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## Editorial

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**Biographical notes:** Jennifer S. Raj received the PhD degree from Anna University and Master's degree in Communication System from SRM University, India. Currently she is working in the Department of ECE, Karunya University, Coimbatore, India. She is a life member of ISTE, India. She has been serving as organising chair and program chair of several international conferences, and in the program committees of several international conferences. She is book reviewer for Tata McGraw Hill Publication and has published more than 50 research articles in the journals and IEEE conferences. Her interests are in wireless healthcare informatics and body area sensor networks.

Khaled Kamel is currently a Professor of Computer Science at TSU. He worked as full time faculty and administrator for 22 years at the University of Louisville Engineering School. He was a Professor and the chair of the Computer Engineering and Computer Science department from August 1987 to January 2001. He also was the founding dean of the College of IT at the United Arab Emirates University and the College of CS & IT at the Abu Dhabi University. He worked as principle investigator on several government and industry grants. He also supervised several Master and Doctoral students in the past 25 years. His current research interest focuses on the use of IT in Industry and systems. He recently published two books in the area of PLC Industrial Automation with McGraw Hill Professional; August 2016 and September 2013.

Joy long-Zong Chen is currently a Full Professor of Department of Electrical Engineering Dayeh University at Changhua, Taiwan. Prior to joining the Dayeh University, he worked at the Control Data Company (Taiwan) as a technical manager from Sep. 1985 to Sep. 1996. His research interests include wireless communications, spread spectrum technical, OFDM systems, and wireless sensor networks. He has published a large number of SCI journal papers in the issues addressed physical layer for wireless communication systems. Moreover, he also majors in developing some applications of the IOT (Internet of Thing) techniques and he owned some patents authorised by the Taiwan Intellectual Property Office (TIPO).

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Welcome to the special issue on Inventive Research in Biomedical Technologies for Wireless Patient Monitoring. We are glad to say that, we had received generous number of submissions to the journal regarding wireless patient monitoring technologies. Owing to the digital era of communication, wireless technologies created a new path in healthcare infrastructure. This is made possible because of the ubiquitous and pervasive characteristics of wireless communication. The tremendous growth in the wireless healthcare technologies helps individuals to ameliorate their personal health and wellbeing. Wireless bio-medical technologies tether with the nearby devices and share the information through internet by replacing cables for connection. This methodology creates a healthy and wealthy infrastructure for patients with reduced infection to patients. It creates a real-time and feasible environment for doctors to review patients periodically by eliminating hospital visits. It extends a preventative and managed care for senescent patients.

This special issue is mainly focused to address the developments and utilisations of various bio-medical technologies such as instrumentation, image acquisition, computer science and modelling. Additionally this special issue contributes to cover high-quality theory and practical papers on broad range of wireless patient monitoring technologies. Additionally it also contains research papers on interpretation and application of medical images for further medical proceedings with techniques such as health informatics, human-computer interaction, imaging informatics etc.

We would like to express our gratitude and appreciation to the authors of the papers, for their ardent efforts and involvement in the special issue publication. We are grateful to the promptness and commitment of the reviewers for their valuable evaluations, to significantly enhance the quality of papers. Additionally we extend our thanks to all the staff members of Inderscience Publications for their continuous effort and dedication for publishing this special issue. We particularly appreciate the fortitude and relentless support granted to us by Prof. Nilmini Wickramasinghe, the Editor-in-Chief of the *International Journal of Biomedical Engineering and Technology*.