



October 15th, 2012

## 7. Newsletter

Dear HBRs Alumni students,

We proudly present our seventh HBRs Alumni newsletter. Here, we will report last year's developments of Hannover Biomedical Research School (HBRs) as well as those of MHH. We have organized several memorable events like the second summer academy (LISA), as well as the Master Class "Immune Regeneration". MHH was successful in the Excellence Initiative with the two Clusters "REBIRTH" and "Hearing4all". Unfortunately HBRs failed, however we will, of course, continue our excellent structured doctoral education. Enjoy reading about our current activities as well as news from your fellow Alumni. Thanks for your warm support and interest!



Reinhold E. Schmidt,  
Dean of HBRs

### Current status of HBRs and news

HBRs currently comprises **three international PhD programs** ("Molecular Medicine", "Infection Biology" and "Regenerative Sciences") and one **DFG-funded research training group**, being a joint European program together with Karolinska Institute, Stockholm. The program "**DEWIN**" (Dynamics of Host-Pathogen Interactions) was established in 2010 within the ZIB (Center of Infection Biology) and is supported within the Georg-Friedrich Lichtenberg program of Lower Saxony. A structured doctoral program for medical students was also established (**StrucMed**; Dr.med./Dr.med.dent.), as well as two HBRs-associated **Master programs** "Biomedicine" and "Biochemistry".

Currently, the various programs of HBRs host ~250 PhD students. In addition, 30 medical students were accepted for StrucMed as well as 60 new Master students (in two programs) this year. Of the PhD students, about 50% are international and around 20% have a medical background. About 50% are women.

### Master Class "Immune Regeneration" with M. Cavazzana-Calvo, JC. Zúñiga- Pflücker, P. Travers July 2012; MHH



### Master Class 2012

HBRs has again organized a Master Class – this year focusing on Immune Regeneration. On July 10<sup>th</sup>/11<sup>th</sup>, 2012, three invited scientists held their key lectures. Professor Mariana Cavazzana-Calvo from Hospital Necker Enfants-Malades, Paris gave an overview of the gene therapy for primary immunodeficiencies. She is one of the pioneers in this field, investigating the early steps of lympho-/myelopoiesis since the mid 1990s. The second speaker, Professor Juan Carlos Zúñiga-Pflücker from the Department of Immunology, University of Toronto, Canada summarized his high impact papers on *in vitro* models of human T cell development to *in vivo* applications of immune-reconstitution. Finally, Professor Paul Travers from MRC Centre for Regenerative Medicine, University of Edinburgh presented his work on immune reconstitution and immune senescence. Paul Travers is also well-known for his contribution to the popular text book "Janeway Immunology". In summary, the three talks added up very well and gave a broad overview of the current knowledge and main research directions in the field of immune regeneration. All major "hot topics" of the field were discussed, not only by the PhD students in the auditorium, but also by the post-docs and principal investigators taking part in the interesting and open discussion within and following the key note lectures.

The same afternoon and the next day, seminar sessions took place where HBRs-students could present their own projects and discuss them with the invited scientists. An informal get-together on the balcony of the HBRs building concluded the first day. In the end, everybody was thrilled by this exciting meeting!



## News from MHH

MHH celebrated the success in the German Excellence Initiative in June 2012. The Cluster "REBIRTH" will be supported for another 5 years and they will continue their great work. The new Cluster "Hearing4all" (together with University of Oldenburg) will be established.

MHH is the most successful Medical University in Germany! A recent ranking by the German Research Foundation (DFG) revealed MHH to be number one in research. About 788.500 Euro per professor was granted in the years 2008 to 2010.

For the third time, MHH has been awarded the title "family-oriented" in an audit by the German "Familienministerium".

### Personal:

Prof. Dr. Michael Kabesch (Paediatric Pneumology) was appointed W2 professor of Paediatric Pneumology and Allergology at University of Regensburg.

Prof. Dr. Toni Cathomen is now W3 professor for Cell- and Gene Therapy, Director of Transfusion Medicine at the University Hospital of Freiburg.

Prof. Dr. Bernhard Schieffer will leave MHH for a new position at Cardiology, University of Marburg.

## Voluntary Research Year (FWJ)

MHH was the first university in Germany to initiate the voluntary research year (FWJ) in 2011. From September 2012 on, the second 60 selected High School Graduates work in MHH laboratories and partner institutes (University of Hannover, TiHo, HZI) for one year. The aim is to motivate them towards a further study and career in Science. In addition to research experience in the labs, they are attending seminars and workshops. And they, of course, all receive some pocket money. Evaluation of the first batch revealed that indeed 95% decided to continue university studies in life science, engineering or medicine.

### Orientation weeks

**October 2011; in Hannover (at Market church)**



## 2<sup>nd</sup> Lower Saxony International Summer Academy in Immunology (LISA)

In September, Prof. Dr. Tim Sparwasser (TwinCore) and the HBRS office organized the second Lower Saxony International Summer Academy (LISA) in Immunology (Inflammation, Regeneration and Immunity). About 45 students from 30 different countries were selected to attend one week of intensive lectures and workshops followed by one (optionally 2 or 3) weeks of lab rotations and demonstration of instruments. Faculty was recruited from MHH, HZI as well as ITEM. In addition, outstanding international key lecturers like Bart Lamprecht, Gerard Eberl, Marc Veldhoen and Philippe Bousso discussed with LISA students. And also, social activities like a guided tour through Hannover city, BBQ, boat trip, firework, GOP theatre were organized.

The academy was kindly supported by DAAD, EFIS, REBIRTH as well as several Biotech companies.

The feedback was excellent. Therefore, we are already planning LISA in September 2013.

### LISA II September 2012



*"I love fools experiments. I am always making them...."*

*Charles Darwin (1809-1882)*

## 3<sup>rd</sup> Career day

On February 24<sup>th</sup>, the third career day was held. Representatives of a variety of different professions reported about their career tracks and experiences, and informed students about employment possibilities beyond PhD. This year, we especially invited a couple of Alumni students, as well as a science journalist, representative of "Laborjournal/Labtimes".





## Applications

In 2012, we received **810 applications** for our three PhD programs. We selected 60 new students among the highly qualified candidates, e.g. altogether ~200 interviews were conducted in Hannover and India. Applications are received online on [www.hbrs-application.de](http://www.hbrs-application.de)

## Fritz Hartmann Lecture

Opening of study year, October 2011;  
Ulrich Koszinowski; Max von Pettenkofer Institute,  
Munich



## Science Slam May 2012!

### BIRTH to REBIRTH: Regeneration "Thou Art That" (by Akshay Menon, RegScience)

The regenerative sciences are an emerging field of modern medicine offering hope for treating many diseases and disorders for which conventional therapies have yielded minimal or no results. With all its advancements, the topic of stem cell research and regenerative medicine still remains unfamiliar terrain to the public at large. In my personal experience, many people I have encountered either have no idea of what exactly stem cell research is all about, or seem to have a misconception about the field of regenerative medicine. In many cases, people's naivety towards stem cell research has prevented them from exploring various treatment options. My personal belief is that in order for regenerative science to gain a firmer footing in terms of research or any form of clinical application, the average person needs to have a basic knowledge of – and a clear outlook on – what stem cell therapy is and what treatment options it may offer. And one of my personal objectives is to reach out to as many people as possible, giving them insights into regenerative medicine in a fairly basic but yet knowledgeable way.

The Indo-German Science Slam provided me a wonderful platform to accomplish this and to reach out to a large audience, giving them an idea of what regenerative medicine is all about. It also gave me a chance to represent the REBIRTH programme and give the public an insight into the research and its potential for translation into clinical therapy, as is happening here at MHH. The Science Slam at India Days Hannover was indeed an interesting experience for me. And all the more so as introducing the topic of regenerative medicine and stem cell therapy to a novice audience in a very basic and humorous fashion, and yet conveying the essence of regenerative medicine to them, was the biggest challenge of all.

Personally hailing from India, the land of mysticism, as I do has inspired me in some ways to connect the various aspects of my religion and ancient myths to modern-day science which is what I would like to call a "scientific religion". For this purpose I titled my talk "Birth to REBIRTH: Regeneration तत् त्वम् असि" meaning "Regeneration: Thou Art That", giving the audience a brief glimpse of ancient Hindu mythology and various examples from it, and giving it an alternative interpretation in the light of modern-day science. From the birth of an organism onwards – throughout its life span – the complex process of regeneration is quite evident. The potential for an organ or a tissue to regenerate following degeneration and disease can also be regarded, in a sense, as the rebirth of that particular tissue. And if this potential could be exploited for the better, it could offer treatment options for many life-threatening diseases.

This approach – i.e. connecting religion with science, aided by numerous cartoon characters from shows such as The Simpsons and Family Guy – made it much easier for me to get through to the audience to convey the essence of using stem cell therapy for various clinical applications such as myocardial infarction. The response I got from the crowd was overwhelming, and the whole experience was one of a kind. It was indeed a learning experience, giving me a chance to work on my presentation skills, and a confidence booster to talk in front of such a large audience. I am looking forward to more such opportunities to showcase my scientific talent and represent the whole REBIRTH community.





## News in Research

*In this section, we will regularly publish short reviews of important and recent achievements in selected research fields, or useful tips! Everybody is welcome to contribute.*

### The LILR family



*by Hui Zhi Low, Singapore  
PhD Molecular Medicine, final exam June 2012; currently Postdoc in Clinical Immunology & Rheumatology, MHH*

The first members of the leukocyte immunoglobulin-like receptor (LILR) family were identified and described in 1997 by several independent groups. Since then, members of this family of receptors was characterized one after the other, and our group of Prof. Torsten Witte has worked on the genetics of LILRA3 in diseases.

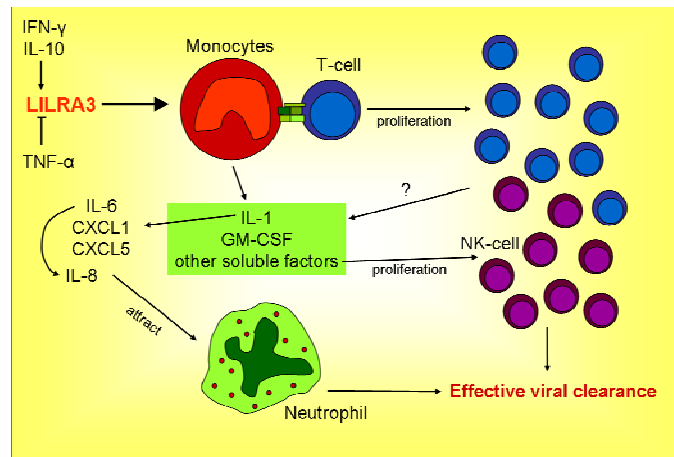
LILRA3 is a constitutively soluble protein and can exist as a deletion genotype, both characteristics distinct from other members of the LILR family. Our group has already shown that LILRA3 deletion has been associated with autoimmune diseases multiple sclerosis and Sjögren's syndrome (Kabalak G et al. Arthritis Rheum. 2009 Oct;60(10):2923-5; Koch S et al. Genes Immun. 2005 Aug;6(5):445-7), thus we were interested in studying whether the deletion of LILRA3 plays a part on the other end of the immunedysregulation spectrum, i.e. in malignant diseases. Together with Michael Töpperwien, our StrucMed student, we analyzed genomic DNA of 196 B-NHL patients and 798 healthy controls for the presence and absence variation on genomic DNA from and found that homozygous deletion of LILRA3 is also enriched in B-NHL. So we have all these genetic associations of the deletion of LILRA3 with autoimmune and malignant diseases, but no idea about the function of this highly clinically relevant protein. Thus I set out to functionally characterize the protein.

At the beginning of this project, the binding partner of LILRA3 was an unknown entity. Therefore, I identified the specific cell subsets that expresses the receptor for LILRA3 by performing flow cytometry on PBMCs using fluorochrome conjugated recombinant LILRA3. CD14<sup>+</sup> monocytes, and to a lesser extent CD19<sup>+</sup> B-cells, displayed binding to LILRA3, which was reversible in the presence of excess unconjugated protein. At the same time, I determined that LILRA3 induced proliferation in a allogeneic mixed lymphocyte reactions (MLR), and resolved that the specific proliferating populations were CD8<sup>+</sup> T-cells and NK-cells using CFSE.

Because LILRA3 bound neither to T-cells nor NK-cells, but rather to monocytes, we hypothesized that LILRA3 activates monocytes which then can act as APCs to activate and induce proliferation in the effector cells. Using a transwell assay (figure), I hit 3 birds with one stone, demonstrating that (1) depletion of monocytes eliminated the proliferative response, thereby strengthening our hypothesis; (2) T-cell proliferation required cell-contact to both the allogeneic cells and monocytes, implying its LILRA3-induced proliferation is not unspecific, but rather is tightly regulated by the co-stimulatory signal received from monocytes; (3) the induced NK-cell proliferation is cytokine dependent.

Thus, it seems that monocytes are the nodes through which LILRA3 exerts its functions. In cooperation with Klaus Schugart in the Helmholtz-Zentrum für Infektionsforschung, we performed gene expression microarrays on LILRA3 stimulated PBMCs and found many immune activatory genes regulated by LILRA3. We looked at the activation status of the monocytes by staining for MHC I and II, as well as the costimulatory molecules. MHC I was specifically upregulated, but not MHC II.

**Figure**



*Current understanding of the mechanism of immunomodulation by LILRA3. Limited data about the control of LILRA3 expression indicate that it is transcriptionally upregulated by IFN-γ and IL-10. LILRA3 activates monocytes, which secrete soluble factors that can activate NK-cell proliferation, as well as upregulate antigen presentation mechanisms, like MHC I and CD80, leading to activation and proliferation of CD8<sup>+</sup> T-cells. The activation of the cytotoxic effector can lead to a more effective viral clearance. The many soluble factors secreted also include a range of neutrophil chemoattractants, which might attract neutrophils to the site of virus clearance to phagocytose the apoptotic infected cells.*





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Surprisingly for the costimulatory molecules, CD80 and CD86 went different ways, with CD80 going up and CD86 coming down. LILRA3 also induced, in monocytes, the secretion of a host of cytokines, most important of which IL-1 $\beta$ , IL-6 as well as a host of granulocyte chemoattractants like IL-8, CXCL1 and CXCL5, identified by ELISA and intracellular cytokine staining.

As a working model, we believe that LILRA3 plays a part in the control of virus infections, which might be implicated in the pathogenesis of various autoimmune diseases and malignancies (eg. EBV), via the induction of various cytokines and proliferation of specifically cytotoxic cell subsets. It would be highly interesting therapeutically in the treatment of virus infections and malignant diseases, like HIV and B-NHL; or in the case of autoimmune diseases, its involvement in the inflammatory pathways makes it highly attractive as a neutralization target. Our next experiments will focus on whether this proliferation does lead to more efficient killing, as well as investigate factors regulating the expression of LILRA3, as well as the other LILRs.

*"To say that a man is made up of certain chemical elements is a satisfactory description only for those who intend to use him as a fertilizer. "*

*Hermann Joseph Muller (1890-1967) U. S. geneticist. Nobel prize for medicine 1946*

### HBRS Interviews 2012

#### Relaxing after interviews at Max-Müller, Chennai

From left: Renata Stripecke, Ernst Ungewickell, Padmavathi Chandramouli, Susanne Kruse, Reinhold E. Schmidt



### View from abroad I

*In this section, we will regularly publish short reports of experiences of our Alumni students as Postdocs etc. abroad! Everybody is welcome to contribute.*



**Tamas Dolowschiak, Hungary**

*PhD program "Infection Biology"; final exam July 2011; currently post-doctoral research fellow at ETH Science City, Zürich, Switzerland*

### The land of foamy mountains and cheesy lakes....

Yes, yes. This is Switzerland, my friend. This is the place where you go hiking through the breath-taking landscape of Crans-Montana in autumn, and where you want to test the capacity of your snowboard sliding downhill on Flumserberg in the winter. You will be left speechless starring the beautiful sun-window of Martin Hole's rocks in the spring, and you may also just jump in the water in summer to swim across Zürich Lake with another 9400 contender.

It's Switzerland in real, with all its stereotypes. Everything is organized. Trains come and go on time, the chocolate is creamy and delicious, and an untouched nature lies right under your feet. Folks on the street are polite and friendly. Theater plays and concerts feed the cultural desire of young and elderly. Sports and hobbies, such as hiking, skiing, cycling and gardening, breathe through the air wherever you go. Somehow everyone is surrounded by a sort of mixture of calmness and excitement. General things run parallel in three languages, as the official ones are German, French and Italian (of note, also Romansh). To be honest, one should put English on the list too, as many of the people do understand and fluently speak it. Oh, yes, and it's also one of the most expensive places to live in, but many of the people can actually afford a good life in Switzerland.

High quality and structural discipline what also science and education are based on here in Zürich. Recently, ETH Zürich has moved up five places on its QS ranking, bringing it to #13 in the list of the world's top universities.

This means that ETH Zürich is still the best-ranked university in continental Europe. The campus of Science City is based on the top of Höggerberg, and it is a modern, dynamic and cozy place for students and researchers of Architecture, Engineering, Chemistry and Biology. Three things that come to one's mind at first. A stunning view to the hills around and to the mountains far away. A lively ground filled with students gathering everywhere.



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And an exceptionally excellent catering with multiple choices and friendly staff.



As about me, I do my research in the group of Prof. Hardt at the Institute of Microbiology, where we study the pathogenesis of *Salmonella* infection. We have microbial geneticists, immunologists and cell biologists in the group, which gives one a fantastic potential to discuss science, results, and upcoming ideas. The atmosphere in the lab is extremely focused, high-paced, but funny. Regular meetings and seminars bring many projects close to each other to share data in progress. And last but not least, a superb IT staff helps to evolve an efficient and smooth flow of everyday work. All in all, Zürich is an amazing city for a visitor scientist to experience adventure, to capture the essence of a heterogeneous culture, and to make friendships for life. Personally, I think this is what a post-doctoral research should be based on. So my message to you, as a friend of mine used to say: Go for the awesomeness!

### View from abroad II



**Rachel Thomas, Canada**

*PhD program "Infection Biology";  
final exam January 2010; currently  
Postdoc at Hafing-Fyhn  
neuroscience group, University of  
Oslo, Norway*

### Greetings from Oslo, Norway!

Norway is a fantastic country with stunning natural beauty and all the seasonal variations common to northern countries. The general emphasis on enjoying life, a very high level of gender equality, a slower pace of life, impressive English fluency, and no shortages of opportunities to explore the country and spend your money make Norway a wonderful and exciting place.

The city of Oslo is often ranked as one of the best places in the world to live – and I couldn't agree more.

Oslo has all the perks of a thriving metropolis, with just over 600,000 inhabitants, and it also boast spectacular landscapes and easy access to outdoor activities. In fact, "fresh air activity" is so highly valued here that public transport is often crowded in the winter with cross-country skis and spandex!

I moved to Oslo in 2010 after graduating from the ZIB program. Before starting my current Postdoc position, I worked as a Senior Consultant for the Centre for Molecular Medicine Norway, where I performed a variety of tasks including knowledge translation and science communication. Then in January of 2012, I began my postdoc in the new Hafing-Fyhn neuroscience group at the University of Oslo. The group uses electrophysiology and two-photon microscopy techniques primarily to explore learning and plasticity in the brains of awake, behaving animals.

My work is focused on using a two-photon microscope to record calcium transients (a proxy for neuronal firing) in the visual cortex. I literally get to look inside the brains of awake animals while I exposed them to visual stimuli and see their brains in action in real time! Two-photon microscopy is a great tool for exploring *in vivo* tissues; the use of lower energy laser pulses results in much less tissue damage and thus the same animal can be looked at again and again for chronic studies. By combining fluorescent calcium indicators with structural markers, we can actually investigate how function (signalling) results in structural changes and how these impact plasticity and learning.



To say that this is a big change from the work I did during my PhD would be an understatement. And yet I feel so lucky to work in this fascinating field, with extremely talented and generous people, and exciting and challenging new techniques. To add a little extra complexity to the transition, I am currently expecting my first baby - just nine months after starting my Postdoc! Though this is not optimal timing in terms of my project, I have had nothing but support and encouragement from my group and the University. Turns out that Norway isn't just a great place to live, but also a great place to work AND have a family!





My three-year contract, extended to almost four years including maternity leave, is with the Department of Molecular Biosciences (IMBV) at the University of Oslo. As such, I have access to a huge variety of scientific courses, seminars, retreats and meetings, and fantastic opportunities for local collaborations with other research groups.

The University of Oslo, a mid-sized university, is a thriving research institution that boasts five Nobel Prize winners, is international in terms of staff and students, and emphasizes interdisciplinary and international collaborations. There are also a number of other research centres and private companies in Oslo providing employment opportunities in fields such as pharmacy or biotechnology for those looking outside of academia.

The combination of a beautiful country, excellent working opportunities, and a high quality of life make Oslo attractive to just about everyone. My experience thus far has been very positive, and I wouldn't hesitate to recommend it!

<http://www.uio.no/english/>

## Final exams

In November 2011 and June 2012, nineteen students of the PhD program "**Molecular Medicine**" successfully passed their final exams (Nora Anderson, Andrea Autengruber, Yarúa Jaimes, Daniela Kieneke, JayendraKumar K., Annika Kühn, Elena Lam, Hui Zhi Low, Martin May, Vanessa Melhorn, Ankita Minhas, Pooja Mishra, Mudita Pincha, Sheetal Ramachandran, Nils Pfaff, Daniel Pöhnert, Ayesha Sultan, Krishna C. Vallabhaneni, Susanne Wolf). The next exams are expected for November 16<sup>th</sup>.

### Award of HBRS PhD prize

Oct. 2011; Namita Saran, PhD program  
"Regenerative Sciences"



The final exams in the PhD program "**Infection Biology**" took place on January 20<sup>th</sup>, 2012 (Asolina Braun, Jan Dominik Haas, Semra Kati, Georgios-Leandros Moschovakis, Christina Ziegler), followed by the next ones on July 13<sup>th</sup>, 2012 (Lucie Bartoničková, Christina Brumshagen, Marcin Łukasz Cebula, Johanna Eberhard, Ildar Gabaev, Darya Haas (née Stsepanenka), Stephan Gunter Florian Halle, Bahram Kasmapour Seighalani, Anya Pelnikevich, Malte Sandbaumhüter, Olga Kristina Schulz, Christian Stern, Elisabeth Wende, Yuri Yakushko). The next final exams are scheduled for January 25<sup>th</sup>, 2013.

### Award of HIRSIB PhD Prize

Jan. 2012; PhD Infection Biology, Asolina Braun



### Award of ZIB-PhD Prize

Jan 2012; PhD Infection Biology, Jan Dominik Haas



On January 27<sup>th</sup>, 2012, the final exams in the PhD program "**Regenerative Sciences**" were conducted. The finalists were: Nico Lachmann, Christoph Stoll, Huan Sun, Kathrin Thomay, neé Lange and Zlata Vukadinovic-Nikolic neé Vukadinovic. The next exams were on June 29<sup>th</sup>, 2012 by Tanmay Chakradeo, Benjamin Groß, Kishor Bapu Londhe, Maryam Saghafian, Maya Sethi, Bala Sai Sundarasetty and Ramin Vakilzadeh. Next exams are on January 18<sup>th</sup>, 2013.

On April 5<sup>th</sup>, 2012 Lynn Kennemann passed the final exam in the IRTG 1273, followed by Susann Sanntag on September 26<sup>th</sup>.



*"Research is the transformation of money  
to knowledge. Innovation is the  
transformation of knowledge to money."*

*Hans Meixner (\*1939-; Siemens AG and  
Bavarian State Government)*

## Announcements

**Marriages:** Many of our students have married recently. We know of Christian Bernreuther, Krishna Ch. Vallabhaneni, Sangeeta Chauhan, Sabine Stegemann-Koniszewski. *Congratulations!!*

**Children ☺:** There are new "HBRS babies" by Khaled Alkarsah, Nina Coombs, Nicole Dietrich, Gesa Meyer, Florence Njau, Harshvardhan, Meera Shah, Leena Srivastava *Congratulations!!*



## Prizes

Some Alumni students were awarded important prizes for their research achievements:

**Tom Lüdde** (Molecular Medicine, exam November 2004) received the "Thannhauser-Prize" of the Deutsche Gesellschaft für Verdauungs- und Stoffwechselkrankheiten (10.000 Euro) in 2011; as well as the EMBO young investigator prize 2011

**Matthias Christgen** (Molecular Medicine, exam November 2008), has been awarded the Hannelore Munke Forschungsstipendium (15.000 Euro) in 2011

**Hengameh Abdollahpour** (Molecular Medicine, exam November 2010) received the ASH Prize (American Society of Hematology) of \$500 in 2011

**Sonja Werwitzke** (Molecular Medicine, exam 2004) received the stipend (Hans-Egli-Research stipend; 30.000 Euro) of the Society of Thrombosis- and Haemostasis Research (GTH).

### Award of Wilhelm Hirte PhD Prize

**Jan 2012; PhD Infection Biology,  
Georgios-Leandros Moschovakis**



**Ayesha Sultan** (Molecular Medicine, exam July 2012) received the prize of the Scandinavian Physiological society in 2012 (€400).

### Award of BD Biosciences PhD Prize

**July 2012; PhD Infection Biology, Stephan Halle**



### Award of Thermo Fisher Scientific PhD prize

**July 2012; PhD Infection Biology, Olga Schulz**



## What is....doing?

*Alexander Wolf, PhD Molecular Medicine 2009:*

„Although I really like my work here at the Institute of Pharmacology, University of Giessen, I have decided - after a long period of thinking - to leave research, because of the lacking long-term perspectives in my field. I will switch to industry now. From October 2012, I will work for Qiagen in Hilden as „scientist“. I will be responsible for automatic purification of DNA/RNA from clinical patient samples (Molecular Diagnostics).

Best wishes to all people in Hannover,  
Alex“

*P.S. If you would like to get in touch with anybody from this section or from the huge Alumni list, please contact the HBRS office. We will be happy to assist you!*





## Current list of HBRS Alumni students



### PhD program "Molecular Medicine"

*year 2000 (final exams 2003)*

- 1.) **Masoumeh Attaran-Bandarabadi:** Gastroenterology/Hepatology/Endocrinology, MHH
- 2.) **Yasmin Dulkys:** three children, Hannover
- 3.) **Veit Erpenbeck:** Habilitation at MHH 2007; Merck AG Darmstadt; from 2010 Novartis Institut für Biomedizinische Forschung, Basel
- 4.) **Masami Rudolph:** Otolaryngology, University Hospital Ulm
- 5.) **Gernot Sellge:** Institut Pasteur, Molecular Microbiology, Paris; from 2010 Universitätsklinikum Aachen, Medizinische Klinik III, Germany
- 6.) **Julia Skokowa:** Paediatric Haematology & Oncology, MHH (Junior group leader); Madeleine Schickedanz professor, Molecular Haematopoiesis, MHH
- 7.) **Andreas Tiede:** Haematology & Oncology, MHH

*year 2001 (final exams 2004/2005)*

- 8.) **A. Wahid Ansari:** Imperial College London, UK; 2010 Pediatric Pneumology, MHH; from 2011 Singapore Immunology Network, Immunology, Biopolis
- 9.) **Ferdinand Bahlmann:** Nephrology, MHH; Epoplus GmbH; M.Sc.P.M. Duisburg; Research coordinator, Medical Clinics IV, University Hospital, Homburg/Saar
- 10.) **Asha Balakrishnan:** Molecular Oncology, Institute for Cancer Research and Treatment (IRCC), Turin, Italy; from 2007 Medicine, UCSF, San Francisco, USA
- 11.) **Christian Bernreuther:** Neuropathology, University Hospital Hamburg-Eppendorf, Habilitation
- 12.) **Frank Bollig:** Molecular Genetics, Institute for Molecular Biotechnology (IMB), Jena; 2009 Clinical Chemistry, MHH; from 2010 Nephrology, MHH
- 13.) **Marc H. Dahlke:** Liver Stem Cell Group, Surgery, Regensburg; 1 year Sydney, AUS; Memorial Sloan Kettering Cancer Center, New York City, USA 2009-2010; Visceral Surgery Regensburg, "Oberarzt" ("Habilitation", senior physician)

14.) **Meta Djojosebroto:** Gene Therapy & Stem Cell Biology, Jules Gonin Eye Hospital, Lausanne, Switzerland

15.) **Julia Freise:** from 2006 Pneumology, MHH

16.) **Christoph Happel:** Paediatric Cardiology, MHH

17.) **Vladimira Jakubcakova:** Genes & Behaviour, Max-Planck-Institute for Biophysical Chemistry, Göttingen; from 2007 MPI Psychiatry Munich

18.) **Yijiang Li:** Thoracic & Cardiovascular Surgery, MHH

19.) **Jianyun Liu:** Beijing (V.R China)

20.) **Tom Lüdde:** EMBL Mouse Biology Unit, Monterotondo, Italy; from 2007 Medical Hospital III, Aachen (Habilitation), "Oberarzt" (senior physician)

21.) **Ebru Serinsöz-Pfeiffer:** mother of one child; Associate Professor of Pathology, Mersin, Turkey

22.) **Frank Tacke:** Mount Sinai School of Medicine New York; from 2006 Medical Hospital III, Aachen (Habilitation), "Oberarzt" (senior physician), W2 Professor

23.) **Mathewos Tessema:** Pathology, CRF 225, New Mexico, HSC, USA; from 2010 associate scientist at Lovelace Respiratory Research Institute, Albuquerque, NM USA

24.) **Sonja Werwitzke:** Haematology & Oncology, MHH

*year 2002 (final exams 2005/2006/2007)*

25.) **Diya Abraham:** Genes & Behaviour, Max-Planck-Institute for Biophysical Chemistry, Göttingen; from 2008 Dept. of Neurology, UCSF, San Francisco, USA

26.) **Syed Raza Ali:** Pharmacology, University of California, San Diego, USA

27.) **Georg Bohn:** Paediatrics, MHH, specialist; 7 months Médecins sans Frontières-MSF in Niger; from 09/2009 Paediatric Haematology Lectureship, Imperial College London

28.) **Thomas Gebhardt:** Microbiology & Immunology, The University of Melbourne, Australia

29.) **Shashi Kant:** Biochemistry & Molecular Pharmacology, Worcester, Massachusetts, USA

30.) **Claudia Karacsonyi:** Cell Biology, NHLBI, NIH, Bethesda, USA; from 2009 Drug development and Discovery, Italian Institute of Technology, Genoa, IT, from 2011 ICON Madrid (CRO company), clinical research

31.) **Varsha Kumar:** Theodor Kocher Institute, Bern, Switzerland; from 2011 New York, USA

32.) **Gesa Meyer:** Lohmann Animal Health GmbH, Cuxhaven



**33.) Anika Hoffmann (Meyerholz):** Paediatric Pneumology, MHH; 2010 babypause

**34.) Christina Nassenstein:** from 2007 Allergy and Clinical Immunology, Johns Hopkins University School of Medicine, Baltimore, USA; from March 2009 Anatomy and Cell Biology, University of Giessen (Junior group leader)

**35.) Axel Schambach:** Experimental Haematology, MHH (Junior group leader)

**36.) Aravind Sekhar:** Molecular Biology, MHH; Residency at Providence, Rhode Island; from 2011 Cardiology Subspecialty Fellowship, University of Louisville, Kentucky, USA

**37.) Amar Deep Sharma:** Gastroenterology/ Hepatology/ Endocrinology, MHH; from 2006 Developmental and Stem cell Biology, UCSF, San Francisco, USA; from 2009 REBIRTH MHH

**38.) Krishna K. Singh:** Mount Sinai Hospital, Toronto, Canada; St. Michael's Hospital, Division of Cardiac Surgery, Toronto, Canada

**39.) Manvendra K. Singh:** Genetics & Development, Columbia University, New York, USA; from 2008 Cell and Developmental Biology, School of Medicine, University of Pennsylvania, Philadelphia, USA

**40.) Frank Traub:** General, Visceral- and Transplant Surgery, Tübingen; from 2011 Sarkom-Center Berlin-Brandenburg, associated with Max-Delbrück Center Berlin

**41.) Linding Wang:** Virology, MHH; from 2007 Wuhan Institute of Virology, Chinese Academy of Sciences, China

*year 2003 (final exams 2006/2007/2008)*

**42.) Khaled Alkharsah:** Virology, MHH; from 2010 assistant professor, Prince Mohammed Bin Fahd Center for Research, University of Dammam, Saudi Arabia

**42.) Tammy Bohn (Chang):** Grenoble, France, from 08/2009 London with Georg Bohn; from July 2010: babypause

**43.) Anuhar Chaturvedi:** Lund, Sweden, from 2007 Haematology & Oncology, Marburg, Germany; from 2009 Haematology & Oncology, MHH

**44.) Dorothea Dijkstra:** from 2008 Fraunhofer Institute ITEM Hannover, from 2011 Pediatric Pneumology, MHH

**45.) Dorothea Gadzicki:** Junior professor, Pathology, MHH; from 2012 MVZ Medivision Altona, Hamburg

**46.) Jaba Gamrekelashvili:** Gastroenterology, MHH (TwinCore); from 2010 National Cancer Institute, NIH, Bethesda, USA

**47.) Arnab Ghosh:** Paediatric Haematology & Oncology, MHH; from 2007 Memorial Sloan Kettering Institute, New York, USA

**48.) Shipra Gupta:** Pharmacology, Experimental and Clinical Peptide Research; from 2007 Transplant Immunology, Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, USA

**49.) Eric Hesse:** Harvard Medical School, USA; from 2011 Heisenberg professor, Trauma, Hand, and Reconstructive Surgery, UKE, Hamburg

**50.) Kumaravelu Jagavelu:** Mayo Clinic, GI Research unit, Rochester MN, USA; from 2011 faculty position, Central Drug Research Institute, Lucknow, India

**51.) Andri Pramono:** motherhood, Bonn

**52.) Rahul Purwar:** Dermatology, MHH; from 2007 Dermatology, Harvard Medical School, Boston, USA

**53.) Bishnudeo Roy:** HZI Braunschweig

**54.) Gustavo Salguero Lopez:** Haematology & Oncology, MHH

**55.) Tibor Veres:** Fraunhofer Institute ITEM; from 2010 MediCity Research Laboratory, Turku, Finland

**56.) Anastassia Vertii:** UMASS Doxsey Lab, Worcester, Massachusetts, USA



*year 2004 (final exams 2007/2008/2009)*

**57.) Rannar Airik:** Molecular Biology, MHH; from 08/2009 Paediatrics & Human Genetics, Ann Arbor, Michigan, USA

**58.) Abdul Mannan Baru:** from 2008 Albert Einstein College of Medicine, New York, USA from 2009 at TwinCore Hannover

**59.) Sangeeta Chauhan:** Gastroenterology, MHH; IMCB Singapore

**60.) Mingmin Chen:** Gastroenterology, MHH

**61.) Prajeeth C.K.:** Clinical Microbiology & Immunology & Hygiene, University Hospital Erlangen; from 2011 Neurology MHH

**62.) Kursheed Iqbal:** FAL Mariensee; Beckman Research Institute (City of Hope), Los Angeles, USA.

**63.) Joanna Jagielska:** REBIRTH MHH

**64.) Adan Chari Jirmo:** Immunology and Rheumatology, MHH

**65.) Gamze Kabalak:** worked in UK for big pharmacy group; now Hexal/ Sandoz in Magdeburg

**66.) Nonsikelelo Mpofu:** Gastroenterology, MHH





## Alumni

**67.) Frederick Onono:** Hematology/ Oncology, MHH; from 2010 Kentucky, from 2010: Univ. of Kentucky, USA

**68.) Erkhembulgan Purevdorj:** Senior Lecturer of Genetics, Health Science University, Mongolia; from 2011 Deputy Director in charge of Research, Foreign Relations and Training at the National Center for Maternal and Child Health of Mongolia

**69.) Aaheli Choudhury Roy:** Gastroenterology/ REBIRTH, MHH; from 2010 Georg Speyer Haus - Institute for Biomedical Research, Frankfurt, Germany

**70.) Jessica Schwermann:** Physiological Chemistry, MHH; from 2011 Application Scientist, Protagen AG, Dortmund

**71.) Meera Shah:** Burnham Institute for Medical Research, La Jolla, USA

**72.) Anurag K. Singh:** Gastroenterology, MHH

**73.) Leena Srivastava:** Postdoc New Jersey, USA; second Postdoc Georgia University, USA

**74.) Basant Kumar Thakur:** Paediatric Haematology & Oncology, MHH

**75.) Murat Ünal:** Paediatric Haematology & Oncology, MHH; Boston USA

**76.) Fei Zhao:** TwinCore Hannover; from 2010 National Cancer Institute, NIH, Bethesda, USA

*year 2005 (final exams 2008/2009/2010)*

**77.) Ursula Ehmer:** Sage Lab, Department of Pediatrics, University of Stanford, USA

**78.) Matthias Christgen:** Pathology, MHH

**79.) Priyanka Dutta:** Physiological Chemistry, MHH; India

**80.) Luis Miguel Guachalla:** from 2011 Research Center for Molecular Medicine, Austrian Academy of Science; from 2012 scientist in Biotech Company Arsanis Bioscience, Vienna

**81.) Lydia Asrat Haile:** National Cancer Institute, NIH, Bethesda, USA; from 2012 Food and Drug administration (FDA), Bethesda, MD

**82.) Harshvardhan Rolyan:** University of Ulm; from 2011 University of Pittsburgh

**83.) Henoeh Hong:** Clinic for Immunology and Rheumatology MHH; from 2010 NEPRC New England Primate Research Center, Harvard Med. School, Boston, USA

**84.) Ananta Paine:** Unit of Computational Medicine, Center for Molecular Medicine, Department of Medicine, Karolinska Institute, Stockholm, Sweden

**85.) Amrita Rai:** Biophysical Chemistry MHH

**86.) Mathias Rhein:** Core facility "Cell sorting" MHH; from 2011 Clinical Psychiatry MHH

**87.) Reena Singh:** Victor Chang Cardiac Research Institute, Darlinghurst/ Sydney, Australia

**88.) Inga Sörensen:** Nephrology MHH

**89.) Ratnesh K. Srivastav:** Biophysical Chemistry, University of Frankfurt, Germany

**90.) Ujala Srivastava:** University of Ulm; from 2010 Jackson Lab, Main/USA

**91.) Kathrin Steinwede:** Experimental Pneumology MHH

**92.) Shahzad Nawaz Syed:** Department of Pathology & Molecular Medicine, McMaster University, Canada.

**93.) Dong Wang:** Dermatology MHH; University of Vienna, Austria

**94.) Alexander Wolf:** Institute of Pharmacology, University of Giessen, Germany; from 2012 Scientist, Molecular Diagnostics, Qiagen, Hilden

**95.) Katja Zscheppang:** Paediatrics MHH

*year 2006 (final exams 2009/2010/2011/2012)*

**96.) Hengameh Abdollahpour:** Pediatrics MHH, from 2011: UKE Hamburg

**97.) Nora Anderson:** Nephrology, Klinikum Braunschweig

**98.) Arpita Baisantray:** from 2012 Nephrology, MHH

**99.) V. Hari Balaji:** Benaroya Research Institute, Seattle, USA

**100.) Maria Gschwandtner:** Dermatology, Medical University of Vienna, Austria

**101.) Kshama Gupta:** Postdoc

**102.) Dhivya Haridass:** Munich, Germany

**103.) Niels Heinz:** Experimental Hematology MHH

**104.) Wolfgang Koestner:** Diagnostic and Interventional Radiology, MHH

**105.) Tobias Mätzig:** Experimental Hematology and Oncology, MHH

**106.) Manoj B Menon:** Physiological Chemistry MHH

**107.) Natalie Naue:** Biophysical Chemistry MHH

**108.) Nidhi Narain:** Research scientist, Oncology, Piramal Healthcare Ltd., Mumbai, India

**109.) Daniel Pöhnert:** General, Visceral and Transplantation Surgery, MHH

**110.) Wilhelm Walter:** Max-Planck Institute Dresden

**111.) Xiangyue Zhang:** Immunology, MHH

**112.) Kristina Wiege:** Clinic for Immunology and Rheumatology, MHH

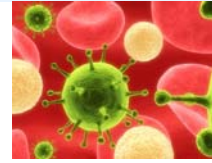


*year 2007 (final exams 2010/2011/2012)*

- 113.) Rakesh Kumar Bakshi:** University of Alabama, Birmingham, United States
- 114.) Vijay K. Chennupati:** Ludwig Institute for Cancer Research, Lausanne, Switzerland
- 115.) Sheetal Ramachandran Chettiar:**
- 116.) Sadaf Kasraie:** Postdoc, Global Preclinical R & D, Global Drug Discovery, Molecular Pharmacology, Grünenthal Pharma GmbH, Aachen, Germany.
- 117.) Katja Crull (Kochrube):** Gene Regulation and Differentiation, HZI, from 2/2012: Wehrwissenschaftl. Inst., Bereich Biol. Zentrallab., Munster
- 118.) Jayendra Kumar Krishnaswamy:**
- 119.) Jan Larmann:** Anesthesiology MHH
- 120.) Ankita Minhas:** Project Manager, Vakzine Project Management GmbH, Hannover
- 121.) Mudita Pincha:** German Cancer Research Center (DKFZ), Heidelberg
- 122.) Harald Schütt:** Cardiology MHH
- 123.) Theodros Solomon Tsegaye:** Center for Disease Control and Prevention (CDC), Atlanta, USA
- 124.) Usriansyah:** Immunology MHH ??
- 125.) Susanne Wolf:** Hematology & Oncology, MHH

*year 2008 (final exams 2011/2012)*

- 126.) Andrea Autengruber:** Leibniz-Institute for environment-medical research (IUF), Particle-Cell-Interaction, Düsseldorf
- 127.) Yarua Jaimes Becerra:** Immune Regulation, Deutsches Rheuma-Forschungszentrum (DRFZ), Berlin.
- 128.) Dirk Heckl:** Harvard Medical School, USA
- 129.) Daniela Kieneke:** Virology, MHH
- 130.) Annika Köhl:** Infection Biology, German Primate Center, DPZ, Göttingen
- 131.) Elena Lam:** Virology, MHH
- 132.) Hui Zhi Low:** Clinic for Immunology and Rheumatology, MHH
- 133.) Martin May:** Toxicology, MHH
- 134.) Vanessa Melhorn:** Virology, MHH
- 135.) Pooja Mishra:** Immunology, MHH
- 136.) Nils Pfaff:** REBIRTH, MHH
- 137.) Ayesha Sultan:** MHH
- 138.) Krishna Chaitanya Vallabhaneni:** Cancer Institute, UMMC, Jackson, Mississippi, USA



### ***PhD program "Infection Biology"***

*year 2003 (final exams 2006/2007/2008)*

- 1.) Simon Berberich:** Projektmanager Ecron Acunova GmbH, Frankfurt/Main
- 2.) Tanja Bosse:** Evotec AG, Research Scientist
- 3.) Eva Gellermann/née Brüning:** dental prosthetics (CrossBIT), MHH
- 4.) Michael Düwel:** GSF - National Research Center for Environment and Health, Munich; from 2010 head of lab at Multimmune GmbH, Munich, Germany
- 5.) Heidi Imhoff:** 04/07-09/08: Medical Science Liaison, Immunology, Essex Pharma, Muenchen  
09/08-06/11: Medical & Scientific Liaison, Immunology, Merck Canada (previously Schering-Plough Canada)  
08/11-12/13: MBA student at Sauder School of Business, University of British Columbia, Vancouver, Canada
- 6.) Susanne Lerch:** Jun07-Dec08 ICON Clinical Research GmbH, Langen, Germany, Jan09-Jun11 ICON Clinical Research Plc, Marlow UK; Jul10-Jun11 maternity leave; from July11: Senior Clinical Research Associate, ICON Clinical Research GmbH, Langen,
- 7.) Petra Luthje:** Department of Physiological Chemistry, University of Veterinary Medicine Hannover
- 8.) Maren Mönkemeyer:** Clinical Immunology, MHH; from Oct. 2007 QUISIANA Pharma, Hannover
- 9.) Patrick Olbermann:** Zentrum für Infektionsforschung, University of Würzburg
- 10.) Simone Reinwald:** Walter and Eliza Hall Institute of Medical Research, Melbourne, Australia
- 11.) Melanie Rust:** Microbiology MHH; 2010 parental leave
- 12.) Sebastian Seth:** Immunology, MHH, from July 2011 Merck Millipore
- 13.) Jessica Thalmann:** Nephrology, MHH
- 14.) Kristina Theusner:** 04/2007 -12/2008, Cell Biology Unit, MRC Laboratory for Molecular Cell Biology, University College London; from 01/2009, Account Manager Meditech Media in London
- 15.) Angelika Hafke/ née Waltermann:** University of Göttingen, Medicine, Central Laboratory
- 16.) Claudia Welz:** Bayer HealthCare Animal Health, Monheim, Anthelmintics Research





## Alumni

**17.) Ulrike Wittkopp:** Hannover Clinical Trial Center GmbH, Clinical project manager

**18.) Tim Worbs:** Immunology, MHH; studying human medicine at MHH

*year 2004 (final exams 2007/2008/2009)*

**19.) Vanessa Barroso:** UK

**20.) Maike Diddens-de Buhr:** Central Animal Laboratory, MHH; from 2009 Animal Evolutionary Ecology, University of Münster

**21.) Nicolas Fasnacht:** Experimental Immunology, HZI, Braunschweig; from 2009 Postdoc at EPFL Lausanne

**22.) Davide Ferraris:** University of Eastern Piedmont, Novara, Italy

**23.) Julia Heinzmann:** Friedrich-Loeffler-Institute of Farm Animal Genetics in Mariensee

**24.) Kay Johswich:** Molecular Genetics, Toronto, Canada

**25.) Janet Krege:** Merck KGaA, Darmstadt; Merck-Millipore, Processing Technologies - Upstream & Monitoring Technologies

**26.) Marcin Lyszkiewicz:** Postdoc at Immunology, MHH

**27.) Priyanka Narang:** Centre for Immunology and Infection, University of York, UK

**28.) Julia Pulverer:** Molecular Biotechnology, HZI

**29.) Kerstin Radtke:** Département de pathologie et biologie cellulaire, Université de Montréal, Canada

**30.) Peter Reichardt:** Institute of Molecular and Clinical Immunology, University of Magdeburg

**31.) Upneet Sandhu:** Braunschweig

**32.) Sven-Christian Sensken:** Abbott GmbH, Hannover

**33.) Nuno Viegas:**

**34.) Stefanie Weiß:** Project Manager, Toplab GmbH in Martinsried

**35.) Caroline Zaoui:** Microbiology, Greenloop, Brussels, Belgium

**36.) Beata Zygmunt:**

*year 2005 (final exams 2009, 2010)*

**37.) Nadja Bakocevic:** Singapore

**38.) Sara Bartels (Leschner):** Molecular Immunology, HZI

**39.) Nupur Bhatnagar:** Clinic for Immunology and Rheumatology, MHH

**40.) Mandy Glaß:** MRC Unit Virology, University of Glasgow, UK

**41.) Lydia Janus:** Central Animal Laboratory, MHH

**42.) Jessica Janus:** Department of Infectious Diseases, Virology; University Hospital Heidelberg

**43.) Vanessa Jensen:** Cell Biology, TwinCore

**44.) Anna Leybo:** Training "Klinische Forschung / Clinical Data Manager", mibeg-Institut Medizin (Köln).

**45.) Julia Micklinghoff:** action medeor e.V. Deutsches Medikamenten-Hilfswerk, Tönisvorst, Germany

**46.) Claudia Moccia:** RKI Berlin, Zoonosis

**47.) Florence Njau:** Nephrology, MHH

**48.) Stefan Pachnicke:** Bayer Vital GmbH, Tiergesundheits, Leverkusen

**49.) Marcel Pietrek:** Virology, MHH

**50.) Quan Qiu:** Pathology, Feinberg School of Medicine, Chicago, USA

**51.) Girish Ramachandran:** Center for Vaccine Development, School of Medicine, Baltimore, USA

**52.) Julia Schipke:** Virology, MHH; from 2011 parental leave

**53.) Swati Shukla:** Postdoc at Lund University hospital, Sweden

**54.) Malgorzata Szczodrak:** Clinical Operations Enablement Specialist, AstraZeneca, R&D, Warsaw Clinical Operational Hub, Poland

**55.) Halina Tegetmeyer:** Microbial Fitness, Max Planck Institute for Marine Microbiology, Bremen, now Center for Biotechnology, Bielefeld

**56.) Milena Tosiek:** Institute Pasteur, Paris, France

**57.) Sarvari Velaga:** Haematology&Oncology, MHH

**58.) Tetyana Yevsa:** Chronic Infection & Cancer, HZI

*year 2006 (final exams 2010)*

**59.) Nicole Dietrich:** ALLStil Studien GmbH, Frankfurt (Clinical Trial Assistant).

**60.) Sirine El Houry Mignan:** Zürich, Switzerland;

**61.) Swantje Hammerschmidt:** Postdoc at VIB, Gent, Belgium

**62.) Jan Hänisch:** Postdoc at Institute Pasteur, Paris, France

**63.) Anika Hävemeier:** Freelance Clinical Research Associate, Novartis

**64.) Sonja Horatzek:** Julius Kühn Institut, Braunschweig

**65.) Florian Klauschies:** Thermo Fisher Scientific, Freiburg, Germany

**66.) Rajesh Kolli:** Postdoc at dpt. of Chemistry and Biochemistry, University of Wisconsin, USA



## Alumni

- 67.) Manju Nagarajan:** Postdoc at dept. of Experimental Surgery, University of Regensburg
- 68.) Miriam Nörder:** HCTC Hannover
- 69.) Ulfert Rand:** Postdoc at DKFZ, Heidelberg, from November 2012 University of Manchester
- 70.) Anchana Rathinasamy:** Postdoc DKFZ, Heidelberg, Cancer Immunology
- 71.) Fabienne Rehren:** Drug safety officer at clinical research organisation, Berlin
- 72.) Rachel Thomas:** Senior consultant at Centre for Molecular Medicine Norway (NCMM); from 2012 *Hafing-Fyhn neuroscience group, University of Oslo, Norway*

*year 2007 (final exams 2010, 2011, 2012)*

- 73.) Imke Bargaen:** Leibniz-Institut für umwelt-medizinische Forschung (IUF, Immunology), Düsseldorf
- 74.) Lucie Bartonickova:** Medical Microbiology, MHH
- 75.) Paulina Blazejwska:** Vaccinology, HZI
- 76.) Christiane Brohm:** Clinical project manager at Vakzine Projekt Management GmbH, Hannover
- 77.) Tamas Dolowschiak:** postdoctoral fellow at Microbiology, ETH, Zürich
- 78.) Ines Hahn:** Experimental Pneumology, MHH
- 79.) Wiebke Jäger (nee Albrecht):** Virology, MHH
- 80.) Semra Kati:** Virology, MHH
- 81.) Anja Marquart:** GE Healthcare, Dassel
- 82.) Georgios-Leandros Moschovakis:** Immunology, MHH
- 83.) Julia Schneider:** Hamburg
- 84.) Evgenyia Scheibe (Solodova):** Postdoc "Viral Immune Modulation" at HZI (group of Dr. Brinkmann)
- 85.) Barkha Srivastava:** Comprehensive Pneumology Centre (CPC), Inst. of Lung Biology and Disease (iLBD), Helmholtz Zentrum Munich
- 86.) Imke Steffen:** Blood Systems Research Institute, San Francisco, CA, USA
- 87.) Benjamin Wahl:** GATC Biotech, Konstanz
- 88.) Jörg Willenborg:** Postdoc at Microbiology, TiHo

*year 2008 (final exams 2011, 2012)*

- 89.) Constantin Bode:** Eurofins CPT in Hamburg
- 90.) Asolina Braun:** Postdoc at Inst. of Immunology, MHH
- 91.) Christina Brumshagen:** Pulmonary Medicine, MHH

- 92.) Marcin Cebula:** Model Systems for Infections, MHH
- 93.) Johanna Eberhard:** Clinic of Immunology, MHH
- 94.) Ildar Gabaev:** Virology, MHH
- 95.) Darya Haas:** Virology MHH
- 96.) Jan Haas:** Morphosys, Martinsried
- 97.) Stephan Halle:** Postdoc at Inst. of Immunology, MHH
- 98.) Antje Ksienzyk:** deputy department leader of quality control, Fraunhofer Institute IZI, Leipzig
- 99.) Anna Pelniczewich:** Paediatric Pneumology, MHH
- 100.) Malte Sandbaumbhüter:** Virology, MHH
- 101.) Olga Schulz:** Postdoc at Inst. of Immunology, MHH
- 102.) Christian Stern:** Molecular Immunology, HZI
- 103.) Elisabeth Wende** Institut für Bioanalytische Chemie, Leipzig University
- 104.) Yuri Yakuschko:** Virology, MHH
- 105.) Christina Ziegler:** Infection Immunology, HZI

*year 2009 (final exams 2012)*

- 106.) Bahram Kasmapour Seighalani:** Research Group Phagosome Biology, MHH



### **PhD Program "Regenerative Sciences"**

*Year 2007 (final exams 2011, 2012)*

- 1.) Lacramioara Botezatu:** Postdoc at the Clinic for Hematology, Universitätsklinikum Duisburg-Essen
- 2.) Milada Butueva:** ass. physician, Städtisches Klinikum Magdeburg, Germany
- 3.) Mareike Derks:** ORPHANET Germany, Institute of Human Genetics, MHH
- 4.) Kishor Londhe:** India, searching for a Postdoc position
- 5.) Ina Rittelmeyer:** Department of Gastroenterology, Hepatology and Endocrinology, MHH, since June 2012: Diagenos, Osnabrück
- 6.) Namita Saran:** Postdoc in MRC Laboratory of Molecular Biology, Cambridge, UK
- 7.) Vivek Vikram Singh:** Postdoc at the institute of Microbiology & Immunology, Chicago Medical School (RFUMS), Chicago, USA





**8.) Bala Sai Sundarasetty:** Postdoc in RG Lymphatic Cell Therapy (REBIRTH) at the Clinic of Haematology, Haemostostology, Oncology and Stem Cell Transplantation, MHH

**9.) Ewa Surdziel-Cabanska, née Surdziel:** November 2011, Presidential Postdoctoral Fellowship Program, Novartis Institutes for BioMedical Research (NIBR) and Friedrich Miescher Institute (FMI), Novartis Pharma (Basel, Switzerland)

**10.) Christine Walter née Völkel:** registration manager, BELCHIM Crop Protection, Burgdorf

**11.) Kathrin Wolf:** Inflammation and Immunity, HZI, since April 2012: Scientist R&D at QIAGEN GmbH, Hilden, Germany

*Year 2008 (final exams 2011, 2012)*

**12.) Tanmay Chakradeo:** Institute for Multiphase Processes, LUH

**13.) Benjamin Groß:** since July 2012 Postdoc at Oklahoma Research Foundation, Oklahoma City, USA

**14.) Nico Lachmann:** Postdoc in JRG Reprogramming, REBIRTH, MHH

**15.) Michael Rothe:** Postdoc at Experimental Hematology, MHH

**16.) Maryam Saghafian:** Postdoc at Karolinska Institutet, Stockholm, Sweden

**17.) Maya Sethi:** Postdoc at Cellular Chemistry, MHH

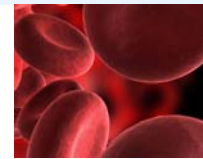
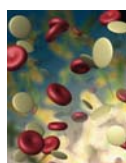
**18.) Christoph Stoll:** Process Specialist, Production Small Scale Area, Baxter Oncology in Halle/Westfalen, Germany

**19.) Huan Sun:** Manager Registration, MDSS – Medical Device Safety Service, Hannover, Germany

**20.) Kathrin Thomay, née Lange:** Postdoc, Cell- and Molecular Pathology, MHH

**21.) Zlata Vukadinovic-Nikolic, née Vukadinovic:**

**22.) Ramin Vakilzadeh:** Postdoc, Institute of Immunology, MHH



### ***IRTG 1273 "Strategies of human pathogens to establish acute and chronic infections"***

*year 2006 (final exams 2010/2011/2012)*

**Sabine Stegemann-Koniszewski:** Group Immune regulation, HZI

**Sabrina Voedisch:** Neurology Dpt., Freiburg

**Sebastian König:** Abbott Laboratories

**Andreas Jeron:** Group Immune regulation, HZI

**Mathias Müsken:** Institute for Molecular Bacteriology, TWINCORE

**Kerstin Stegmann:** London School of Hygiene, UK

**Claudia Dürr:** McGill University, Montreal, Canada

**Katrin Janik:** Land- und Forstwirtschaftliches Versuchszentrum Laimburg, Bozen, Bereich "Funktionelle Genomik"

**Peggy Riese:** Vaccine Research, HZI

**Sarah Horst:** Infection Immunology, HZI

**Nina Coombs:** Medical Microbiology and Hospital Epidemiology, MHH

**Dorothea Bankwitz:** Experimental Virology, TwinCore

**Lynn Kennemann:** Medical Microbiology and Hospital Epidemiology, MHH

**Susan Sanntag:** Virology, MHH

### ***GRK 1441 "Allergic response in lung and skin"***

*year 2006 (final exams 2010/2011)*

**Saskia Knothe:** Project Management Therapeutic Cell Initiative Pharma Research and Early Development (pRED), Roche Diagnostics GmbH, Penzberg

**Verena Kopfnagel (nee Schäfer):** Dermatology, MHH

**Carla Winkler:** Immunology and Allergology, ITEM

**Jana Zeitvogel:** Dermatology, MHH

**Carolin Pilzner:** Infection Genetics, HZI Braunschweig



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