

Preface

Extended and revised versions of reviewed papers are included from the 2013 International Conference on Bio-Medical Materials and Engineering (ICBME 2013), which will be held in Hong Kong, China, March 26-27, 2013.

ICBME 2013 will be the most comprehensive Conference focused on the various aspects of advances in Bio-Medical Materials and Engineering. Being crucial for the development of Biology, Medicine and Materials, our conference encompasses a large number of research topics and applications: from Biology Science to many kinds of Biomimetic Materials; from Medical Research to Pharmacy Analysis; from Material Science to Engineering Materials and other related topics are included in the scope of this conference. In order to ensure high-quality of our international conference, we have high-quality reviewing course, our reviewing experts are from home and abroad and low-quality papers have been refused.

For this special issue about 213 manuscripts were presented and 124 were selected for publication and can be classified into 8 chapters namely 1) Advanced Materials 2) Biological and Medical Engineering 3) Chemistry and Chemical Industry 4) Mechanical Engineering 5) Computer and Information Technology 6) Energy Engineering 7) Environmental Engineering and 8) Architecture and Civil Engineering.

The papers under chapter 1 primarily introduced theory and application of kinds of new and special materials. The papers under chapter 2 showed us lots of recently research achievements in biological and medical engineering field. The papers under chapter 3 to 8 mainly focus on the material properties, functions and service situations of chemistry and chemical industry, mechanical engineering, computer and information technology, energy engineering, environmental engineering and architecture and civil engineering.

Nothing can be done without the help of the program chairs, organization staff, and the members of the program committees. Thank you. Special thanks go to TTP Publisher.

The goal of this Conference is to bring together the researchers from academia and industry as well as practitioners to share ideas, problems and solutions relating to the multifaceted aspects of Bio-Medical Materials and Engineering. In addition, the conference organizer will invite some famous keynote speaker to deliver their speech in the conference. All participants have chance to discuss with the speaker face to face, which is very helpful for participants. We are confident that the conference program will give you detailed insight into the new trends. We hope that ICBME2013 will be successful. Next year, in 2014, we look forward to seeing all of you at ICBME2014.

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