

**International Symposium “Endotoxins in the workplace“  
23 and 24 April 2007, Dresden**

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**Programme**

**Monday, 23 April 2007**

**Welcome addresses**

10:00 – 10:10	Welcome	<i>Prof. Dr. H. Blome Berufsgenossenschaftliches Institut für Arbeitsschutz, Sankt Augustin, D</i>
10:10 – 10:20	Endotoxins in the framework of the German Biological Agents Ordinance	<i>Dr. H. Klein Bundesministerium für Arbeit und Soziales, Bonn, D</i>
10:20 – 10:30	The role of endotoxins in the world of work	<i>Dr. W. Loh Ausschuss für Biologische Arbeitsstoffe, D</i>

**I Endotoxins – Occurrence and detection**

**Chairpersons:** *Prof. Dr. K.-P. Schaal/Dr. G. Linsel*

10:30 – 11:00	Mechanisms of endotoxin action and disease patterns	<i>PD Dr. M. Raulf- Heimsoth Berufsgenossenschaftliches Institut für Arbeitsmedizin, Bochum, D</i>
11:00 – 11:30	Detection of endotoxins in the workplace atmosphere	<i>Dr. G. Linsel Bundesanstalt für Arbeitsschutz und Arbeitsmedizin, Berlin, D</i>
11:30 – 12:00	Endotoxin exposure and health effects: re-evaluating the evidence and new research initiatives	<i>Prof. Dr. D. Heederik Institute for Risk Assessment Sciences, Utrecht, NL</i>
12:00 – 12:30	Workplace exposure to endotoxins – Evaluating the exposure database of HVBG	<i>Dr. A. Kolk Berufsgenossenschaftliches Institut für Arbeitsschutz, Sankt Augustin, D</i>
12:30 – 13:30	Lunch break	

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## II Aspects of human and veterinary medicine

**Chairpersons:** *Prof. Dr. T. Brüning/PD Dr. M. Rieger*

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| 13:30 – 14:00 | Biological exposure and strain in the waste water industry – what is the role of endotoxins? | <i>PD. Dr. M. Rieger,<br/>Universität Witten-<br/>Herdecke, D<br/>Dr. H. Diefenbach<br/>Bergische Universität,<br/>Wuppertal, D</i> |
| 14:00 – 14:30 | Exposure to endotoxins: toxicity and protection at the same time?                            | <i>Dr. M. Waser,<br/>Universität Basel, CH</i>  |
| 14:30 – 15:00 | Endotoxins and allergy   | <i>Prof. Dr. N. Krug<br/>Fraunhofer Institut<br/>Toxikologie und<br/>Experimentelle Medizin,<br/>Hannover, D</i>                    |
| 15:00 – 15:30 | Coffee break   |   |
| 15:30 – 16:00 | Is endotoxin the most important risk factor for populations highly exposed to bio aerosols?  | <i>Dr. W. Eduard<br/>Statens arbeids-<br/>miljøinstitutt, Oslo, N</i>   |

## III Examples from the field – Part 1

**Chairpersons:** *Dr. B. Schicht/Dr. G. Güzel-Freudenstein*

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| 16:00 – 16:30 | Exposure to endotoxins when handling stored grain                        | <i>Dr. S. Mayer<br/>Großhandels- und Lagerei-<br/>Berufsgenossenschaft,<br/>Mannheim, D</i>                                  |
| 16:30 – 17:00 | Endotoxin: from exposure database to (standardized) measurement strategy | <i>Dr. S. Spaan<br/>Netherlands Organisation<br/>for Applied Scientific<br/>Research, TNO Quality of<br/>Life, Zeist, NL</i> |

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## III Examples from the field – Part 2

**Chairpersons:** *Dr. B. Schicht / Dr. G. Güzel-Freudenstein*

08:30 – 09:00	Endotoxins in the natural fibre textile industry	<i>Dr. G. Kraus Textil- und Bekleidungs- Berufsgenossenschaft, Augsburg, D</i>
09:00 – 9:30	Airborne endotoxins in livestock rearing and their effect on animals	<i>Prof. Dr. J. Hartung Tiermedizinische Hochschule Hannover, D</i>
9:30 – 10:00	Main aspects of occupational exposure to endotoxin in Poland	<i>Dr. A. Góra, Institute of Agricultural Medicine, Lublin, Pl</i>
10:00 – 10:30	Coffee break	

## IV Prevention measures

**Chair:** *Prof. Dr. P. Kämpfer/Dr. V. Zemke*

10:30 – 11:00	Measurement and control of occupational exposure to endotoxin in the UK	<i>Dr. B. Crook Health and Safety Laboratory, Buxton, GB</i>
11:00 – 11:30	Risk assessment of endotoxins – Successful approaches from consumers' health protection	<i>Prof. Dr. Dr. A. Hensel Bundesinstitut für Risikobewertung, Berlin, D</i>
11:30 – 12:00	On the issue of an guidance value for prevention and occupational medical preventive purposes	<i>Prof. Dr. D. Nowak Institut und Poliklinik für Arbeits- und Umweltmedizin der LMU München, D</i>
12:00	Closing address, end of conference	<i>Prof. Dr. H. Blome</i>