
EDITORIAL

You are holding in your hands the special issue of DOSIS with the topic:

Diversity of dosage form research – molecular, nano, micro and macro perspective

that has been exclusively planned in adjunction with Helsinki Drug Research 2008. Helsinki Drug Research 2008 (www.hdr.fi) is a scientific meeting designed to provide a complete educational event allowing each and every attendee, both from the academia and industry, the ability to customize their experience with the goal of advancing pharmaceutical research. HDR 2008 has six symposia covering selected areas of drug development and use.

The invited authors of this special issue have been chosen from the speakers of two symposia with the topics "Pharmaceutical Manufacturing Research" and "Nano and Microtechnology in Pharmacy". These two symposia have been planned to have the boundaries of traditional disciplines as vague as possible. Therefore, we have chosen articles that are multidisciplinary and increase cross-interaction. We believe that it will benefit the modern drug research. Thus, the topics of the articles in this journal focusing on solid dosage forms have a wide variety ranging from molecular level topics on drug crystal design, modelling of mixing during crystallisation and understanding of formation of optimal particle size distribution, utilisation of modern computer-aided design and data analysis in formulation development and reaching to the macroscale process technology such as hot melt extrusion. Nanocrystals and nanoparticles have been chosen as a special case of novel type of solid dosage forms having special challenges in their formulations and processing. In addition to the invited authors this issue has three articles of

young scientists, who have recently finished their PhD thesis on the areas of solid state material research and nanoparticles.

The English language articles of this issue will also be published on the Pharmaceutical Solid State Research Cluster web page (www.pssrc.org). The Pharmaceutical Solid State Research Cluster (PSSRC) was founded in 2006 and it is linking seven research centres in the pharmaceutical sciences from the Universities of Cambridge, Copenhagen, Düsseldorf, Ghent, Helsinki, Lille and Otago. The cluster was formed to catalyse research activities in the solid state by sharing facilities, collaborating on specific projects and giving research students the possibility to engage with other researchers in the area. The cluster had its first seminar in 2007 in Düsseldorf.

On the behalf of the main organising committee, I warmly wish to thank The Finnish Pharmacists's Association for their collaboration in context with this journal issue and their kind financial support for Helsinki Drug Research 2008.

Sincerely,

► **Anne Juppo**
Guest Editor, DOSIS 2/2008

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