



# Symposium

## “Dermatotoxicological and other Safety Testing Methods without Animals – State November 2013”

in Honor of Prof. Dr. med. Horst Spielmann

November 28, 2013

Seminaris CampusHotel, Takustr. 39, D-14195 Berlin

Scientific Chair:

Prof. Dr. med. Ellen Fritsche, Düsseldorf

Organizer:

GD Society for Dermopharmacy

### Program and invited speakers

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09:00 - 09:10

Opening ceremony

Word of welcome from GD (Society for Dermopharmacy)

*Dr. Joachim Kresken, Viersen*

09:10 - 09:30

Introduction

History of *in vitro* toxicity testing and roadmap towards 2020

*Prof. Dr. Horst Spielmann, Berlin*

09:30 - 10:45

Session 1: Dermatotoxicological risk assessment without animal testing (part 1)

Chair: *Prof. Dr. Monika Schäfer-Korting, Berlin*

*Prof. Dr. Horst Spielmann, Berlin*

09:30 - 09:55

Toxicological testing of cosmetics - the situation in the EU since march 11th 2013

*Dr. Horst Wenck, Hamburg*

09:55 - 10:20

Experiences with animal-free toxicology under REACH

*Dr. Robert Landsiedel, Ludwigshafen*

10:20 - 10:45

OECD update on local skin and eye toxicity

*Dr. Manfred Liebsch, Berlin*

10:45 - 11:15

Get together/coffee break

11:15 - 12:30

Session 1: Dermatotoxicological risk assessment without animal testing (part 2)

Chair: *Prof. Dr. Monika Schäfer-Korting, Berlin*

*Prof. Dr. Horst Spielmann, Berlin*

11:15 - 11:40

Skin metabolism in *in vitro* methods: Impact on skin sensitization and genotoxicity testing

*Dr. Carsten Goebel, Schwalbach*

11:40 - 12:05

Nanomaterials in dermatology - Tools without risk

*Prof. Dr. Monika Schäfer-Korting, Berlin*

12:05 - 12:30

Genotoxicity testing *in vitro* - commercialized skin models

*Dr. Helena Kandorova, Bratislava*

12:30 - 13:30

Get together/lunch

13:30 - 15:10

Session 2: Susceptibility factors and disease models in reconstructed human skin

Chair: *Prof. Dr. Jean Krutmann, Düsseldorf*

*Prof. Dr. Günther Weindl, Berlin*

13:30 - 13:55

Reconstructed human skin as disease models

*Prof. Dr. Günther Weindl, Berlin*

13:55 - 14:20

Long-term culture of scaffold-dependent skin models

*Prof. Dr. Petra Boukamp, Heidelberg*



**14:20 - 14:45**

3D KSS model representing accelerated skin aging  
*Prof. Dr. Jean Krutmann, Düsseldorf*

**14:45 - 15:10**

Get together/coffee break

**15:10 - 17:15**

Session 3: New challenges for toxicological  
safety testing

Chair: *Prof. Dr. Ellen Fritsche, Düsseldorf*  
*Dr. Uwe Marx, Berlin*

**15:10 - 15:35**

Human on a chip  
*Dr. Uwe Marx, Berlin*

**15:35 - 16:00**

Embryotoxicity testing with high-throughput-EST  
*Dr. Claudia McGinnis, Basel*

**16:00 - 16:25**

New OECD methods for fertility testing  
*Prof. Dr. Gilbert Schönfelder, Berlin*

**16:25 - 16:50**

Application of rat precision-cut lung slices for  
nanomaterial toxicity testing  
*Dr. Ursula Sauer, Neubiberg*

**16:50 - 17:15**

3D in vitro methods for developmental  
neurotoxicity testing  
*Prof. Dr. Ellen Fritsche, Düsseldorf*

**17:15 - 17:20**

Final remarks  
*Prof. Dr. Ellen Fritsche, Düsseldorf*

