

Editorial: Introducing TBME Letters Special Issue on Multiscale Modeling and Analysis in Computational Biology and Medicine—Part 2

WE are very pleased to introduce Part 2 of the Special Issue of IEEE TRANSACTIONS ON BIOMEDICAL ENGINEERING (TBME) Letters on Multiscale Modeling and Analysis in Computational Biology and Medicine. Part 1 of this special issue was published in October 2011. We received an overwhelming response of our call for papers for this special issue with 243 manuscripts. Considering the significance of research interests in this area of high potential impact, and the large number of worthy manuscripts, we decided to publish this special issue in two parts.

TBME Letters publication is aimed at fast publication of breakthrough research at the leading edge of rapidly emerging technologies. TBME Letters are short papers (up to four printed pages) that are well focused on highly novel and time-sensitive scientific and technological advances that have high potential impact in biomedical applications and health care. Our intent is to highlight ideas that have just progressed so as to have shown strong preliminary evidence of feasibility but likely before the lengthier validation studies have been performed.

Recent special issues of TBME Letters include TBME LETTERS ON BIOMEDICAL ROBOTICS AND BIOMECHATRONICS published in September 2009, TBME LETTERS ON NEUROENGINEERING AND NEUROPROSTHESES published in November 2009, TBME LETTERS ON THERAPEUTIC ULTRASOUND published in January 2010, TBME LETTERS ON MULTIPARAMETER OPTICAL IMAGING AND IMAGE ANALYSIS published in October 2010, and

TBME LETTERS ON POINT OF CARE HEALTH CARE TECHNOLOGIES published in March 2011.

We solicit your novel Letters contributions in the wide spectrum of biomedical engineering or on special topics such as the ones published in recent and forthcoming issues.

We are grateful to Dr. B. He and Dr. J. Principe who initiated this innovative publication concept, and Dr. B. He, Dr. Z.-P. Liang, Dr. A. Laine, and IEEE EMBS Publication Committee for their continuous support and encouragement. Special thanks to our Guest Editors, Dr. J.-L. Coatrieux, Dr. A. F. Frangi, Dr. G. C. Y. Peng, Dr. D. Z. D'Argenio, Dr. V. Z. Marmarelis, and Dr. A. Michailova for their vision and great efforts to bring out this special issue. We also express our deep gratitude to all authors for their contributions, and all reviewers for their outstanding reviews. This issue would not have been possible to publish without their fast, fair, and rigorous reviewing and editing.

We hope that you enjoy this special issue. As we are developing new directions for the TBME Letters publication, we will greatly appreciate your suggestions, comments, and ideas to help make Letters into the platform of choice for publication innovative manuscripts with high potential impact.

ATAM P. DHAWAN, *Senior Editor In-Charge, IEEE TBME Letters*

BRUCE C. WHEELER, *Editor-In-Chief, IEEE TBME*

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