

**Arab School  
for Science and  
Technology  
ASST**

**ERWEKA**

**Scientific Council  
for Pharmaceutical  
Industry  
SCPI**

**Program  
of the  
ASST/SCPI/ERWEKA**

***Dissolution Workshop***

**Damascus, Syria, 8 and 9 October 2008**

**Wednesday, 8 October 2008**

09.00 Opening of the Workshop by representatives of ASST and the chairman of the Workshop

09.15 – 10.00 **Dissolution Testing: from the Past to Future Applications in Bioequivalence Testing**

Prof. Hans E. Junginger, Marburg, Germany

10.00 -10.45 **Practical Aspects of Dissolution Testing A) Selection of an Adequate Test Equipment and B) Overcoming Typical Problems in Dissolution Testing**

Dr. Sandra Klein, University of Frankfurt, Germany

10.45 – 11.15 Coffee Break

11.15 – 12.00 **Standard methods for Dissolution Testing of oral Drug Products A) for highly soluble drugs in IR dosage forms and B) for poorly soluble drugs in IR dosage forms**

Dr. Sandra Klein, University of Frankfurt

12.00 – 12.45 **in vitro- in vivo Correlation (ivivc)**

Prof. Hans E. Junginger, Marburg, Germany

12.45 – 14.15 Lunch Break

14.15 – 16.00 **Hands-on-Dissolution Experiments / Demonstration: Mechanical Calibration, Testing and Practical Aspects. Group1.**

Representative from ERWEKA, Heusenstamm, Germany and Dr. Sandra Klein, University of Frankfurt

14.00 – 16.00 **Talk with the Experts. Group 2**

16.00 – 16.15 Coffee Break

**16.00 – 18.00 Hands –on-Dissolution Experiments Demonstration: Mechanical Calibration, Testing and Practical Aspects. Group 2**

Representative from ERWEKA, Heusenstamm, Germany and Dr. Sandra Klein, University of Frankfurt

16.00 – 18.00 **Talk with the Experts. Group 1**

**Thursday, 9. October 2008**

**09.00 – 09.45 Regulatory Aspects of Dissolution as a Surrogate for inVivo Bioequivalence Testing in Western Countries,**

Dr. Dirk. M. Barends, Bilthoven, The Netherlands

**09.45 – 10.30 Biorelevant Dissolution Test Methods for Modified Release Products**

Dr. Sandra Klein, University of Frankfurt

10.30 – 11.00 Coffee Break

**11.00 – 11.45 Application of Dissolution Testing in Industrial Product Development (Quality by Design)**

Dr. Kerstin Pauli, Leverkusen, Germany

**11.45 – 12.30 Practicality of Dissolution as a surrogate for in vivo Bioequivalence Testing: the Biopharmaceutics Classification System (BCS) and the Biowaiver monograph series.**

Dr. Dirk M. Barends, Bilthoven, The Netherlands

12.30 – 14.00 Lunch Break

**14.00 – 14.45 Identification of the Optimal Drug Form for further Development by applying Dissolution Kinetics – Analytical Perspective**

Dr Kerstin Pauli, Leverkusen, Germany

14.45 – 16.00 **Discussion of all topics of the Workshop**

16.00 Closing of the Workshop