

Call for PAPERS

Healthcare Technology for Smart City in Low and Middle Income Countries

Ho Chi Minh City, Vietnam
July 20-22, 2020

The 8th International Conference on the Development of Biomedical Engineering (BME8) from July 20th to 22nd 2020 in Vietnam is an international scientific conference that promotes the connections among research, entrepreneurship and education in biomedical engineering with the theme of “**Healthcare Technology for Smart City in Low and Middle Income Countries (LMIC)**”. Vietnam is a LMIC, yet it has an intellectual workforce of an emerging country. In addition, LMIC have many unexplored research topics very attractive to pioneer researchers to discover. Therefore, this meeting serves as an exciting forum and a model of LMIC to exchange novel ideas, discuss current biomedical issues, propose solutions and develop collaborations on translational research and technologies in healthcare applications particularly for LMIC. The official language is English.

KEYNOTE SPEAKERS

Prof. Evan Snyder
University of California–San Diego,
United States

Prof. Wellington Pham
Vanderbilt University School of Medicine,
United States

Prof. Nguyen. T.K. Thanh
University College London, United Kingdom

Prof. Jeff Bulte
Johns Hopkins University, United States

Prof. Paul N Watton
University of Sheffield, United Kingdom

Prof. Ikuo Tooyama
Shiga University Medical Center, Japan

Prof. Michael Klein
Temple University, Philadelphia, United States

Prof. Nagasaki Yukio
University of Tsukuba, Japan

Prof. Beom-Jin Lee
Ajou University, Korea

Prof. Mark Johnson
Northwestern University, United States

Prof. Karl-Herbert Schäfer
University of Applied Sciences
Kaiserslautern, Germany

Prof. Gou-Jen Wang
National Chung-Hsing University, Taiwan

TOPIC INCLUDES (but are not limited to)

- **MEDICAL INSTRUMENTATIONS**
 - Biomechanics
 - Internet of Things and Telemedicine
- **BIOPHOTONICS**
- **PHARMACEUTICAL ENGINEERING**
 - Drug delivery systems
 - Nanomaterials in medical applications
- **TISSUE ENGINEERING AND REGENERATIVE MEDICINE**
 - Biomaterials and 3D Printing
 - Molecular and Cellular Biology in Medicine
- **AI AND DATA SCIENCE FOR HEALTH**
 - Cloud computing and Big data processing
 - Artificial Intelligence
 - Healthcare informatics and Public health
- **ONCOLOGY AND RELATED TECHNOLOGY**
- **NEUROENGINEERING**
 - Advanced technologies in Sleep diagnosis and Sleep medicine
- **COMPUTATIONAL BIOMEDICINE**
- **LAB-ON-A-CHIP AND MICROFLUIDICS**
- **OTHERS APPLIED IN HEALTHCARE**

IMPORTANT DATE

Abstract submission	From January 1 to March 1, 2020
Abstract acceptance notification	March 15, 2020
Full text submission	From March 15 to April 15, 2020
Early registration	From March 15 to May 15, 2020

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