Preface
Special Issue on “Pediatric Diseases” for AJBMS

Childhood is a very important developmental stage of human being. Various organs and their functions at this stage are still in development, accompanied with a delicate immune system of increasing maturation along with age. Therefore, children are vulnerable to plethora of diseases, and their health condition is readily affected by environmental factors and deficiencies they acquired genetically and prenatally.

The special issue of the American Journal of Biomedical Sciences (AJBMS) on pediatric diseases has been organized for the purpose of promoting the understanding of different diseases and health issues in children, a group of patients that were largely neglected before.

This special issue has been produced according to the regular review process of AJBMS. Papers collected in this issue are from well-known labs and researchers, and cover various areas in pediatric research including: neonate immunity, primary immunodeficiency, EBV infection, malnutrition, respiratory disease, head and neck carcinoma, leukemia as well as genetic metabolic disease.

I would like to take this opportunity to thank all those who contributed to this special issue for their timely job and careful revise for the manuscripts. Thanks should also be given to those unnamed referees for their through and careful review and valuable comments to improve the quality of the manuscripts. Finally, I would like to thank Prof. X. Zhang, co-editor-in-chief of AJBMS for initiation of this issue and his strong support without which this issue is not possible.

The Biography of Guest Editor

Dr. Jingang Gui completed his PhD in Biological Sciences from National University of Singapore in 2006. After that, he received post-doctoral trainings in Immunology from Dartmouth Medical School and Harvard Medical School before his faculty appointment in Beijing Pediatric Research Institute, Beijing Children’s Hospital affiliated to Capital Medical University in China. His research interest is to understand the unique immune features in children and their relationship to various pediatric diseases. Recently, his study focuses on identifying novel gene mutations, and understanding underlined mechanisms of various primary immunodeficiencies in children. His broad interest also leads his laboratory investigation to explore possible paths of immunotherapy for pediatric tumors. He is author and co-author of many publications in prestigious journals including PNAS, ATVB, Journal of Virology, and Aging Cell etc. He is an ad hoc reviewer of different scientific journals.

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