

Preface

Thermal Analysis and Calorimetry are used in many fields of research and technology. Pharmaceutical applications are very broad, from research in biological area to analytical control of drug products. The successful well-established PhandTA, 'Pharmacy and Thermal Analysis' meetings were initiated by Eurostar-science in order to permit exchange and synergy of specialists from universities and from the industry. The board of Journal of Thermal Analysis and Calorimetry decided to follow the trends of its members and this publication is the third Special Issue devoted to 'Pharmaceutical Applications'.

It is my pleasure to congratulate Judith Rollinger and Csaba Novák taking the responsibility and the risk to start with these special issues of the Journal.

The number of articles of this issue remain within the main preoccupation of the pharmaceutical research and development: study of biological relationships, understanding of polymorphs, proper selection of the solid form of new medicines, multi-components phase diagrams, enhancement of activity by complex formation as for example with cyclodextrin. New developments of instruments such as combined techniques between thermo-analytical instruments and microscopical or spectroscopical instruments as well as increasing role of X-ray diffraction are now routinely applied and allow a higher level of interpretation and a deeper understanding of the molecules and of the amorphous state.

A great number of articles reflect the symposium held in Innsbruck where Professors L. Kofler, M. Kuhnert-Brandstätter and A. Burger establish a great reputation for polymorphism and thermal analysis.

Thanks for the enthusiasm and the hard work of Judith Rollinger and Csaba Novák as well as the help of all reviewers, this issue is now a 'Tradition'. It will be ready for the symposium PhandTA 8, which will take place in Ascona in September and will be, – we are convinced –, also a great success.



Danielle Giron

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