

# Forschung der Chemischen Industrie

## Invited Speakers



Dr. Thomas Haas  
Evonik Industries AG

**Present position:** Vice President Science & Technology, CREAVIS – Science to Business

**Research Interests:** Industrial Chemistry



Prof. Dr. Alexander Hillisch  
Bayer Pharma AG

**Present position:** Director, Medicinal Chemistry, Head of Computational Chemistry Wuppertal

**Research Interests:** Design and optimization of small molecule drugs by means of computational methods



Dr. Camilla Corsi  
Syngenta

**Present position:** Head of Chemical Research Crop Protection R&D, Stein, Switzerland

**Research Interests:** Agrochemicals and integrated solution for the agro business



Dr. Peter Lamp  
BMW AG

**Present position:** General Manager Research Battery Technology, BMW AG

**Research Interests:** Energy conversion and storage with present focus on battery technology



Dr. Andreas Marzinzik  
Novartis

**Present position:** Director, Lead Generation Chemistry, Novartis Leading Scientist

**Research Interests:** MedChem, Lead Generation, Library Science, DNA Encoded Libraries, Fragment Based Drug Design, Chemical Biology, Antibody Drug Conjugates



Dr. Ingo Münster  
BASF SE

**Present position:** Senior Research Manager, Head of Research on Materials for Organic Electronics

**Research Interests:** New Materials for Organic LEDs, FETs



WESTFÄLISCHE  
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MÜNSTER



# Forschung der Chemischen Industrie

Industry Research - Introduced to You.

Thursday  
May 21<sup>st</sup> 2015

Lecture Hall Building, Chemistry Institutes  
of the WWU Münster



Partner of the  
Event

1:00 pm Dr. Thomas Haas Evonik Industries AG  
Industrial Biotechnology today

Prof. Dr. Alexander Hillisch Bayer Pharma AG  
Can we design drugs?

Dr. Camilla Corsi Syngenta  
Modern Agrochemical Research:  
Bringing plant potential to life

PhD Poster Talks WWU Münster  
Selected contributions on current research projects

3:30 pm Poster Session  
Coffee break, discussion, snacks

4:30 pm Dr. Peter Lamp BMW AG  
Future generations of cathode materials:  
An automotive industry perspective

Dr. Andreas Marzinzik Novartis  
Discovery of ABL001:  
A New Allosteric Inhibitor of BCR-ABL

Dr. Ingo Münster BASF SE  
Material Innovations for  
Organic Light-Emitting Diodes

Reception  
„Sekttempfang“



syngenta

NOVARTIS



01	Aznarez, Francisco	Rh(III) and Ir(III) Complexes Bearing Protic Chelating NHCs: Synthesis and Applications in Catalysis
02	Backs, Jana	Syntheses and Reactivity of Geminal M/P Based Frustrated Lewis Pairs (M = Al, Ga, In)
03	Bartels, Katharina	Phenylcyclopropylamines as Inhibitors of Monoamine Oxidases and Precursors for 18F-Radiolabelling
04	Bieker, Georg	Electrochemical In Situ Investigations of the SEI and Dendrite Formation on the Lithium Metal Anode
05	Buhl, Moritz	A novel approach for amine patterning on self-assembled monolayers via microcontact printing
06	Cherevan, Alexey	Interface Engineering in Nanocarbon-Inorganic Hybrid Photocatalysts
07	Cznotka, Eva	Characterization of semi-interpenetrating polymer electrolytes containing poly(vinylidene fluoride-co-hexafluoropropylene) and ether-modified polysiloxane for LIB application
08	Dahlkamp, Matthias	Synthesis and Reactivity of the new Al/S-Based Frustrated Lewis Pair
09	Dehling, Eva	Investigation of protein-protein interactions in nonribosomal peptide synthetases (NRPS) using photoactivatable crosslinker
10	Eller, Christina	Reactions of Unsaturated Sulfur Compounds with Electrophilic Boranes
11	Frensemeier, Lisa	Speciation analysis of the arsenic containing drug roxarsone and its potential metabolites
12	Frömel, Silke	FLP Chemistry with Halogens and Zirconium Complexes
13	Fuchs, Jonas	Distribution of organic additives in micellar solution of surfactants
14	Galstyan, Anzhela	Planar metal complexes as electroluminescent materials and light-driven antibiotics
15	Goez, Albrecht	Towards an Accurate Quantum-Chemical Description of Proteins in Solution
16	Golembiewski, Birte	Cross-industry collaboration in the field of battery systems
17	Grützke, Martin	Extraction and Evaluation of the Electrolyte during the Recycling Procedure of Lithium-Ion Batteries
18	Hagenhoff, Sebastian	LC/MS Analysis of Vitamin D Metabolites by Plasma Based Ionization
19	Harms, Ulf	The DEAD-box helicase eIF4A: conformational changes and their role for translation initiation
20	Hauptenthal, Sabrina	Genotoxicity of herbal alkenylbenzenes
21	Held, Philipp Alexander	New 2D-Reactions at Noble Metal-Surfaces
22	Hickert, Sebastian	The contamination of German Food with Alternaria Mycotoxins - a Fast Multi Analyte LC-MS/MS Approach
23	Janßen-Müller, Daniel	NHC-Catalyzed Hydroacylation of Unactivated Olefins

24	Kalinin, Dimitrii	Synthesis of variously substituted proline hydroxamates as LpxC Inhibitors and their antibacterial activity
25	Löcken, Hauke	Angularly Anellated Lapacho Analogues with Antileishmanial Activity
26	Metternich, Jan B.	Photo-(organo)catalytic E → Z Isomerisation using (-)-Riboflavin
27	Nicolas, Henning	CB[8]-imprinted multilayer films for the reversible uptake and release of organic molecules
28	Pajaziti, Betina	Development of non-invasive methods for long-term monitoring of pancreatic islets of Langerhans
29	Quehl, Paul	Co-expression of functional human CYP1A2 and cytochrome P450 reductase on the surface of <i>E. coli</i>
30	Ramella, Vincenzo	Palladium-Catalyzed Synthesis of Highly Substituted Indolines
31	Rösner, Christian	Homohalocyclization: electrophilic bromine-induced cyclizations of cyclopropanes
32	Rosorius, Christoph	Bulky Allenyl and Propargyl Phosphane Derivatives in FLP Chemistry
33	Roy, Projesh Kumar	Simulating World's thinnest glass; theoretical study of the properties of two dimensional silica
34	Schiefelbein, Stephan	Structural Elucidation of Bi-Specificity of A Domains as a Basis to Activate Non-Natural Amino Acids
35	Schmidt, Henning	Thermostability of T-2 and HT-2 toxins during extrusion of oat flour
36	Schmithals, Claudia	Development of dibenzofuran-based CK2 inhibitors
37	Schriewer, Alexander	HILIC-ESI-MS Separation of Polar Redox-Cofactors and other Metabolites
38	Schweizer, Kristina	Thermodynamics of the formation of Ag(I)-mediated base pairs
39	Segler, Marwin	Modelling Chemical Creativity - Towards in-Silico Reaction Discovery
40	Tozakidis, Iasson E.	Spinning straw into gold: Towards the enzymatic release of glucose from cellulose
41	Ulbrich, Dirk	Synthesis of ω-Difluorinated α-Amino Acid Derivatives
42	Uttarkar, Sagar	Targeting AML with a small molecule inhibitor of the Myb/p300 interaction
43	Vonhören, Benjamin	Ultrafast layer-by-layer assembly of thin organic films based on triazolinedione click chemistry
44	Wigger, Tina	Identification and characterization of reactive PAH metabolites and their protein adducts using electrochemistry coupled to LC/MS
45	Wysocki, Jędrzej	Ru-NHC Catalyzed Asymmetric Hydrogenation of Disubstituted Furans
46	Yu, Xiaoheng	Collaboration along the value chain - Trends, success factors and partner choice