EDITORIAL PREFACE

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The ICDM 2010 workshop on Biological Data Mining and its Applications in Healthcare (BioDM, http://www1.i2r.a-star.edu.sg/~xlli/BioDM.html) has garnered great response from the researchers and received a total of 50 paper submissions, out of which 17 (34%) were selected for presentation at the workshop. Given the great response from the community, we have invited the authors of 8 of the 17 accepted papers to submit extended journal versions to IJKDB.

In the IJKDB Vol. 1, Issue 4, 2010, we have published four selected papers from the BioDM workshop. This special issue will publish the remaining four of these invited papers. We can see that data mining techniques can be employed to help the biologists and clinicians make sense of the vast array of biomedical data that they are currently facing.

We would also like to thank the authors who have submitted their papers on many exciting and important research topics, as well as the workshop participants for attending the inaugural workshop in Sydney, Australia. It is our hope that such workshops, together with the journal, will provide a lasting platform for spurring innovative cross-disciplinary research and practice of data mining approaches in biology and healthcare.

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