

# Introducing TBME Letters' Special Issue on Multiscale Modeling and Analysis in Computational Biology and Medicine: Part-1

**W**E are very pleased to introduce this Special Issue of TBME LETTERS on *Multiscale Modeling and Analysis in Computational Biology and Medicine*. 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. Thanks to the EMBS ADCOM and Dr. Andrew Laine, Vice President, EMBS Publications, we are pleased to present the Part-1 of the Special Issue. Part-2 of the Special Issue will be published next month.

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 healthcare. 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 *Biomedical Robotics and Biomechanics* published in September 2009, *Neuroengineering and Neuroprostheses* published in November 2009, *Therapeutic Ultrasound* published in January 2010, *Multi-Parameter Optical Imaging and Image Analysis* published in October 2010, and *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 Drs. Bin He and Jose Principe who initiated this innovative publication concept, and Drs. Bin He, Z-P Liang, Andrew Laine and IEEE EMBS Publication Committee for their continuous support and encouragement. Special thanks to our Guest Editors, Drs. Jean-Louis Coatrieux, Alejandro F. Frangi, Grace C.Y. Peng, David Z. D'Argenio, Vasilis Z. Marmarelis, and Anushka 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 would 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 of innovative manuscripts with high potential impact.

Atam P. Dhawan, *Senior Editor In-Charge, IEEE TBME Letters*

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