

## Preface

The 4th International Conference on Biological Science, ICBS 2015 is hosted by Faculty of Biology Universitas Gadjah Mada, Yogyakarta, Indonesia. The biennial ICBS has facilitated an international dialogue on biodiversity since 2009. In the fourth conference, we continue this tradition of uniting the spirit of science with the endeavours of scientists. The relevance of the ICBS conference theme is "Towards the sustainable use of biodiversity in a changing environment: from basic to applied research". This theme is reflected in the diverse range of papers that have been submitted for presentation.

There are over 250 presenters from countries including Japan, Australia, Malaysia, Philippines, Ethiopia, Germany, Netherlands, The United Kingdom, South Korea, Saudi Arabia and Indonesia. This demonstrates the popularity of the ICBS for sharing ideas and findings with a truly international community.

Among these papers for presentation, we have selected 35 papers to be published in KnE Life and Sciences. We believe that these selected papers have reflected the six themes of ICBS 2015 including molecular biology and biotechnology, structural and functional biology, ecology and bioconservation, evolution and systematics, biomedical and bioactive natural products as well as biomathematics and bioinformatics.

Refereeing papers for an international conference such as ICBS 2015 is a complex process that relies on the goodwill of those people involved in the field. We invited seven researchers from related fields to referee papers for the presentation and then followed by the paper selection to be published in KnE Life and Sciences. These reviewers represent four different countries, which serves to bring a broad set of perspective to the research area. My gratitude would be addressed to these reviewers for their time and effort in reviewing the papers. The published papers have passed the process of improvement accommodating the discussion during the conference as well as the reviewers comment who have guided any necessary improvement.

I would like to thanks to all of the Scientific and Editorial Board who have dedicated their constant support and countless time to bring these scratches into a book. Finally, thanks to Knowledge E Publishing, Dubai, UAE and the tim editors for preparing this proceeding. The ICBS 2015 proceeding in KnE Life Sciences is a credit to a large group of people, and everyone should be proud of the outcome.



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Chief Organizing Committee

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