

Editorial

Open access

# 21st Century era of anatomy

We are pleased to present in *Asian Biomedicine* a special series of anatomy themed issues in 2 parts entitled “21st Century Era of Anatomy”. These themed issues illustrate the current state of Thai knowledge with respect to the aspects of anatomical sciences reported that should facilitate a reduction in the clinician’s effort to localize important structures. At the same time, cutting-edge research that provides knowledge in the areas of biomedical health from clinical study and basic sciences from studies in vitro or in vivo are also published in this series.

As medical knowledge is regularly changing, new research and clinical experience to provide a guiding framework for the development of therapeutic approaches may become necessary. Anatomical science is the most important key to the practice of health and medicine. During the growth of biological and biomedical research over the past 3 decades, anatomical sciences have become increasingly important in numerous groundbreaking scientific areas, including cell biology, applied biological and biomedical sciences, system biology, and biomedical engineering. The fast development of new tools that can peer inside the bodies of organisms in unprecedented detail, sharing and preserving findings in high-resolution digital formats, results in a better understanding of anatomy and physiology. In addition, the knowledge of

microscopic anatomy is also important to the understanding and advancement of medicine, biology, and other aspects of life science.

We thought it is a good idea to bring out the knowledge on topics related to anatomical sciences as presented at The 41st Annual Conference of the Anatomy Association of Thailand, May 23–25, 2018, Cha-am, Petchaburi, Thailand. We hope this special series of anatomy themed issues of *Asian Biomedicine*, will assist anatomists and scientists in other fields to gain more experience to adapt and integrate into all biomedical research paradigms. We expect this series will be of worthiness to all readers, and that its information can be applied and implemented to improve clinical practice. Finally, we extend our appreciation to all authors and researchers who dedicated their time to the compilation of this work. The August 2018 issue of *Asian Biomedicine* is the second of the two anatomy themed issues that highlight the “21st Century Era of Anatomy” in Thailand.

## Ad hoc editorial committee

Amornpun Sereemasapun

Apiwat Mutirangura