

## Summary

**T**his Pharmaceutical Industry Review #4 (21) 2010 publication is focused on trends and innovations in pharmaceutical analytical laboratory and R&D technologies and equipment. Major trends are detailed based on the opinions of industry experts from multinational pharma companies, as well as comments received from a number of leading Ukrainian suppliers of analytical equipment.



**I**nnovations in analytical laboratory technologies and R&D are presented by leading international equipment and tools manufacturers and suppliers such as Agilent Technologies, Ahura Scientific, A.Kruss Optronik, Bruker Optics, Desmon S.p.A., Dionex, GE Healthcare, IKA, IMA, Kinematika, Korsch, Malvern Instruments, Metrohm, PerkinElmer, PMS, Sartorius Stedim, Shimadzu, Telstar, Waters and some others.



**P**harm Tech Holding Co. (Russian Federation) presented opportunity to use quality second hand equipment in pharmaceutical production. Specific examples were made of refitting some Bosch equipment that was supplied to Pharm Tech Holding's customers in Russia.

**R**ommelag of Switzerland, the world leading supplier of aseptic Blow-Fill-Seal equipment described advantages of its bottel-pack® system for ophthalmology applications.



**G**IG Karasek Company made presentation of its evaporation and thermal distillation lines it designed and installed for many leading producers in pharmaceutical, chemical, petrochemical and pulp and paper industries. GIG Karasek's representative in CIS and Baltic countries is MediBalt Ltd.



**L**eadng experts of International Specialty Products Corp. divisions in India and the US examine influence of superdisintegrants on the rate of drug dissolution from oral solid dosage forms.

**P**harmaceutical Industry Review continues publishing of articles on GMP requirements and practices in Ukraine. This issue presents opinion of certified GMP/GDP experts, as well as Pharma Start Ltd. (Ukraine) Director's of Quality comments on the practical aspects of GMP implementation.

**W**ithin the partnership program with GMPReview of the UK, Pharmaceutical Industry Review included an article on management of transportation risks in application to pharmaceutical products.

**I**n the events section, International Conference on quality assurance of pharmaceutical products – 14–18 June 2010, Sudak (Crimea, Ukraine) is covered together with the comments on the conference received from its participants from Ukraine, Georgia and Russian Federation. The Conference was organized by International Association of Pharmaceutical Representatives and supported by Vialek Group.

**I**nformation technologies section includes the 1st hand experience of Unibit Ltd. (Ukraine) in introducing of automated control PHARMA-SYSTEM at Yuria Pharm Company (Ukraine).

**I**n logistics and distribution, DHL International (Ukraine) presents its new service DHL HIGHVALUE for the benefit of pharmaceutical producers.

**T**his publication concludes with some episodes of Pharmacopoeia history from the XVI–XVIII centuries based on «Kyiv Essays. Book VI – History of Drugstores in Kyiv» by Vitaly Kovalynsky. ■

