

## *Preface*

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It was a great pleasure in 2007 to start planning for the new possibility to publish a collection of so called 'green' (biological, environmental, medical, pharmacological, etc.) papers in such a classical thermoanalytical publication as the *Journal of Thermal Analysis and Calorimetry*. One could take it as an answer to those voices that were pessimistic about the future of thermal analysis. We, Hungarians are very proud to be the first to give a well-introduced distinct forum to bring together those people who have realised that the biological/medical field could be a new line to renew these 'old ladies', thermal analysis and calorimetry. Within the frame of this effort it was a great pleasure for Hungarian thermal analysts that in 2008 we could be the host – the first in its line – to the International Conference for Biological Calorimetry (ISBC XV-Pannonia ISBC, in the series it is the 15<sup>th</sup>) in Pécs on May 24 to 30.

The conference was organised under the patronage of the Hungarian Academy of Sciences, the Regional Committee of the Hungarian Academy of Sciences at Pécs and Pécs University as well as the auspices of the International Society for Biological Calorimetry. 65 presentations were given by the participants gathered from 15 countries of the world from Columbia to China. We had altogether 10 main topics including Instrumentation and Theoretical Approaches; Biological Materials; Biochemical and Pharmaceutical Aspects; Microorganisms and Tissue Cultures; Plants Including Photocalorimetry; Insects and Social Communities; Aquatic Animals; Medical Aspects; Miscellaneous; Whole Cell Thermodynamics. In addition, the Workshop 'The Kyoto Protocol and calorimetric methods' played a well-defined current role with its 10 contributions. After its success it was decided to publish their main results in a review of 10 000 words in a special environmental journal.

Herewith, in this special green issue of JTAC, 28 papers are published from this wide spectrum of biological calorimetry. At this point our thanks are due to the Editorial Board and the Editorial Staff of JTAC to publish this special chapter. The success of the conference was mainly due to the careful preparation of this event, the warm hospitality of the organisers, the charming atmosphere of Pécs and last but not least the continuous help of the leaders of ISBC.

Many thanks to all contributors, peer-reviewers and sponsors, and we do hope to see you in Lugo (Spain) in course of spring 2010 at the next ISBC meeting.

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*President of ISBC XV*

*Prof. Dr. Richard B. Kemp*  
*Secretary of ISBC*

*Prof. Dr. Ingolf Lamprucht*  
*Honorary President of ISBC*

## ACKNOWLEDGEMENTS

### *Acknowledgements*

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*The Guest Editor is very thankful to the following reviewers for their critical and valuable reviews which have highly contributed to the improvement of the quality of the papers in this special chapter*

Aigner, Z., Szeged, Hungary	Raemy, A., Lausanne, Switzerland
Barros, N., Santiago de Compostela, Spain	Regdon, G., Szeged, Hungary
Boldyreva, E. V., Novosibirsk, Russia	Riga, A., Toledo, OH, USA
Bugyi, B., Pécs, Hungary	Sohár, G., Szeged, Hungary
Csotye, J., Szeged, Hungary	Stulzer, H. K., Flórianopolis, Brazil
Dell'Abate, M. T., Rome, Italy	Than, P., Pécs, Hungary
Kemp, R. B., Aberystwyth, Wales, UK	Tóth K., Szeged, Hungary
Mukhanov, V. S., Sevastopol, Ukraine	Vecchio, S., Rome, Italy
Ozao, R., Atsugi, Japan	Villanueva, M., Santiago de Compostela, Spain
Proupín-Castineiras, J., Santiago de Compostela, Spain	Wiegand, N., Pécs, Hungary

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DOI: 10.1007/s10973-009-3141-2