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**Special Session Call for Papers  
International Symposium on Computer, Consumer and  
Control, 2014**

**Special Session organizer:** Prof. Yung-Fu Chen

**Session name:** *Medical and Biological Informatics.*

**Introduction/ Call for papers**

Technologies and methods in the research fields of Medical and Biological Informatics have made great progress in recent decades. Many researchers in these research areas have made great efforts to develop methodologies and apply information and communication technologies (ICT) to health care, general medicine, and biological research.

The purpose of this special session is to bring together researchers and practitioners interested in the application of information systems and technologies to the field of medical and biological informatics, including the application of ICT in healthcare environment, adoption of artificial intelligence technique in clinical decision support, and use of statistics and novel algorithms to understanding biological processes. Prospective authors are invited to submit original papers to the Special Session.

**Indicative Topics/Areas**

The topics of interest include, but are not limited to

- Hospital Information Systems
- Decision Support Systems in Health Care
- ICT Applications in Health Care and Health Promotion
- Programs and Systems for Medical Education
- Medical Signal and Image Processing
- Modeling and Analysis of Biological Data

- Areas Related to Computational Biology

Prospective contributors are invited to submit their paper to Prof. Chen by email [yfchen@ctust.edu.tw](mailto:yfchen@ctust.edu.tw). All presented papers will be published in the Proceedings and the excellent papers will be recommended for publication in the special issue of SCI Journal.