

MAGNESIUM IN TRANSLATIONAL MEDICINE - Workshop

Program of The Workshop

18. 02 .16	Registration opening	10:00	Mrs. Doris Gühlen & Mr. Martin Marak
T H U R S D A Y	Opening Ceremony	19:00 - 24:00	Hotel Sojka
	Message from the organizing committee	19:30 - 19:35	Dr. Martin Kolisek
	Message from the scientific committee	19:35 - 19:40	Prof. Stefano Iotti
	Message from the sponsoring bodies	19:40 - 19:45	Prof. Jürgen Vormann
	Message from the representative of German Magnesium Research Society	19:45 - 19:50	Prof. Klaus Kisters
	Welcome dinner & Cocktail Mixer	20:00 - 24:00	
19. 02. 16			
F R I D A Y	Keynote delivery: WYSIATI-heuristic and counteractions in the therapy of Magnesium depleted patients	9:00 - 9:40	Dr. Bodo von Ehrlich (DE)
	Structure, function and regulation of the paracellular barrier: basic principles and role in Mg ²⁺ homeostasis	9:40 - 11:10	Section Chairman: Dr. Frank Feyerabend
	Keynote delivery: Regulatory aspects of epithelial barrier function	9:40 - 10:20	Prof. Otmar Huber (DE)
	Mg ²⁺ and the paracellular permeability of epithelia	10:20 - 10:50	Prof. Salah Amasheh (DE)
	To be announced	10:50 - 11:10	Dr. Silke

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		Zakrzewski (DE)
Speakers' Corner (Speak up your mind and ask the experts 1)	11:10 - 11:30	SC1 Chairman: Dr. Gerhard Sponder (DE)
Keynote delivery: To be announced	11:30 - 12:10	Prof. Holger Martens (DE)
Lunch	12:10 - 13:00	
Magnesium in Implantology (I)	13:00 - 14:55	Section Chairlady: Prof. Jeanette Maier
Keynote delivery: New approaches for degradation characterization	13:00 - 13:40	Dr. Frank Feyerabend (DE)
Effect of Magnesium on osteoclast differentiation	13:40 - 14:05	Dr. Berengere Luthringer (DE)
Relationship between microstructure, degradation rate, cytotoxicity and antimicrobial properties of Mg-Ag alloys	14:05 - 14:30	MSc. Zhidan Liu (DE)
Effect of magnesium and gadolinium on chondrogenic differentiation	14:30 - 14:55	MSc. Helvia Adela Martinez Sanchez (DE)
Coffee break	14:55 - 15:15	
Magnesium in Implantology (II)	15:15 - 16:10	Section Chairman: Prof. Stefano Iotti
To be announced	15:15 - 15:45	Dr. Diane Haake (DE)
To be announced	16:45 - 16:10	Yet open
Speakers' Corner (Speak up your mind and ask the experts 2)	16:10 - 16:30	SC2 Chairman: Prof. Stefano Iotti
Science and society Section will be opened free of	16:50 - 19:00	Section Chairman: Dr. Berengere

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	charge to general public, healthcare professionals, and students (number of attendees is limited to max. of 150 people)!		Luthringer
	Translational Medicine What does it mean?	16:50 - 17:20	Dr. Martin Kolisek (DE)
	Drug-induced magnesium deficiency	17:20 - 17:50	Prof. Rene Bindels (NL)
	Hidden mineral imbalances as cause of diseases	17:50 - 18:20	Prof. Jürgen Vormann (DE)
	Ask the experts / Discussion	18:20 - 18:45	
	Lets socialize (1)! / Beer tasting (ideas, co-operations, head-hunting, beer, wine and other headache-makers)	20:00 - 23:00	Hotel Sojka
20. 02. 16			
S	Keynote Delivery: Title to be announced	9:00 - 9:40	Prof. Stefano Iotti (IT)
A			
T	Magnesium in Cardiovascular Medicine	9:40 - 11:35	Section Chairman: Prof. Jürgen Vormann (DE)
U			
R			
D	Keynote delivery: Magnesium in cardiovascular research	9:40 - 10:20	Prof. Jeanette Maier (IT)
A			
Y	Title to be announced	10:20 - 10:45	Prof. Ragnar Rylander (SE)
	Title to be announced	10:45 - 11:10	Prof. Klaus Kisters (DE)
	Title to be announced	11:10 - 11:35	Dr. Francisco Rios (UK)
	Speakers' Corner (Speak up your mind and ask the experts 3)	11:35 - 11:55	SC3 Chairman: Prof. Jörg Aschenbach (DE)

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Lunch	12:00 - 13:00	
Magnesium Homeostasis	13:00 - 15:40	Section Chairman: Dr. Francisco Rios (UK)
Keynote Delivery: SLC41A1/A2 transporters and their medical relevance	13:00 - 13:40	Dr. Martin Kolisek (DE)
SLC41A3, a link towards understanding of intracellular Mg homeostasis	13:40 - 14:05	Dr. Gerhard Sponder (DE)
Mg-homeostatic factor CNNM2, not a simple story	14:05 - 14:30	Dr. Lucia Mastrototaro (DE)
Use of DMR Corning technology in ion homeostasis research	14:30 - 14:50	MSc. Nasrin Abdulhanan (DE)
Role of insulin in regulation of Na ⁺ /Mg ²⁺ exchanger SLC41A1	14:50 - 15:15	Prof. Jörg Aschenbach (DE)
Title to be announced	15:15 - 15:40	Dipl.-Ing. Katja Stange (DE)
Speakers' Corner (Speak up your mind and ask the experts 4)	15:40 - 16:00	SC4 Chairman: Dr. Bodo von Ehrlich (DE)
Coffee break	16:00 - 16:20	
Magnesium in Veterinary Medicine	16:20 - 17:30	Section Chairman: Prof. Holger Martens (DE)
Keynote Delivery: TRP channels of rumen epithelium	16:20 - 17:00	Dr. Friederike Stumpff (DE)
Oral supplementation of magnesium aspartate in five horses with peripheral insulin	17:00 - 17:20	MSc. Judith Winter (DE)

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	resistance		
	Speakers' Corner (Speak up your mind and ask the experts 5)	17:20 - 17:30	SC5 Chairman: Prof. Holger Martens (DE)
	Round Table: Propelling Mg research + Lets socialize (2)! / Punch in the Gallery	18:00 – 22:00	Chairman: Prof. Klaus Kisters Dr. Martin Kolisek

21. 02. 16			
S U N D A Y	Hot Topics in Magnesium Research	9:00 - 10:00	Section Chairlady: Dr. Silke Zakrzewski
	Title to be announced	9:00 - 9:30	Dr. Valentina Trapani
	Title to be announced	9:30 - 10:00	MSc. Oana Teslariu
	Speakers' Corner (Speak up your mind and ask the experts 6)	10:00 - 10:20	SC5 Chairlady: Dr. Silke Zakrzewski
	Workshop End + Prize Announcement	10:20 - 11:00	
	Guided Trip to Demänovska Cave of Liberty and Jasna	13:00 - 18:00	Optional