



CALL FOR PAPERS
Special Issue on
Computational Intelligence in Medical Systems

Recent technological advances in medicine have facilitated the development of complex biomedical systems including sophisticated biosignal instruments, medical imaging equipment and CAD (computer aided diagnosis) tools enabling the better delivery of health care services. In parallel, computational intelligence, incorporating neural computing, fuzzy systems, and evolutionary computing have emerged as promising tools for the development, application, and implementation of intelligent systems.

The aim of this special issue is to provide an integrated source for the application of computational intelligent systems in medicine. Authors are invited to submit papers covering innovative applications of computational intelligence in any of the following physiological systems: skin, skeletal, muscular, central nervous, peripheral nervous, systems of special senses (eye, ear, taste and smell), cardiovascular, respiratory, digestive, urinary, endocrine, and reproductive.

Emphasis will given to *review papers*. Also regular papers and communications papers can be submitted each having a maximal length of 12, 7, and 2 pages respectively. If you plan to contribute a review paper, please inform the Guest Editors as soon as possible. Only original and well-focused papers presenting previously unpublished work will be considered. The review will take place within 4 months and only papers with minor revisions will be accepted.

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SUBMISSION OF MANUSCRIPTS:

Manuscripts must be prepared according to the format of the IEEE Transactions (<http://virtual.vtt.fi/virtual/proj2/titb/>) and electronically submitted to Manuscript Central (<http://embs-ieee.manuscriptcentral.com/>). In submitting indicate that the paper is intended for the *Special Issue on Computational Intelligence in Medical Systems*.

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For any further questions, please contact the Guest Editors or the Editor-in-Chief:

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