

Success Stories of Preclinical Research between Academia and Industry

House of Pharma Scientific Spring Conference in Marburg

26 May 2014

Aula der Alten Universität (Auditorium of the Old University)

27 May 2014

Hörsaalgebäude der Philipps-Universität Marburg (Lecture Hall Building)

Organizers



Co-Organizers



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Der Hessische Ministerpräsident



Message of Greeting

by Hessen's Minister President Volker Bouffier
for the Scientific Spring Conference "House of Pharma"

Science is an important part of human culture, it is essential for the further development of mankind. The promotion of education, science and research is therefore one of the focal points of the Hessian state policy. To prevail in international competition, the newest scientific research findings must be transferred fast and efficiently to technologies and to economic growth fields with new jobs. The interface between science and industry is of particular importance here.

With the House of Pharma a significant dialogue platform for science, industry and politics has been created in Hessen. This year's spring conference with the title „Success Stories of Preclinical Research between Academia and Industry“ shows the importance of science and knowledge transfer using outstanding examples. I am especially happy that such an impressive list of top-notch speakers could be won for the conference.

My sincere greetings go to all the participants of the spring conference. I am confident that this event will generate further positive impetus and will secure Hessen's sustainability as science and research location.

Volker Bouffier
Minister President of Hessen

Welcome



As the president of the University of Marburg I would like to welcome you all to the spring meeting of the House of Pharma and Healthcare in our beautiful city of Marburg.

We want to devote the present meeting to a status report but also use it as a kind of perspective analysis of the opportunities and challenges of preclinical research between academia and industry.

Hessen is clearly one of the best places to foster such initiatives. Pharmaceutical research has a long-standing tradition in our federal state. Important drug companies such as Merck and Hoechst were among the first to be founded here in Hessen more than 150 years ago. Academic research has a long tradition in Hessen too, calling to mind famous scientists like Emil von Behring, Justus von Liebig and Paul Ehrlich. Emil von Behring is a clear success story that shows how academic research can yield economic prosperity: As a professor of our university he used the prize money from his Noble award to found the Behring Werke which produced the first vaccines. The Behring Werke and their successors are still major employers in our city and highly important for the economy of our region. And last but not least, our University of Marburg is home to the oldest medicinal chemistry department in the world. More than 400 years ago Johannes Hartmann was appointed Professor of Chymie, a symbiosis of chemistry and pharmacy, with the goal to explore the potential of "chemistry" to support physicians to do successful medicine.

In the spirit of this tradition we want to take the initiative together with the universities of Giessen and Frankfurt and the University of Applied Sciences of Mittelhessen to start with this scientific spring meeting of the House of Pharma and Healthcare. I wish you a splendid time in our traditional university town with stimulating talks and fruitful discussions.

Katharina Krause

Welcome



The House of Pharma and Healthcare has been founded to establish a platform of exchange among scientists in academic and industrial settings in Hessen. In this spirit we want to welcome you in the city of Marburg to discuss achievements, perspectives but also the feasibility or possible obstacles of preclinical research between academia and industry. We have invited several internationally highly-recognized scientists in this field to report on their experience.

It is without a doubt that drugs can only be developed in a multidisciplinary environment in which chemists, pharmacists, technologists, molecular biologists, pharmacologists, toxicologists, and physicians work together to pave the way for an active substance to become a therapeutic agent. Because of this, in the past the majority of therapeutic developments have been accomplished in an industrial setting. Only in such environments does one have the financial means and organisation to ensure successful cooperation between all necessary disciplines, and to channel research in the required manner. Fundamentals and innovations of drug research are, however, increasingly being established in academia and research as a means of combatting infectious and rare diseases. Furthermore, diseases afflicting developing countries are receiving increasing attention from universities and academic institutions. It is argued by those working in the pharmaceuticals industry that the exploding costs for drug development make concentration on the most profitable targets and diseases necessary. Unfortunately, these targets do not include infectious or neglected diseases.

This situation appears quite alarming when we consider that our improved quality of life and prolonged life expectancy are attributed to, above all else, a victory over devastating infectious diseases. Is there a perspective to escape from this situation by combining the research efforts by academic and industrial institutions? It is hoped that our politicians recognize this situation in time and make the required resources and organizational infrastructure available to make a joint effort which is both efficient and goal-oriented.

We cordially invite you to learn from the status reports of our invited speakers but we also hope that the meeting will foster the discussion and exchange of ideas among the attendees of this spring meeting of the House of Pharma and Healthcare.

Gerhard Klebe

Monday, May 26, 2014

Aula der Alten Universität (Auditorium of the Old University)

12:30
Registration
Lunch



14:30
**Structure-based design and lead discovery:
Targeting protein-protein interactions for
more selective medicines**
Prof. Dr. Tom Blundell
Cambridge University, UK



13:30
Opening and welcome
Prof. Dr. Gerhard Klebe
Philipps-Universität Marburg, Germany



13:45
Welcome
Prof. Dr. Katharina Krause
Philipps-Universität Marburg, Germany

Scientific Program



Chair person
Prof. Dr. Peter R. Schreiner
Justus-Liebig-Universität Gießen, Germany



16:30
**From the structure of the ribosome to new
antibiotics**
Prof. Dr. Tom Steitz, Nobel prize 2009
Yale University, New Haven, USA



14:00
**Academic drug discovery: Success and
challenges**
Prof. Dr. William Jorgensen,
Yale University, New Haven, USA



17:15
**Structure-based drug discovery based in the
crystal structure of the ribosome**
Dr. Erin Duffy
RibX, Melinta Therapeutics, New Haven, USA

Tuesday, May 27, 2014

Hörsaalgebäude der Philipps-Universität Marburg (Lecture Hall Building)

08:00
Registration

12:30 to 13:45
Lunch break

Scientific Program



Chair person
Prof. Dr. Ulrich Koert
Philipps-Universität Marburg, Germany



09:00
**Cellular redox metabolism as target for
antitumor and antiparasitic drug discovery**
Prof. Dr. Katja Becker
Justus-Liebig-Universität Gießen, Germany



09:45
**The discovery of therapeutics for neglected
diseases and the translation of novel biology
through small molecule drug discovery**
Prof. Dr. Paul Wyatt,
College of Life Sciences, University of
Dundee, UK

10:30 to 11:00
Coffee break



11:00
**Inhibitor of aldosterone synthase:
An example for successful drug
development at university**
Prof. Dr. Rolf Hartmann
HIPS Helmholtz Zentrum, Universität Saar-
brücken, Germany



11:45
**From Carbohydrates to Glycomimetics -
Is there a General Recipe?**
Prof. Dr. Beat Ernst
Universität Basel, Switzerland



Chair person
Prof. Dr. Frank Runkel
Technische Hochschule Mittelhessen, Germany



13:45
**Synthetic carbohydrate antigens as carbohy-
drate vaccine candidates**
Dr. Claney Pereira
MPI Colloids and Interfaces, Potsdam, Germany



14:30
**The challenge to be prepared: Establishing
emergency anti-viral vaccines**
Prof. Dr. Stefan Becker
Philipps-Universität Marburg, Germany



15:45
**Identification of potentially carcinogenic infec-
tions and their role in cancer prevention**
Prof. Dr. Harald zur Hausen, Nobel prize 2008
DZKF, Heidelberg, Germany



16:30
Vaccine development against influenza infection
Prof. Dr. Rino Rappuoli
Global Head of Vaccines Research, Novartis
Vaccines and Diagnostics, Siena, Italy



17:15
Closing Remarks
Prof. Dr. Gerhard Klebe
Philipps-Universität Marburg, Germany

Information for visitors



Who can participate?

Students from the life sciences faculties at the Philipps-Universität Marburg, in particular pharmacy, chemistry, biology, medicine and physics, and economists. Furthermore, science and economics students of the Justus-Liebig-Universität Gießen, the University of Applied Sciences in Gießen and Friedberg as well as of the Goethe University Frankfurt are invited.

First-hand information!

Directly contact the responsible heads of Human Resources of the companies at the exhibition working in the fields of life sciences and pharmaceuticals. On the ground floor of the Hörsaalgebäude (lecture hall building, 300 sqm.), notable exhibitors will inform attendees about job prospects in their companies for both trainees and graduates.

Current brief presentations

at 12:00 and 15:00 in room +2/0100

by the Career Center Marburg and the job counseling service at the universities of the Employment Agency Marburg and Gießen. These presentations focus on the following topics:

- The employment market in 2014 for university graduates (focusing on scientists)
- Strategies for initial employment for scientists
Bachelor, Master, PhD
Search strategies, job markets, specialised employment agencies

Additionally you will receive current information about job perspectives at the exhibiting enterprises.

Checking of application documents – free of charge!

The Employment Agency Marburg and Gießen offers all students to check their application documents free of charge. Simply bring your application dossier to the job market and gain valuable hints on how to present yourself even more professionally.



Your digital passport photo – free of charge!

From 10:00 to 16:00 in room (+2/0120), you can have your professional application photos taken without prior appointment free of charge. You can then receive them in digital form directly via e-mail.

Counseling service for “studies and employment”

The Career Center of the Philipps-Universität Marburg offers counseling service for “studies and employment” at its information stand.



List of exhibitors

(until printing deadline) – further exhibitors on our website



www.marburg.cslobehring.de



www.octapharma-biopharmaceuticals.com



www.jobvector.de



www.siemens.com/diagnostics



www.sanofi.de

Information for exhibitors

The Job Fair offers exhibitors the opportunity to engage in face-to-face conversations with students. Furthermore, you can present your current projects and the contact persons of your company twice in a single day. On the website, students and other interested parties can obtain information about the companies prior to the fair and prepare themselves for these conversations.

If your company is interested in participating in the fair, you can find detailed information here:

Services for Job Fair sponsors

If you wish to participate as an exhibitor in the trade fair, detailed information can be found below:

Services for sponsors	Per m²
Price plus VAT (*min. 4 m² exhibition space)	€ 250.00*
Presence of your company logo in the run-up to the Spring Conference	
On the conference brochure and on 100 posters with your logo	Yes
Named as exhibitor on the website of the Spring Conference incl. link to the company website	Yes
Reference to the exhibition on the intranet of the three central Hessian universities	Yes
Your company's presence during the Spring Conference	
exhibition area in the foyer of the ground floor of the Hörsaalgebäude (lecture hall building) upon agreement* (*furniture and technical equipment and stand construction are not included, but can be booked through us)	Yes
Access to the internet free of charge at the exhibition stand	Yes
Drinks and snacks for personnel at the stand	Yes
Logo on the exhibitor wall in the ground floor foyer	Yes
Enclosure of a DIN A4 page in 1,000 conference bags	Yes
Possibility for two short presentations (five minutes each) of your job opportunities in a separate room	Yes
Attendance at the Spring Conference for employees / guests of your company free of charge	2

Information for visitors



First-hand information!

As an attendee at the House of Pharma Spring Conference, you will have the opportunity to visit our industrial exhibition in the foyer on the second floor (in front of the "Audimax" conference room), where you can find out about the latest innovations in the field of laboratory supplies and equipment. You will also be able to speak to and network with your partners in this industry.

List of exhibitors

(until printing deadline) – further exhibitors on our website



www.biomedis.de



www.cytogen.info



www.diopgmbh.com



www.drg-diagnostics.de



www.duerr-technik.de



www.hund.de



www.integra-biosciences.de



www.mt.com



www.timm-mittelhessen.de

*Exhibition booth

Information for exhibitors

If you wish to participate as an exhibitor in the "Laboratory Supplies" industrial exhibition, detailed information can be found below:

Services for sponsors	Per stand
Price plus VAT	€ 1,500
Presence of your company logo in the run-up to the Spring Conference	
On the conference brochure with your logo and opportunity to announce the conference on the company website	Yes
Named as exhibitor on the website of the Spring Conference incl. link to the company website	Yes
Reference to the exhibition on the intranet of the three central Hessian universities	Yes
Date announcement in the media of the F.A.Z. Institute with information about the event and industrial exhibition	Yes
Your company's presence during the Spring Conference	
3 x 3m* exhibition area in the foyer of the second floor of the Hörsaalgebäude (lecture hall building) (*furniture and technical equipment and stand construction are not included, but can be booked through us)	Yes
Access to the internet free of charge at the exhibition stand	Yes
Drinks and snacks for personnel at the stand	Yes
Logo on the exhibitor wall in the Audimax room	Yes
Enclosure of a DIN A4 page in 1,000 conference bags	Yes
Attendance at the Spring Conference for employees / guests of your company free of charge	2
Additional sponsoring options (depending on availability)	Price plus VAT
Printing and conditioning of writing pads with company logo in the conference bags per item € 3.00 (in 1,000 conference bags)	€ 3,000
Pens with company logo in the conference bags per item € 2.00 (in 1,000 conference bags)	€ 2,000

Registration



Participation in the Spring Conference is free of charge and includes a visit to the "Laboratory Supplies" industrial exhibition and to the Job Trade Fair as well as coffee, soft drinks and snacks (subject to availability).

We expect strong demand and would therefore like to ask you to register online in advance at **www.house-of-pharma.info**. Please fill in the registration form carefully (all fields marked with an "*" are mandatory) and then click on the "register" button.

The registration forms will be viewed chronologically (i.e. according to when they were received). Upon registering successfully, you shall receive confirmation of participation. Please bring this confirmation to ensure admission to the event.

If you are unable to attend, we kindly ask you to cancel via e-mail in good time at: akademie@transmit.de

On the days of the event, we will be at your service in the foyer of the following conference rooms:
26 May 2014 from 12:30 Foyer Aula der Alten Universität
27 May 2014 from 8:00 Foyer Audimax, 2nd floor, Hörsaalgebäude (lecture hall building)

Organizers



Co-Organizers



Media partner



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Locations



(Foto: Peter Müller)

Aula der Alten Universität (Auditorium of the Old University)
Lahntor 3, 35037 Marburg

Schedule:

26 May 2014	
Registration / Lunch	from 12:30
Spring Conference	13:30 to 18:00
(Auditorium of the Old University)	



(Foto: Oliver Geyer)

Hörsaalgebäude der Philipps-Universität Marburg (Lecture Hall Building)
Biegenstraße 14, 35037 Marburg

Schedule:

27 May 2014	
Registration / Coffee break	from 8:00
Spring Conference	9:00 to 18:00
(Second floor, Audimax)	
Industrial exhibition laboratory supplies	8:00 to 19:00
(Second floor foyer)	
Life Science- and Pharma- Job Fair	8:00 to 19:00
(Ground floor foyer)	

Travel information on our website www.house-of-pharma.info

Accommodation

Vila Vita Hotel Rosenpark

A limited number of rooms are available at the Vila Vita Hotel Rosenpark (May 26 to 27, 2014). The special rate for a single room is € 145, and for a double room € 165 (incl. breakfast buffet and free use of the Vila Vita Vital center. Please book your room directly at the hotel until April 7, 2014 with reference to the "House of Pharma".

Phone: + 49 (6 41) 6005-0

www.rosenpark.com



Further information about accommodation in Marburg and the surrounding area can be found here:

www.tourismus.marburg.de/gastgeber



City of Marburg

Information can be found here:
www.marburg.de

Travel information and registration:

On our website:
www.house-of-pharma.info

Your contact person

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