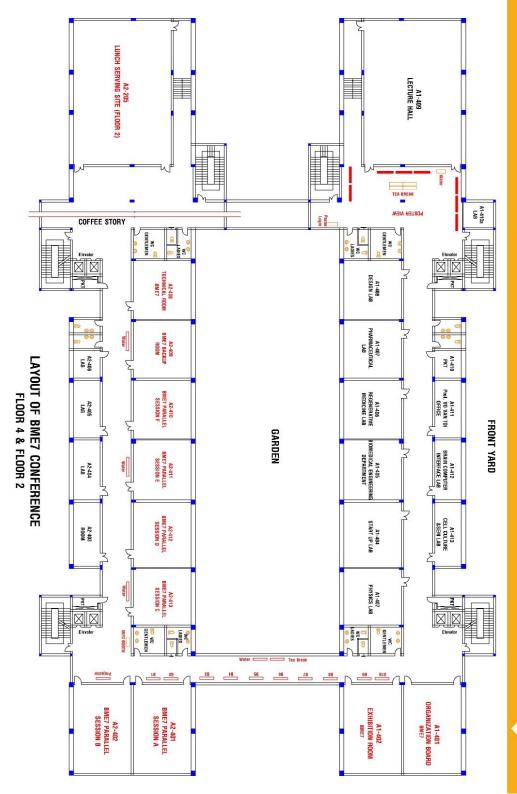
	T 10 5: 210 216 2 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2
11:15 – 11:35	Toward the Digital Hospital: from implant design to in – clinic biofabrication (Javier Munguia, Newcastle University, UK)
11:35 – 11:55	Technologies for coupling nanomaterials and microfluidic chemical sensors for interactive data transmission to a remote central server (Enobong Bassey, Coventry University, UK)
11:55 – 12:15	POC 3 (TBC)
12:15 - 13:00	LUNCH - POSTER VIEWING
	Workshop - SHTP Tour
13:00 – 16:30	SHTP Tour
	Day 3: 29 Jun, 2018
F1G: Newton W	/orkshop: Nanomedicine & Drug Delivery Systems - Room:
A2.507	
8:00 - 8:45	Mentor talk: Nanomaterials (Thanh Nguyen, UCL, UK)
8:45 – 9:05	Designing biotic-abiotic interfaces (Ben Almquist, Imperial College, UK)
9:05 – 9:25	Nanoneedles and Nanostructured for Studying Cell Interfacing (Stuart Higgins, Imperial College, UK)
9:25 – 9:45	Composite Nano-Fiber Mats Consisting of Biphasic Calcium Phosphate Loaded Polyvinyl Alcohol – Gelatin for Biomedical Applications (Linh Nguyen, Oxford, UK)
9:45 – 10:05	From Macroscopic to Microscopic: Experimental and Computational Methods to investigate Bio-Tribology (Raman Maiti, University of Sheffield, UK)
	Chemola, Cry
10:05 – 10:20	COFFEE BREAK - POSTER VIEWING
	COFFEE BREAK – POSTER VIEWING /orkshop: Room: A2.507
	COFFEE BREAK – POSTER VIEWING Orkshop: Room: A2.507 Redox polymeric nanoparticle as an effective oral nanotherapeutics for inflammatory bowel disease and cancer (Vong Binh Long,
F2G: Newton W	COFFEE BREAK – POSTER VIEWING /orkshop: Room: A2.507 Redox polymeric nanoparticle as an effective oral nanotherapeutics for inflammatory bowel disease and cancer (Vong Binh Long, University of Science HCMC, Vietnam) Direct Detection of Unamplified Pathogen RNA in Blood Lysate using Ultrabright SERS Nanorattles (Ngo Thanh Hoan, International University, Vietnam)
F2G: Newton W 10:20-10:40	COFFEE BREAK – POSTER VIEWING /orkshop: Room: A2.507 Redox polymeric nanoparticle as an effective oral nanotherapeutics for inflammatory bowel disease and cancer (Vong Binh Long, University of Science HCMC, Vietnam) Direct Detection of Unamplified Pathogen RNA in Blood Lysate using Ultrabright SERS Nanorattles (Ngo Thanh Hoan, International University, Vietnam) MN-LOC-POC 3 (TBC)
F2G: Newton W 10:20-10:40 10:40-11:00	COFFEE BREAK – POSTER VIEWING /orkshop: Room: A2.507 Redox polymeric nanoparticle as an effective oral nanotherapeutics for inflammatory bowel disease and cancer (Vong Binh Long, University of Science HCMC, Vietnam) Direct Detection of Unamplified Pathogen RNA in Blood Lysate using Ultrabright SERS Nanorattles (Ngo Thanh Hoan, International University, Vietnam)
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F2G: Newton W 10:20-10:40 10:40-11:00 11:00-11:20 11:20-:11:40	COFFEE BREAK – POSTER VIEWING /orkshop: Room: A2.507 Redox polymeric nanoparticle as an effective oral nanotherapeutics for inflammatory bowel disease and cancer (Vong Binh Long, University of Science HCMC, Vietnam) Direct Detection of Unamplified Pathogen RNA in Blood Lysate using Ultrabright SERS Nanorattles (Ngo Thanh Hoan, International University, Vietnam) MN-LOC-POC 3 (TBC) Recent Advances in Development of Microfluic Systems in Viet Nam (Nguyen Tien Anh) Investigation of a Digital Microfluidic (DMF) system for liquid droplet manipulation (Hoang Trung Thien, International University, Vietnam)
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F2G: Newton W 10:20-10:40 10:40-11:00 11:00-11:20 11:20-:11:40 11:40-12:00 12:00 - 13:00 F3G: Newton W	COFFEE BREAK – POSTER VIEWING Orkshop: Room: A2.507 Redox polymeric nanoparticle as an effective oral nanotherapeutics for inflammatory bowel disease and cancer (Vong Binh Long, University of Science HCMC, Vietnam) Direct Detection of Unamplified Pathogen RNA in Blood Lysate using Ultrabright SERS Nanorattles (Ngo Thanh Hoan, International University, Vietnam) MN-LOC-POC 3 (TBC) Recent Advances in Development of Microfluic Systems in Viet Nam (Nguyen Tien Anh) Investigation of a Digital Microfluidic (DMF) system for liquid droplet manipulation (Hoang Trung Thien, International University, Vietnam) LUNCH – POSTER VIEWING Orkshop – Room: A2.507

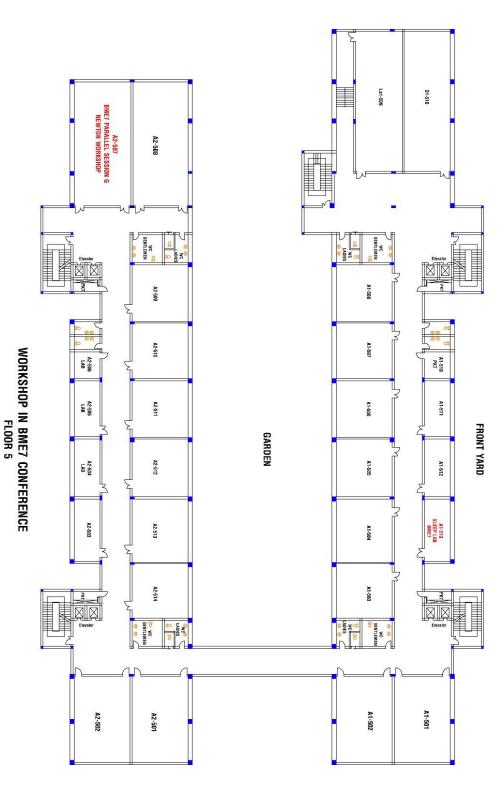
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	Oncogenic K–Ras signaling and drug discovery
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12.00 12.00	South Korea LUNCH – POSTER VIEWING
12:00 – 13:00	proputational and experimental advances in molecular medicine –
Room: A2.410	imputational and experimental advances in molecular medicine –
	IR: Paolo Carloni
SESSION CHAI	Mai Suan Li –Pulling to probe ligand binding affinity and protein
13:10 – 13:55	aggregation rate
	Giuseppe Legname –Replacement of residue H95 with charged amino
13:55 – 14:40	acids in the prion protein decreases prion conversion propensity
14:40 - 15:00	COFFEE BREAK – POSTER VIEWING
	omputational and experimental advances in molecular medicine –
Room: A2.410	inputational and experimental advances in melocalar medicine
	IR: Paolo Carloni
	Giulia Rossetti – Alternative targets for neurodegeneration: beyond
15:00 – 15:45	aggregation of misfolded proteins
15.45 16.20	Giovanni Natile – Interaction of copper transporters with platinum
15:45 – 16:30	drugs: a combined theoretical-experimental approach
18:00 – 20:00	BANQUET at Van Thanh Tourist Park
	Day 2: 28 Jun, 2018
PLENARY SES	SION T1 – Room: A2.104
8:00 - 8:30	Keynote Lecture by Wellington Pham
0.00 0.00	Molecular Imaging in The Era of Precision Medicine
8:30 - 9:20	Keynote Lecture by Heragu Sunderesh
0.00 0.20	Deterministic And Stochastic Models For Health Care Systems
	Keynote Lecture by Evan Snyder
9:20 – 10:10	Using Stem Cells to Model Neurological Disease & Advance
40-40 40-20	Personalized Medicine
10:10-10:30	COFFEE BREAK – POSTER VIEWING
PLENARY SES	SION T2 – Room: A2.104
40.00 44.00	Keynote Lecture by Alex Vitkin
10:30 – 11:20	Photon Mayhem: Using Light for Structural and Functional
	Assessment of Biological Tissues.
11:20- 12:10	Keynote Lecture by Nigel Culkin
	Entroproportional Universities in the Design A Consequent for Change
12:10 – 13:00	Entrepreneurial Universities in the Region: A Consensus for Change? LUNCH – POSTER VIEWING

	mputational and experimental advances in molecular medicine -					
Room: A2.410						
SESSION CHAIR: Nguyen The Toan						
13:10 – 13:55	Gabriele Meloni – The metalloneurochemistry of metallothionein-3 in health and disease					
13:55 – 14:40	Stefano Ciurli – Structure and dynamics of Helicobacter pylori HypA, a nickel-chaperone: an integrated approach using NMR spectroscopy and computational tools					
14:40 - 15:00	COFFEE BREAK – POSTER VIEWING					
T4F: Recent cor	nputational and experimental advances in molecular medicine -					
Room: A2.410						
SESSION CHAI	R: Nguyen The Toan					
15:00 – 15:45	Jitrayut Jitonnom – Application of Multiscale Modeling Approaches to the Investigation of the Enzyme-Catalyzed Reaction: Case Studies of Metalloenzymes and Glycosidases					
15:45 – 16:30	Monti Pettitt – Surface Tension and Solubility vs. Hydrophobicity					
	Day 3: 29 Jun, 2018					
F1F: Recent cor	mputational and experimental advances in molecular medicine –					
Room: A2.410						
	IR: Ruth Nussinov					
8:00 – 8:40	Le Thi Ly – Rational Designs of Hemagglutinin Based Universal Influenza Vaccine					
8:40 – 9:20	Giorgio Colombo – Combining computational and bioorganic chemistry for the design of new chemical tools					
9:20 – 10:05	Vania Calandrini – Multiscale (hybrid) modeling for pharmacological applications					
10:05 - 10:20	COFFEE BREAK - POSTER VIEWING					
	nputational and experimental advances in molecular medicine -					
Room: A2.410						
SESSION CHAI	R: Ruth Nussinov					
10:20 – 11:10	Alejandro Giorgetti – Bioinformatics and Multi-scale simulations of					
10.20 11.10	membrane proteins: the case of bitter taste receptors					
11:10 – 12:00	membrane proteins: the case of bitter taste receptors Mercedes Alfonso Prieto – How sugars can taste bitter: multiscale simulations of the human bitter taste receptor hTAS2R16					
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11:10 – 12:00 12:00 – 13:00	Mercedes Alfonso Prieto – How sugars can taste bitter: multiscale					
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11:10 – 12:00 12:00 – 13:00 F3F: Recent cor Room: A2.410 SESSION CHAI	Mercedes Alfonso Prieto – How sugars can taste bitter: multiscale simulations of the human bitter taste receptor hTAS2R16 LUNCH – POSTER VIEWING mputational and experimental advances in molecular medicine – IR: Paolo Carloni Marc Baaden – Computer Simulations Provide Guidance for Molecular Medicine through Insights at the Atomic Scale Rosa Bulo – New developments in adaptive QM/MM: Modeling					
11:10 – 12:00 12:00 – 13:00 F3F: Recent cor Room: A2.410 SESSION CHAI 13:10 – 13:45 13:45 – 14:30 14:30 – 14:50	Mercedes Alfonso Prieto – How sugars can taste bitter: multiscale simulations of the human bitter taste receptor hTAS2R16 LUNCH – POSTER VIEWING mputational and experimental advances in molecular medicine – R: Paolo Carloni Marc Baaden – Computer Simulations Provide Guidance for Molecular Medicine through Insights at the Atomic Scale Rosa Bulo – New developments in adaptive QM/MM: Modeling chemistry in water Nguyen The Toan – Recent Computational Studies of Molecular Biomedical Systemat the Vnu Key Laboratory on Multiscale Simulation of Complex Systems					
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	Day 3: 29 Jun, 2018					
F1D*: Cell Reprogramming And Reproductive Biotechnology Session - Room:						
A2.104						
SESSION CHAIR: Nguyen Van Thuan						
8:00 – 8:40	Atsuo Ogura - How to Improve Mouse Cloning from The Epigenetic Viewpoints					
8:40 – 9:10	Teruhiko Wakayama - Animal Cloning from Extinct or Endangered Species by Nuclear Injection					
9:10 – 9:25	Nguyen Van Thuan - Advances in Somatic Cell Nuclear Transfer in Porcine and Bovinet					
9:25 – 10:00	II-Keun Kong - Improvement of Cloning Efficiency by Using Cytoplasm Injection Cloning Method					
10:00 – 10:10	COFFEE BREAK – POSTER VIEWING					
F2D*: Cell Repr	rogramming And Reproductive Biotechnology Session - Room:					
A2.104						
SESSION CHAI	R: Nguyen Van Thuan					
10:10 – 10:50	Takashi Miyano - Advances in In Vitro Growth Culture of Mamalian Oocytes					
10:50 – 11:20	Masatoshi Ooga - Establishment Of Zygotic Fluorescent Recovery After Photobleaching (Zfrap) For ROSI-Derived Zygotes					
11:20 – 11:50	Bui Hong Thuy - Mammalian Female Germline Stem Cells: Implications in Reproductive Biotechnology					
11:50 – 12:10	Chong LI - The Role of Rrp9 during Mouse Pre-implantation Development					
12:10 - 13:30	LUNCH – POSTER VIEWING					
F3D*: Cell Reprogramming And Reproductive Biotechnology Session – Room: A2.104						
13:30 – 14:30	Poster session					
F4D*: Cell Repr	F4D*: Cell Reprogramming And Reproductive Biotechnology Session – Room:					
A2.104						
14:30 – 17:30	Session for demonstration of SCNT, ICSI, tetraploid, IVM technologies in the mouse, porcine and bovine (Cellular Reprogramming Laboratory-IU)					







> Bus Stops:

- Ho Con Rua: 03 Cong Truong Quoc Te, District 1
- Liberty Hotel Saigon Parkview: 265 Pham Ngu Lao Str., District
 1
- Liberty Central Saigon Riverside: 17 Ton Duc Thang Str., District 1
- Rex Hotel: 141 Nguyen Hue Str., District 1
- International University (IU campus): Quarter 6, Linh Trung, Thu
 Duc District
- Van Thanh Tourist Park: 48/10 Dien Bien Phu St., Binh Thanh District.
- ➤ Volunteer with the sign "BME 7th CONFERENCE 2018" will be available at each bus stop.

Bus Coordinator:

- Mr. Huy, please contact: 0167 9693609
- Ms. Huyen, please contact: 0163 2528719
- If the participants miss the conference bus, please take below buses:
 - For Liberty Central Saigon Riverside Hotel:
 - Bus number 19: Cong Truong Me Linh station Vietnam National University
 - Bus number 53: Ben Bach Dang station Vietnam National University
 - For Liberty Central Saigon Parkview Hotel:
 - Bus number 19: De Tham station (or Ton That Tung)
 Vietnam National University
 - Bus number 52: De Tham station (or Ton That Tung)
 IU Campus
 - For Ho Con Rua:
 - Bus number 30: University of Economics (nearby Ho Con Rua) – IU Campus.
 - Bus number 52: Ho Con Rua Van Thanh Tourist Park
 IU Campus.

The Conference Bus Schedule

		Bus	Depart	Arrival
	Route	No.	time	time
	Wed, June 27 th			
Morning	Liberty Hotel Saigon Parkview → IU Campus	1	7:15	8:00
	Ho Con Rua → Liberty Central Saigon Riverside → Rex Hotel → IU Campus	2	7:00	7:10 7:15 8:00
	Ho Con Rua → IU Campus	3	7:15	8:00
Noon	IU Campus → Ho Con Rua	3	11:30	12:15
NOON	Ho Con Rua → IU Campus	3	12:15	13:00
	IU Campus → Ho Con Rua	3	17:30	18:15
	IU Campus → Van Thanh Tourist Park	1,2	17:30	18:15
Afternoon	Van Thanh Tourist Park → Liberty Hotel Saigon Parkview	1	20:00	20:30
	Van Thanh Tourist Park → Liberty Central Saigon Riverside; Rex Hotel → Ho Con Rua	2	20:00	20:30
	Thu, June 28 th			
	Liberty Hotel Saigon Parkview → IU Campus	1	7:15	8:00
Morning	Ho Con Rua → Liberty Central Saigon Riverside → Rex Hotel → IU Campus	2	7:00	7:10 7:15 8:00
	Ho Con Rua → IU Campus	3	7:15	8:00
	IU Campus → Ho Con Rua	3	11:30	12:15
Noon	Ho Con Rua → IU Campus	3	12:15	13:00
	IU Campus → SHTP	1	13:00	13:30
	SHTP → IU Campus	1	16:00	16:30
	IU Campus → Liberty Hotel Saigon Parkview	1	17:30	18:15
Afternoon	IU Campus → Liberty Central Saigon Riverside; Rex Hotel → Ho Con Rua	2	17:15	18:15
	IU Campus → Ho Con Rua	3	17:15	18:00
	Fri, June 29 th			
	Liberty Hotel Saigon Parkview → IU Campus	1	7:15	8:00
Morning	Ho Con Rua → Liberty Central Saigon Riverside → IU Campus	2	7:00	7:15 8:00
	Ho Con Rua → IU Campus	3	7:15	8:00
Noon	IU Campus → Ho Con Rua	3	11:30	12:15
Noon	Ho Con Rua → IU Campus	3	12:15	13:00
	IU Campus → Liberty Hotel Saigon Parkview	1	17:15	18:15
Afternoon	IU Campus → Liberty Central Saigon Riverside → Ho Con Rua	2	17:15	18:10
	IU Campus → Ho Con Rua	3	17:15	18:00

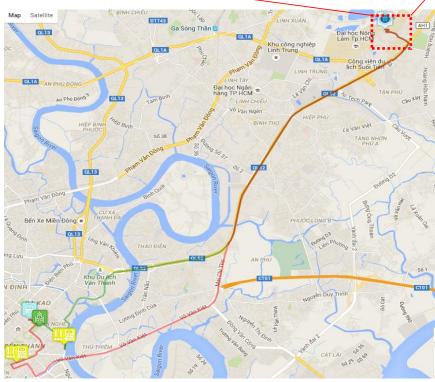
The Conference Bus Map

The below map shows routes of conference buses in the mornings of Jun 27, 28, and 29, 2018

- Bus 1 follows Green line from Liberty Saigon Parkview to IU Campus
- Bus 2 follows Red line from Ho Con Rua to Liberty Central Saigon Riverside to Rex Hotel to IU Campus

 Bus 3 follows part of Green line from Ho Con Rua directly to IU Campus





HAFT-DAY TOUR

- Participants can register to go on a haft-day city tour with our conference volunteers by email bme2018@hcmiu.edu.vn (anytime) or with our volunteers (before the conference) or at the Information desk (during the conference).
- Participants may choose from one to three options from the list below.

	HOW.			
Option	Places/Activities	Time		
<u> </u>	Gather at 23/09 Park, Move to Independent Palace	8:	8:30	
	Independent Palace	8:45		
ption 1 cal Bui us Wa Street	Walk to Saigon Notre-Dame Basilica – Central Post Office	9:15		
Option ical Bu ous W	Saigon Notre-Dame Basilica, Central Post Office and Book street	9:30		
	Walk to Nguyen Hue street	10:15		
Ξ. E.	Lunch, move back to meeting point	10:30		
Option 2: idden Tourist Destina	Gather at Liberty Riverside, move to Minh Dang Quang pagoda	8:30	14:30	
	Minh Dang Quang pagoda tour	9:00	15:00	
	Move to The Factory Contemporary Art	10:00	16:00	
	The Factory tour	10:10	16:10	
	Move to Xuan Thuy street	10:40	16:40	
	Xuan Thuy street	10:45	16:45	
	Move to river bus station	12:00	17:15	
	Arrived at Bach Dang river bus station, move back to meeting point	13:00	18:00	
3: Night uppetry nd Stree Dinner	Gather at 23/09 Park, move to Water Puppetry Theater Rong Vang	18:00		
	Water Puppetry Show	18:30		
	Move to Ben Thanh Night Market	19:30		
Option Tour; P Show Ar Food	Dinner with street food and visit Ben Thanh night Market	20:00		
T IS	Move back to meeting point	21	:00	

Ho Chi Minh City Tour Suggestions

If participants want to travel on your own, here are some famous destinations of Saigon and some nearby places.

A modern Saigon

Nguyen Hue Walking Street: This is the most beautiful street in Saigon where there are many high buildings and a lively nightlife.

Add: Ben Nghe ward, District 1



Bitexco Financial Tower: Bitexco is the tallest building in Saigon located in the centre of the city. What makes this building so special is the design and the view from the top floor to Saigon river with a luxurious bar. Add: Ngo Duc Ke street, Ben Nghe ward, District 1



Book Street: This street is the place where you can find every imaginable book from new to old from every book publishing brand in Vietnam. On Saturdays, there are usually Vietnamese traditional musical instrument shows.

Add: Nguyen Van Binh street, Ben Nahe ward, District 1



War Remnants Museum: The museum that recollects heroical memories of devastation and destruction in the Vietnam War, from 1961 to 1975.

Add: 28 Vo Van Tan street, ward 6, District 3



April 30th **Park:** This is the place where Saigon citizens gather to have street coffee, which is a special feature of this city.

Add: Pasteur street, Ben Nghe ward, District 1



Ban Nguyet Lake - Anh Sao Bridge:

The scenery here are spectacular at night

Add: Tan Phu ward, District 7



Bach Dang port: Along with a river view park, this is where you can take the river bus to travel around the city. We recommend that you should go to the third station: Thanh Da, because if you go further, it will take a lot of time to get back to your hotel. You can find the schedule right at the port. Add: Ben Nghe ward, District 1



Artinus 3D museum: Artinus 3D museum is an interactive art gallery which gives its visitors a truly wonderful experience in the magic of 3D.

Add: 2 No.9 street, Tan Hung ward, District 7



Cho Lon (a.k.a Saigon's Chinatown): HCM City's Cho Lon is Vietnam's largest Chinatown with roots dating back to 1778; it is also a place of great historical and cultural importance. *Add: District 5*



Aodai museum: Honoring Vietnam's national clothes, this large and private museum is in District 9, which is very a long way from the city center.

However, your mind will be blown by its surrounding scenery, which makes you feel like you are now in Mekong Delta, surrounded by water coconut trees and canals.

Add: 206/19/30 Long Thuan, Long Phuoc ward, District 9



Tan Dinh market: You can enjoy many kinds of famous Vietnamese traditional sweets.

Add: 48 Ma Lo, Tan Dinh ward, District



A Religious Saigon

Notre Dame Cathedral: This 130year-old cathedral is the symbol of Saigon with the signature Gothic architecture. Located in the city downtown, Notre Dame Cathedral is the most attention-worthy location in Saigon

Add: Ben Nghe ward, District 1



Jade Emperor Pagoda: A 100-yearold pagoda with great Eastern architecture, wood-carved masterpiece and altars depicting scenes from Taoist and Buddhist myths are what make this place well-known for tourists.

Add: 73 Mai Thi Luu street, Da Kao ward, District 1



The great seminary of St. Joseph: Being one of the first Roman Catholic institutions founded by Bishop Dominique Lefèbvre following the French conquest of 1859, the rarelyvisited St Joseph's Seminary offers a unique oasis of calm in a busy city. Add: 6 Ton Duc Thang street, Ben

Nghe ward, District 1



Dang Quang Minh Pagoda: Named after an influential Vietnames monk, this institute would give you instant peacefulness thanks its quiet and calm surrounding. This is a place where people come to do meditation and being mindfulness.

Add: Mai Chi Tho street, An Phu ward, District 2

Jamia Al-Musulman: This is where most of Muslim foreigners in Saigon gather everyday for Solah ceremony. The trees and cool stones make this place an ideal visiting destination during in this hot weather. Add: 66 Dong Du street, Ben Nghe ward. District 1





An Ancient Saigon

Ben Thanh market: The market is one of the earliest surviving structures in Saigon and an important symbol of Ho Chi Minh City, which is popular with tourists seeking local handicrafts, textiles, Aodai and souvenirs, as well as local cuisine.

Add: Ben Thanh ward, District 1



Central Post Office: Standing near Notre Dame Cathedral, you may find a French-polished post office sparkling under the delightful sunlight of Saigon. Add: 125 Cong xa Paris, Ben Nghe ward, District 1



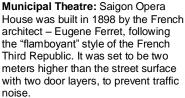
Independence Palace: The historic Independence Palace will astonish you with many architectural anecdotes, hottest events and fabulous lifestyle during the Vietnam War.

Add: 135 Nam Ky Khoi Nghia street, Ben Thanh ward, District 1



HCM City People's Committee: The building was built and put into use in 1909 as a hotel whose original name was Hôtel de Ville. It was designed by Gardes, a famous French architect. This building is thus one of the oldest, biggest and most beautiful French style buildings in Ho Chi Minh City, functioning both as a city institution and the city's most prominent landmark today.

Add: 86 Le Thanh Ton street, Ben Nghe ward, District 1



Add: 07 Cong Truong Lam Son, Ben Nghe ward, District 1



HCM city Fine Arts Museum: This yellow-white grand colonial-era mansion is a combination of French and Chinese styles which brings about a typical colonial feeling through its marble floors throughout and the spacious, airy rooms. It's no wonder that the building is considered as a masterpiece itself.

Add: 97A Pho Duc Chinh street, Nguyen Thai Binh ward, District 1



Travelling destinations near Saigon

My Tho – Ben Tre: (about 80km to the south from Saigon) Coming to the Mekong Delta area of Vietnam, you can enjoy fresh air and fruits and especially a strange but unforgettable culture. Also, you can enroll for the popular ecotourism, in which you can learn about Vietnamese cuisine and daily activies.



Can Gio: If you want see the beach near Saigon, Can Gio is the best choice. Being famous for its monkey island, Can Gio will bring you a brief look at South-Eastern culture of Vietnam.



Cu Chi Tunnel: This tunnel is where Southern Vietnam soldiers lived and fought during the Vietnam War. It is a sophisticated underground tunnels system designed smartly for fundamentals daily demands. Only when you come to this historical destination, you can feel the greatness of this construction.























accelerate the development of science and technology as the driving force for the industrialization and modernization process to push forth Vietnam economic growth. The Saigon Hi-tech Park was established by Decision of the Prime Minister in October 2002. This is one of the national only three hi-tech park projects, signifying the Government's commitment to invest in high technology. The launch of the Project mainly based on the full support of Ho Chi Minh City Government and the scientific community. Saigon Hi-Tech Park is developed with world-class standards, responsive to investors' demand. Our target is to link the Park's development to investors' successes. To achieve our objectives, we strive for feasible, professional and optimal strategic solutions which always place priority on best serving our customers.

Our enthusiastic and dynamic staff all bears in mind the essential mandate of launching and managing one significant national Project. We are keen to practice efficient customer services, for this is closely related to our achievements.

We look forward to cooperating with in-country as well as foreign hi-tech enterprises, research institutes, universities, scientists, experts and professionals on the basis of mutual benefits, open spirit, goodwill, responsiveness and efficiency. We are ready to welcome YOU and trust that you will find Saigon Hi-Tech Park not only a site for profit generating but also an invigorating business environment which nurtures innovation and helps create fame for the talents.

Best wishes, Le Hoai Quoc President

Besides, together with other advantages such as receving strong support of central and local governments, offering "one-stop-shop" application service and highest legitimate tax incentives to investors, etc., SHTP has been considered a bright point of foreign investment attraction in fieds of high technology througout Vietnam. The Park was proudly the investment destination of projects from global hi-tech corporations including Intel (the U.S) with its \$US 1-billion project, Samsung (Korea) with its \$US 2-billion project, Nidec (Japan), Sanofi (France), Datalogic (Italia), Microchip (the U.S), Sonion (Denmark), etc., as well as from leading domestic educational institutions and companies including FPT Corp., Hutech, Nanogen, etc. As of Jung 2018, there are 146 projects of manufacturing, research, training and services in hi-tech sectors licensed in SHTP with the total investment capital of \$US 7.1 billions. Among these 68 projects are under operations and recruit more than 37.000 employees working at the Park.





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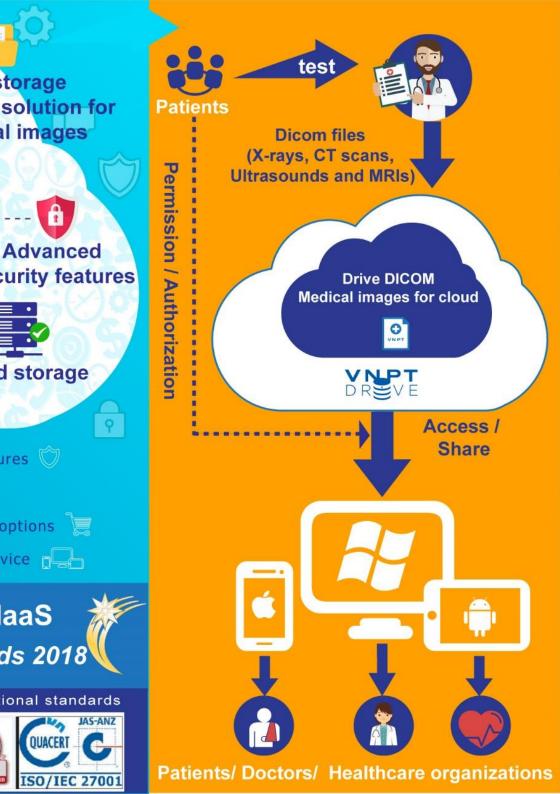




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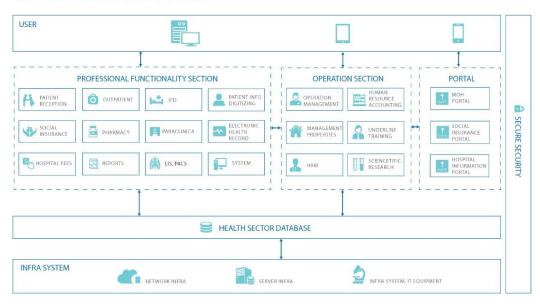
INTRODUCTION

Based on the requirements from hospitals and consultation from domestic and international specialists, doctors and nurses, VNPT has successfully developed VNPT HIS product. This is an overall Hospital management solution, which helps to optimize the medical examination and treatment process, save time, medical manpower. VNPT HIS is developed in accordance with MOH standards, world standards, having the ability of integrating with hospital ERP systems and completely satisfying the medical requirements as well as hospital management works

PREEMINENT FEATURES OF VNPT HIS

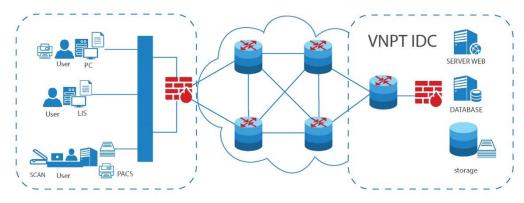


SYSTEM ARCHITECTURE



SYSTEM MODEL





TECHNOLOGY SOLUTIONS

VNPT HIS is developed on modern IT foundation: Java, Oracle. Web-based interface applications, Applications and sufficiently supports Chrome, Firefox, Cốc Cốc browsers.









STEPS OF IMPLEMENTATION

- Introducing product, unifying preliminary implementation plan
- Conducting survey on information, collecting data at the Hospitals.
- Unifying features, procedures, business with the Hospitals on the basis of current products
- Unifying the infrastructure implementation plan, training, testing with the Hospitals.
- Installing infrastructure and setting up system at the Hospitals

- 06 Training human resources at the Hospitals
- 07 Implementing pilot
- Evaluating pilot, modifying product following additional requirement
- Planning official implementation plan and unifying with the Hospitals.
- 1 | Implementing officially

METHOD OF PRODUCT SUPPLICATION

VNPT HIS is supplied into the market under Software-as-a-Service (SaaS) orientation in accordance with Decree 80/201/QD-TTg. The cloud computing technology is used to archive, back up databases, develop and update features, and maintain servers to guarantee convenient, secure, seamless use for client. The product is upgraded according to the unified versions nationwide, synchronously and timely updated with the government regulations, MOH and Social Insurance, meanwhile, it also allows to implement the entire solution on the hospital infrastructure.

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2. Flasks T-25, T-75, T-175

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3. Các loại plates: 6-12-24-48-96 giếng

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- Xử lý bề mặt từng giếng giúp tế bào bám dính tốt hơn.

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4	ADORUCIN	Doxorubicin 10mg/ 5ml
5	KUPEPIZIN	Epirubicin HCI 50mg
6	KUPBLOICIN	Bleomycin sulfat (≈ Bleomycin 15 IU).
7	CATOPRINE	Mercaptopurine
8	ALLIPEM	Pemetrexed
9	CYCRAM	Cyclophosphamide
10	DAUNOCIN	Daunorubicin
11	KUPTORAL	Fluorouracil 250mg/5ml
12	KUPUNISTIN	Cisplatin
13	PLANITOX	Oxaliplatin
14	UNITREXATES	Methotrexat
15	VINCRAN	Vincristine sulfate
16	XELTABINE	Capecitabine



Được thành lập và phát triển hơn 20 năm, Công ty TNHH TTB - DCYK Tân Mai Thành đã đang và luôn nỗ lực hơn nữa để trở thành một trong những Công ty hàng đầu và uy tín trong lĩnh vực cung cấp thiết bị - vật tư y tế, góp phần nâng cao công tác chăm sóc sức khỏe và an toàn cho người sử dụng.

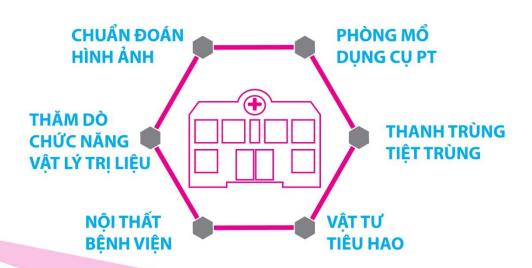
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Thế mạnh làm nên thương hiệu và uy tín của Công ty chính là đội ngũ nhân sự bao gồm những thành viên có bằng cấp, chuyên môn phù hợp, được đào tạo tại các trường đại học lớn trên thế giới và Việt Nam. Với tinh thần trách nhiệm cao, phong cách làm việc chuyên nghiệp, chúng tối luôn mong muốn cung cấp các sản phẩm và dịch vụ chất lượng tốt nhất tới Quý khách hàng.

Bên cạnh đó, chúng tôi đã xây dựng được quan hệ đối tác bền chặt với nhiều hãng sản xuất hàng đầu thế giới như JEOL/ Nhật, Bruker/ Đức, Parr Instruments/ Mỹ, Linseis/ Đức/ M. Braun/ Đức, Philips/ Hà Lan, BD/ Mỹ ... Đây chính là nền tảng để chúng tôi có thể cung cấp cho Quý khách hàng các sản phẩm ưu việt, các dịch vụ tư vấn vượt trội và chế độ hâu mãi có tính cam kết lâu dài.

Với phương châm "Sự hài lòng của bạn là thành công của chúng tôi" và hệ thống dịch vụ được kiểm soát theo tiêu chuẩn quốc tế ISO 9001: 2008. Chúng tôi tin tưởng sẽ luôn đáp ứng một cách tốt nhất, nhanh nhất mọi ứng dụng và yêu cầu của Quý Khách hàng.

- Hotline: 0909 833 685
 (to Ms. Nga at any time)
 Or Information Desk at the Conference.
- Address of Banquet 18:00 – 20:00 June 27, 2018. Van Thanh Tourist Park, 48/10 Dien Bien Phu Str., Ward 22, Binh Thanh District, Ho Chi Minh City.
- Coffee break at A2.104 Hallway (Jun 27-28, 2018 Mornings) at A1.409 Hallway (Jun 27-28, 2018 Afternoons and Jun 29, 2018)
- Poster viewing area at A1.409 Hallway (Jun 27-29, 2018)
- Lunch during the conference at A2.205 (Jun 27-29, 2018)
- The IU campus tour schedule:



Notes (for transportation):

- Phone number of Taxi brands:
 - Taxi Mai Linh: 028.38.38.38.38
 - Taxi Vinasun: 028.38.27.27.27
- You can also book a Grabcar through the "Grab" app on your smartphone.
- For more information, please contact Transport coordinators:
 - Mr. Huy, Phone: 01679693609.
 Ms. Huyen, Phone: 01664868755.

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