



October 21st, 2013

8. Newsletter

Dear HBRS Alumni students,

We proudly present our eighth 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 third summer academy (LISA), as well as a weekend workshop in Berlin. Currently, a lot of building activities are going on at MHH and new professors have been appointed. Since April, the new president of MHH is Professor Christopher Baum (former Experimental Haematology). 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 **five** international PhD programs ("Molecular Medicine", "Infection Biology", "Regenerative Sciences" and from October 2013 "Auditory Sciences" and "Epidemiology"), one **DFG-funded research training group**, being a joint European program together with Karolinska Institute, Stockholm., and a Marie Curie Initial Training Network in the field of tissue engineering "TECAS". The program "**DEWIN**" (Dynamics of Host-Pathogen Interactions) was established in 2010 within the 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.), as well as two HBRS-associated **Master programs** "Biomedicine" and "Biochemistry".

Currently, the various programs of HBRS host ~250 PhD students. In addition, 40 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.



Excursion to Qiagen GmbH

End of May, about 30 HBRS students and Susanne head off to visit Qiagen GmbH in Hilden (near Düsseldorf). After a welcome address by Mrs Dufner (HR), Dr Norbert Hochstein from R&D talked about his own career and job at Qiagen. It was very interesting to see how a start in the Biotech industry would be, how flexible one should be and how quickly one can achieve further promotion. Afterwards we had a guided tour through production, labs as well as the shipping department. Alexander Wolf (Alumni of PhD Molecular Medicine) joined us then to answer all different kinds of questions, including the application process. The working language at the company is English and apparently, Qiagen seems to be quite family friendly. So, we got a very useful insight. ☺

Goodbye Marlies Daniel

Marlies Daniel left the HBRS office by August 2013 to go into well-deserved retirement. We will miss her a lot, and wish her all the best...





Weekend workshop in Berlin

The DAAD kindly supported a weekend workshop for specialists from third world countries (to prevent crisis and conflicts) on the topic "Understanding the Germans – Intercultural aspects". Therefore, 20 students of the PhD program Molecular Medicine travelled to Berlin from April 19th-21st, 2013. Students were coming from China, India, Venezuela, Lebanon, Ukraine, Romania and Germany. In the mornings, the trainer Grit Kümmele discussed various aspects on integration into the German thinking and way of life as well as conflict management. The cultural program on afternoons and evenings included a guided bus tour, visit to the German Bundestag, the Brandenburger Tor, the Holocaust memorial, a guided boat tour as well as the DDR museum. All Students said that they now understood more of the German history and culture, and even would like to learn more. The weekend was a great success. The workshop will certainly be repeated in 2014.



News from MHH

MHH is still Germany's largest transplantation centre and the largest Clinic for lung transplantations in Europe. In 2012, about 420 organs were transplanted.

Lower Saxony supports the Centre for Biomedicine Technique, Implant Research and Development (NIFE) with 5.8 million Euros for 3 years. A new building of 13.200 m² is currently erected near MHH.

Two new buildings on MHH campus will be inaugurated soon: the Clinic of Dermatology/outpatient department of Urology and the Transfusion Medicine/ Diagnostic Laboratories.

The Leducq foundation supports the transatlantic network of micro-RNA based therapeutic strategies for vascular diseases (MIRVAD) of Prof. Thomas Thum with 6 million US dollar.

IFBTx will be continued being supported by the BMBF with 22.6 million Euros for the next 5 years.

The DFG Clinical Research Group 250 "Genetic and cellular mechanisms of autoimmune diseases" will be supported for another three years with more than 4 million Euro.

Prof. Förster received the "ERC Advanced Grant" of the EU (2.5 million Euros for 5 years) in November 2012.

Prof. Gesine Hansen and her teams received the Eva Luise Köhler research prize (50.000 Euro) in March 2013.

New president of MHH:

April 2013. Prof. Christopher Baum (former Experimental Haematology) succeeded Prof. Dieter Bitter-Suermann.



New professors and new supervisors at HBRS:

- Emanuelle Charpentier (Regulation in Infection Biology, MHH/HZI),
- Jörg Heineke (Heisenberg professor, Cardiology, MHH)
- Lothar Hambach (Haematology & Oncology, MHH),
- Georg Hansmann (Paediatric Cardiology, MHH),
- Gerard Krause (Epidemiology MHH/HZI),
- Axel Schambach (former PhD Molecular Medicine, Experimental Haematology, MHH, recently appointed)
- Ingo Schmitz (Systemoriented Immunology and Infection Research, HZI),
- Erich Schneider (Pharmacology, MHH)
- Daniel Sedding (Vascular Remodelling and Regeneration, Cardiology, MHH)

Orientation weeks

October 2013; in Hannover (at the opera house)





LISA III

Visit at HZI, August 2013



3rd Lower Saxony International Summer Academy in Immunology (LISA)

Prof. Dr. Tim Sparwasser (TwinCore) and the HBRS office organized the third Lower Saxony International Summer Academy (LISA) in Immunology (Inflammation, Regeneration and Immunity) in August 2013. About 40 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 Adrian Liston, Tracy Hussell and Sebastian Amigorena 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 August/ September 2014.

Next Master Class "Imaging and Animal Models"

This year's Master class will focus on Animal models. For November 14th/15th, 2013 HBRS invited Anna Ceresoto (CiBIO, Italy), Michael Sixt (IST Austria) as well as Bernhard Nieswandt (Würzburg) to discuss with students. *Details in the next edition...*

4th Career day

On March 8th, the forth career day took place. Representatives of a variety of different professions reported about their career tracks and experiences, and informed students about employment possibilities beyond PhD. This year again, we especially invited a couple of Alumni students, as well as a representative of BioRegion.

Applications

In 2013, we received **1240 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

Fritz Hartmann Lecture

Opening of study year, October 2013;

Doloris J. Schendel; Helmholtz Center Munich, German Research Center for Environmental Health, Institute of Molecular Immunology



"Growth for the sake of growth is the ideology of the cancer cell...."

Edward Abbey, American Writer (1927-1989)



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.**

MiR-212/132: Tiny RNAs with an important role in heart failure



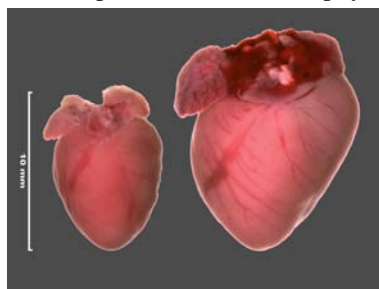
*by Shashi Kumar Gupta, India
PhD Molecular Medicine, final exam June 2013; currently Postdoc in Institute of Molecular and Translational Therapeutic Strategies (IMTTS), MHH*

The human genome is composed of protein coding genes and non-coding RNAs. Non-coding RNAs include long non-coding RNA (lncRNAs), microRNAs, tRNA, rRNAs, piRNAs and snoRNAs. Our group is mainly interested in lncRNAs and microRNAs and their translation to therapeutics and diagnostics. MicroRNAs are transcribed as pri-miRNA and processed by Dicer and Drosha to form 22 nucleotide long mature microRNAs.¹ Mature microRNAs are loaded into RISC complex and could bind to the 3'UTR of target mRNA based on complementarity of seed sequence. RISC complex protein GW182 interacts with cytoplasmic poly A binding protein (PABPC) and abrupt the interaction of PABPC with translation initiation complex and recruits deadenylation complex and XRN1 5'-3' exonuclease leading to degradation of mRNA².

Numerous studies from several researchers around the globe had shown the involvement of microRNAs in disease pathologies and their pharmacological intervention to be a therapeutic target thus demonstrating their high potential. Previously, our group had successfully shown the beneficial effect of in-vivo manipulation of miR-21 and miR-24 in cardiac disease models^{3,4}. In my PhD work, I found the miR-212/132 cluster from a phenotypic microRNA screen to be the top candidate to induce cardiac hypertrophy. In-vivo the miR-212/132 cluster was upregulated after five weeks of aortic banding in the cardiomyocyte fraction while no change in fibroblasts were detected elucidating a role of this microRNA cluster in cardiomyocyte biology. In fact, a previous study from our own group had reported miR-212/132 cluster to be upregulated in failing and fetal heart compared to non-failing depicting the similarity between the outcomes of two different methods⁵. In co-operation with Dr. Ahmet Ucar and Dr. Kamal Chowdhury from Max Planck Göttingen we generated cardiac specific miR-212/132 transgenic mice, which eventually die at an early age due to heart failure development. MiR-212/132 overexpressing hearts show increased heart

weight, cardiomyocyte size and higher expression of hypertrophic marker genes. Null mice for the miR-212/132 cluster depicted partial rescue in response to cardiac stress like aortic banding. Mechanistically, we found FoxO3 an anti-hypertrophic and pro-autophagic transcription factor to be target of miR-212/132 cluster. FoxO3 was decreased in miR-212/132 transgenic hearts and in response to phenylphrine (a hypertrophic stimulus) treatment to cardiomyocyte in-vitro. Lower levels of FoxO3 were also reported in human failing heart compared to non-failing heart confirming the striking similarity of our transgenic hearts to human heart failure⁵. FoxO3 mediates its anti-hypertrophic effect by repressing NFAT activity and we showed an increased NFAT activity in transgenic hearts while it decreased NFAT activity in null mice hearts. As FoxO3 regulates cardiac autophagy, we also found lower and higher autophagic activity in transgenic and knockout hearts respectively thus stating that miR-212/132 cluster inhibits cardiac autophagy. In-vitro we also measured cardiac autophagic activity in cardiomyocytes by counting LC3-GFP puncta and we show less number of puncta in response to starvation (autophagy inducer) after overexpression of miR-212/132.

MicroRNAs can be inhibited in-vivo by antagomirs, a chemically modified oligonucleotide anti-sense to microRNA. Antagomirs against miR-132 were administered to a trans-aortic banding model resulting in improved cardiac function, less hypertrophy, less NFAT activity and restored levels of FoxO3 reproducing the null mice phenotype. This approach illustrates a great the therapeutic potential of miR-132 in treating cardiac disease. In direction to this our next objective is to treat cardiac remodelling post myocardial infarction by utilizing either miR-212/132 null mice line or antagomir mediated inhibition. In contrast to the inhibition, we also test a different approach utilizing AAV9 virus to overexpress the miR-212/132 cluster for a short period of time to inhibit the development of cardiac atrophy.



Morphology of explanted hearts from WT and miR-212/132 transgenic mice 10 weeks after birth⁶.

1. Carthew RW, Sontheimer EJ. *Cell*. 2009;136:642-655.
2. Huntzinger E, Izaurralde E. *Nat Rev Genet*. 2011;12:99-110.
3. Thum T, et al. *Nature*. 2008;456:980-984.
4. Fiedler J, et al. *Circulation*. 2011;124:720-730.
5. Thum T, et al. *Circulation*. 2007;116:258-267.
6. Ucar A, Gupta SK, et al. *Nat Commun*. 2012;3:1078.



View from abroad

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



By Krishna Vallabhaneni, India

PhD program "Molecular Medicine"; final exam June 2012; currently postdoc at Cancer Institute, UMMC, Jackson, USA

There are no secrets to success. It is the result of preparation, hard work and learning from failure"

I live in Jackson, the "City with Soul" and is the capital of the state of Mississippi in U.S. The city is rich with culture, music, and southern hospitality. Initially I had found their accent difficult to understand and would smile or laugh when someone cracks a joke even when I didn't understand. I am slowly working on getting better. Jackson has something to offer for everyone, young and old alike. I can't comment on the night life as I haven't explored yet, because of the fear of being the wrong person at a wrong place and at a wrong time! I would like to explore that in future with good company. Residents of Jackson are proud of their music, their cuisine, and also their numerous cultural and recreational sites. When compared to other states Jackson has a good quality of life with low cost of living.

About me, I feel very fortunate to have been selected as a PhD student in Prof. Inna Dumler's lab through HBRs Molecular medicine program in 2008. In her lab, I received an excellent training, guidance and support to build my research career. I am confident that the experience helped me in networking, confidence, qualifications and motivation to take my next step in career as a postdoctoral researcher. I received my PhD from HBRs Molecular Medicine program in June 2012 and got married with Deepika in August and moved to Jackson in November 2012 carrying a bundle of sweet memories from Hannover.

Jackson is the home to the University of Mississippi medical center (UMMC) which provides the tertiary health care for the entire state. I am working as a postdoctoral research fellow at cancer institute UMMC which has excellent infrastructure to carry out cutting edge research. My work focus on developing liposome based novel therapeutics to inhibit the mesenchymal stem cell stromal support in breast tumors.

My current supervisor Dr. Radhika Pochamapally is a dynamic researcher who believes that training involves independence to conduct research and providing with exceptional training to transform me into an independent researcher. Life on the campus is wonderful with a very friendly and warm environment created by fellow colleagues. I have German friends in the campus with whom I start my conversation by saying 'Hallo, wie geht's dir? ich bin deutsch sprechen nur ein bisschen' and then shift to English! I regret not learning German enough to be fluent. Mastering Deutsch would have made my time in Germany more pleasureable.

US is the land of opportunity, and success in today's global scientific field demands increased adaptability, developing skills, intellectual flexibility, political awareness and cross culture sensitivity. I am striving hard to develop these critical assets and create a competitive advantage and firm base in scientific field to achieve my long term goals. In this journey of mine, HBRs provided a great contribution for which I am always indebted.

Finally, I would like to thank Dr. Susanne Kruse for giving me this opportunity to share my views with you all.



"The joy of discovery is certainly the liveliest that the mind of man can ever feel"

Claude Bernard, French physiologist (1813-78)



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 16th.

Award of HBRS PhD prize

Oct. 2012; Maya Sethi, PhD program “Regenerative Sciences” & Annika Krämer-Kühl, PhD program “Molecular Medicine”



The final exams in the PhD program “**Infection Biology**” took place on January 25th, 2013 (Anna Buch, Elena Grabski, Sarah Hinkelmann, Yi-Hu Huang, Lucas Kemper, Uliana Komor, Cornelia Lindner), followed by the next ones on June 28th, 2013 (Andrea Bischof, Simon Danisch, Baishakhi Datta, Deepika Devadas, Adarsh Dharan, Harro Frauendorf, Kathrin Hüging, Natascha Kruse, Wiebke Opitz). The next final exams are scheduled for January 24th, 2014.

Award of Wilhelm Hirte PhD Prize

Jan. 2013; PhD Infection Biology, Cornelia Lindner



Award of BD-PhD Prize

June 2013; PhD Infection Biology, Kathrin Hüging



On January 18th, 2013, the final exams in the PhD program “**Regenerative Sciences**” were conducted. The finalists were: Maryam Akhoondi, Julia Dahlmann, Reto Eggenschwiler, Christiane Gras, Angelica Roa Lara, Michaela Mai, Martin Pacher, and Sabrina Schmeckeber, The next exams were on June 21st, 2013 by Monica Jara Avaca Anne Christel, Reinhard Hämmerle, Dag Heinemann, Chun-Wei Lee, Daniel Maeda and Laura Schlausa. Next exams are on January 17th, 2014.

The following students of the IRTG 1273 passed their final exams in 2013: Miriam Kiene, Luisa Denkel, Syed Fazle Rouf, Chriselle Mendonca, Maxi Scheiter and Anne Frentzen

Announcements

Marriages: Many of our students have married recently. We know of Susann Hartung (Müller), Annika Krämer-Kühl, Gamze Erdmann (Kabalak), Pooja Mishra, Harald Schütt, Jenny Seltmann, Ananta Paine, Anna Leibo, Hari Balaji Congratulations!!

Children ☺: There are new “HBRS babies” by Lynn Kennemann, Harald Schütt, Sangeeta Chauhan, Maria Gwandtner & Luis Guachalla, Nidhi Narain Congratulations!!





Prizes

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

Fareed Ahmad (Molecular Medicine, exam June 2012) received the DAIG-Nachwuchsforscherpreis 2013 from DAIG/Deutsche AIDS-Gesellschaft e. V. on 15th June in DÖAK 2013, Innsbruck, Austria

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

Prestigious Award for IMTTS Researcher

April 2013 The Deutsche Gesellschaft für Kardiologie (German Society of Cardiology) and Oskar-Lapp Stiftung awarded the Oskar-Lapp Forschungspreis 2013 to **Shashi Kumar Gupta** from the Institute of Molecular and Translational Therapeutic Strategies (IMTTS) for his work on "The miRNA-212/132 family regulates both cardiac hypertrophy and cardiomyocyte autophagy" published in Nature Communications in Sep 2012. Together with researchers from MPI Göttingen, the researchers show that the miR-212/132 cluster is induced during pressure overload and causes cardiomyocyte hypertrophy and impaired autophagy in cardiomyocytes. Overexpression of the miR-212/132 cluster was detrimental while inhibition resulted in protection from pressure-overload induced cardiac hypertrophy. This study paves a way for future miRNA based therapeutics for treatment of heart failure patients.

Award of Oskar-Lapp Forschungspreis

April 2013; Shashi K. Gupta, PhD program
„Molecular Medicine“



What is....doing?

Christian Stern, PhD Infection Biology 2008:

I am currently doing a documentation (film project) on scientists from eight different countries. Please see: <http://oneworldonelab.net/>
After 6 months in Asia, I am now in South America...
Christian

Jessica Schwermann, PhD Molecular Medicine 2008:

My boyfriend and I have made our dream come true: two years sailing around the world! End of February, I stopped working for Protagen (as Application Specialist) and then we started our tour beginning of May. Stops are Denmark, Sweden, Norway, Scotland, Ireland, France, Spain, Portugal, Madeira, Caribbean Islands, New York etc.

You can follow us on: <http://www.jessi-and-nils-on-tour.de>
Jessi

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!

*"Only one thing is certain—
that is, nothing is certain.
If this statement is true, it is also false"*

Ancient paradox



Alumni

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 Institute for BioMedical Research, Basel
- 4.) **Masami Rudolph:** Otolaryngology, University Hospital Ulm
- 5.) **Gernot Sellge** Institute Pasteur, Molecular Microbiology, Paris; from 2010 Universitätsklinikum Aachen, Medizinische Klinik III, Germany
- 6.) **Julia Skokowa:** Paediatric Haematology & Oncology (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, Immunos, Biopolis; from 2013 University of Malaya, Kuala Lumpur, Malaysia
- 9.) **Ferdinand Bahlmann:** Nephrology, MHH; Epoplus GmbH; M.Sc.P.M. Duisburg; Research coordinator, Medical Clinics IV, University Hospital, Homburg/Saar and Red Flag Diagnostics, Homburg
- 10.) **Asha Balakrishnan:** Molecular Oncology, Institute for Cancer Research and Treatment (IRCC), Turin, Italy; from 2007 Medicine, UCSF, San Francisco, USA; from 2013 Gastroenterology MHH
- 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; from 2013 Limbach Laboratory, Hannover
- 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, from 2013 babypause

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, from 10/12 Neuroscience-Sleep-Chronobiology, Montreal, Canada

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; from 2013 Kinderzentrum Lindenpark, Baar, Switzerland

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



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31.) Varsha Kumar: Theodor Kocher Institute, Bern, Switzerland; from 2011 Hospital for Special Surgery, New York, USA

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

33.) Anika Hoffmann (Meyerholz): Paediatric Pneumology, MHH; 2010 babypause; University of Oldenburg

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 (professor, principal investigator)

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, now independent group leader

38.) Krishna K. Singh: Mount Sinai Hospital, Toronto, Canada; St. Michael's Hospital, Division of Cardiac Surgery, Toronto, Canada; from assistant professor National Institute of Biomedical Genomics (NIBMG), Kalyani, India

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 (junior group leader)

45.) Dorothea Gadzicki: Junior professor, Cell- and Molecular Pathology, MHH; from 2012 MVZ Medivision Altona, Hamburg

46.) Jaba Gamrekelashvili: Gastroenterology, MHH (TwinCore); from 2010 National Cancer Institute, NIH, Bethesda, USA; from 2013 Nephrology, MHH

47.) Arnab Ghosh: Paediatric Haematology & Oncology, MHH; from 2007 Memorial Sloan Kettering Institute; from 2013 Icahn School of Medicine at Mount Sinai, 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; from 2010 Benaroya Research Institute, Seattle, 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; from 2013 Nephrology, Children Hospital, Boston, USA

58.) Abdul Mannan Baru: from 2008 Albert Einstein College of Medicine, New York, USA from 2009 at TwinCore Hannover, from Nov 2012, Molecular and Translational Cardiology, MHH

59.) Sangeeta Chauhan: Gastroenterology, MHH; IMCB Singapore; from 2013 babypause

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.



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63.) Joanna Jagielska: Hematology & Oncology, REBIRTH MHH

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

65.) Gamze Erdmann (Kabalak): worked in UK for big pharmacy group; Hexal/ Sandoz AB Barleben, near Magdeburg; from 2013 head of QA/ Quality systems

66.) Nonsikelelo Mpofu: Gastroenterology, MHH

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 Specialist, Protagen AG, Dortmund; from 2013 2-year sabbatical (sailing around the world)

71.) Meera Shah: Burnham Institute for Medical Research, La Jolla; from 2013 Penn State University, Hershey, Pennsylvania, 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; Molecular Haematopoiesis, MHH

76.) Fei Zhao: TwinCore Hannover; from 2010 National Cancer Institute, NIH, Bethesda, USA; from 2013 Wuhan Institute Of Virology, Chinese academy of sciences, China

year 2005 (final exams 2008/2009/2010)

77.) Ursula Ehmer: Sage Lab, Department of Pediatrics, University of Stanford, USA; from 2012 Internal Medicine II, Klinikum Rechts der Isar, TU Munich

78.) Matthias Christgen: Pathology, MHH

79.) Priyanka Dutta: Physiological Chemistry, MHH; New York, USA, babypause

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.) Henoch 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 Molecular Neurosciences, Clinical Psychiatry MHH

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

88.) Inga Sörensen-Zender: 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; National Center for Radiation Research in Oncology (OncoRay), Dresden

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 Baisantry: 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 Post Doc. (since Feb 2012), at the Institute Foundation Molecular Oncology (IFOM-IEO), in Milan, Italy.

102.) Dhivya Haridass: Munich, Germany



Alumni

- 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, from 2013 Pathology (working on Cellular Immunology), Stanford University School of Medicine, USA
- 112.) **Kristina Wiege:** Clinic for Immunology and Rheumatology, MHH; from 2013 X-Lab University of Göttingen

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:** Scientist and scientific project manager, Global Preclinical Drug Discovery, Grünenthal Innovation, 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:** Laboratory Medicine, Yale University School of Medicine, USA
- 119.) **Jan Larmann:** Anesthesiology MHH
- 120.) **Subhashree Mahapatra:** Advanced Research Scientist, L'Oréal Paris
- 121.) **Ankita Minhas:** Project Manager, Vakzine Project Management GmbH, Hannover
- 122.) **Susann Hartung, née Müller:** LEBAO MHH, from September 2013 babypause
- 123.) **Mudita Pincha:** German Cancer Research Center (DKFZ), Heidelberg
- 124.) **Harald Schütt:** Cardiology MHH; from 2013 Cardiology, University Clinics Marburg
- 125.) **Adrian Schwarzer:** Experimental Hematology, MHH
- 126.) **Theodros Solomon Tsegaye:** Center for Disease Control and Prevention (CDC), Atlanta, USA

- 127.) **Usriansyah:** Dermatology, University Hospital Zuerich, Switzerland

- 128.) **Susanne Wolf:** Hematology & Oncology, MHH

year 2008 (final exams 2011/2012/2013)

- 129.) **Andrea Autengruber:** Leibniz-Institute for environment-medical research (IUF), Particle-Cell-Interaction, Düsseldorf
- 130.) **Kiran Bala:** Virology, MHH
- 131.) **Yarua Jaimes Becerra:** Immune Regulation, Deutsches Rheuma-Forschungszentrum (DRFZ), Berlin
- 132.) **Tamaryin Godinho:** Experimental Hematology, MHH
- 133.) **Dirk Heckl:** Harvard Medical School, USA
- 134.) **Daniela Kieneke:** Virology, MHH; from 2013 Immunogenetics (among head of lab), Transfusion Medicine, MHH
- 135.) **Annika Krämer-Kühl:** Infection Biology, German Primate Center, DPZ, Göttingen; from February 2013 R&D Boehringer Ingelheim Veterinary Research Center Hannover
- 136.) **Elena Lam:** Molecular Virology, Heinrich Pette Institute, Hamburg
- 137.) **Hui Zhi Low:** Clinic for Immunology and Rheumatology, MHH
- 138.) **Aliaksandra Maroz:** Pediatric Hematology & Oncology, MHH
- 139.) **Martin May:** Toxicology, MHH
- 140.) **Vanessa Melhorn:** Virology, MHH
- 141.) **Pooja Mishra:** Immunology, MHH; from 09/13 Canada
- 142.) **Nils Pfaff:** REBIRTH, MHH
- 143.) **Tim Ripperger:** Cell and Molecular Pathology, MHH
- 144.) **Volker Rust:** representative, Almirall Hermal, Reinbek (Hamburg)
- 145.) **Ayesha Sultan:** Ulm
- 146.) **Krishna Chaitanya Vallabhaneni:** Cancer Institute, UMMC, Jackson, Mississippi, USA

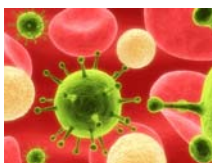
year 2009 (final exams 2012/2013)

- 147.) **Fareed Ahmad:** Clinical Immunology and Rheumatology, MHH
- 148.) **Mariam Al-omari:** housewife (two children)
- 149.) **Mona El Khatib:** Pediatric Hematology & Oncology, MHH
- 150.) **Stephan Emmrich:** Pediatric Hematology & Oncology, MHH
- 151.) **Lisa Föhse:** Immunology, MHH



Alumni

- 152.) **Franziska Greulich:** Molecular Biology, MHH
 153.) **Shashi Kumar Gupta:** Molecular and Translational Therapeutic Strategies, MHH
 154.) **Sumadi Lukman Anwar:** Pathology, MHH
 155.) **Erum Sughra Naqvi:**
 156.) **Ramesh Pandey:** Pediatric Hematology & Oncology, MHH



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:** CrossBIT, Hannover, parental leaves 2009 and 2011
- 4.) **Michael Düwel:** GSF - National Research Center for Environment and Health, Munich; head of lab at Multimmune GmbH, Munich; from 2012 Servier Forschung und Pharma-Entwicklung GmbH, München
- 5.) **Heidi Imhoff:** 04/07-09/08: Medical Science Liaison, Immunology, Essex Pharma, Munich; 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; Dec. 12 MBA (Graduation May 13), 11/12-07/13 Medical Science Liaison at InterMune Canada Inc.; since 1 Aug. MSD Sharp & Dohme, Market Access Team, Manager Outcomes Research in Munich
- 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; maternity leave with second son
- 7.) **Petra Lühje:** Department of Physiological Chemistry, University of Veterinary Medicine Hannover, from November 2012 Karolinska Institutet, Department of Microbiology, Tumor and Cell Biology (MTC)
- 8.) **Maren Mönkemeyer:** Clinical Immunology, MHH; from Oct. 2007 QUISIANA Pharma, Hannover; from October 2012 product management for private label pharmaceutical products Altapharma/ Rossmann GmbH, 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 Mediatech Media in London
- 15.) **Angelika Hafke/ née Waltermann:** University of Göttingen, Medicine, Central Laboratory
- 16.) **Claudia Welz:** Bayer HealthCare Animal Health, Monheim, Anthelmintics Research
- 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:** 08/2008-04/2013 Department of Molecular Genetics, University of Toronto; since 05/2013 group leader at the Institute for Hygiene and Microbiology, Würzburg
- 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



Alumni

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: Research fellow in Singapore Immunology Network, Singapore

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

39.) Nupur Bhatnagar: Clinic for Immunology and Rheumatology, MHH; from Oct. 2012 post-doctoral research associate on 'Antigen specific T-cell and B-cell responses in food allergies' at Benaroya Research Institute, Seattle, USA

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; Physikalisch-Technischen Bundesanstalt (PTB) in Braunschweig, Project coordinator "Technical Cooperation with Asia"

46.) Claudia Moccia: Drug Regulatory Affairs Manager at Salutas Pharma (Hexal-Sandoz-Novartis Group), Magdeburg, Germany

47.) Florence Njau: Nephrology, MHH

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

49.) Marcel Pietrek: Virology, MHH; from February 2012 scientist at Institut Virion/Serion GmbH in Würzburg

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; Department of Gastroenterology, Hepatology and Endocrinology, MHH

year 2006 (final exams 2010, 2011)

59.) Nicole Dietrich: ALLStil Studien GmbH, Frankfurt (Clinical Trial Assistant); son born on 25.05.2012, parental leave; from August 2013 Boehringer Ingelheim, "Medical Information Officer"

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

61.) Swantje Hammerschmidt: Postdoc at VIB (group of Bart Lambrecht), Gent, Belgium; from Sept. 2013 Postdoc at Institute of Immunology, MHH

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

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

64.) Sonja Horatzek: Julius Kühn Institut, Braunschweig; from July 2013 AutoVision GmbH, Braunschweig

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

66.) Rajesh Kolli: "GVKbio", Hyderabad, India

67.) Zofia Magnowska:

68.) Manju Nagarajan: Postdoc at dept. of Experimental Surgery, University of Regensburg

69.) Miriam Nörder: HCTC Hannover

70.) Ulfert Rand: Postdoc at DKFZ, Heidelberg, from November 2012 University of Manchester

71.) Anchana Rathinasamy: Postdoc DKFZ, Heidelberg, Cancer Immunology

72.) Fabienne Rehren: Drug safety officer at clinical research organisation, Berlin

73.) Rachel Thomas: Senior consultant at Centre for Molecular Medicine Norway (NCMM); from 2012 *Hafing-Fyhn neuroscience group, University of Oslo, Norway*



Alumni

year 2007 (final exams 2010, 2011, 2012)

- 74.) Imke Bargaen:** Postdoc at Leibniz-Institute for environment-medical research (IUF), Immunology, Düsseldorf
- 75.) Lucie Bartonickova:** Medical Microbiology, MHH
- 76.) Paulina Blazejwska:** Vaccinology, HZI
- 77.) Christiane Brohm:** Clinical project manager at Vakzine Projekt Management GmbH, Hannover
- 78.) Tamas Dolowschiak:** postdoctoral fellow at Microbiology, ETH, Zürich
- 79.) Ines Hahn:** Experimental Pneumology, MHH
- 80.) Wiebke Jäger (nee Albrecht):** Virology, MHH
- 81.) Semra Kati:** Virology, MHH
- 82.) Anja Marquart:** GE Healthcare, Dassel; from Nov. 2013 Octapharma in Springe
- 83.) Georgios-Leandros Moschovakis:** Immunology, MHH
- 84.) Julia Schneider:** Hamburg
- 85.) Evgenyia Scheibe (Solodova):** Postdoc "Viral Immune Modulation" at HZI (group of Dr. Brinkmann); from January 2013 Volkswagen Wolfsburg
- 86.) Barkha Srivastava:** Comprehensive Pneumology Centre (CPC), Inst. of Lung Biology and Disease (iLBD), Helmholtz Zentrum Munich
- 87.) Imke Steffen:** Blood Systems Research Institute, San Francisco, CA, USA
- 88.) Benjamin Wahl:** GATC Biotech, Konstanz
- 89.) Jörg Willenborg:** Postdoc at Microbiology, TiHo

year 2008 (final exams 2011, 2012, 2013)

- 90.) Constantin Bode:** Eurofins CPT in Hamburg
- 91.) Asolina Braun:** Postdoc at the Institute of Microbiology and Immunology, University of Melbourne, Australia
- 92.) Christina Brumshagen:** Pulmonary Medicine, MHH
- 93.) Anna Buch:** Postdoc at Institute of Virology, MHH
- 94.) Marcin Cebula:** Model Systems for Infections, MHH
- 95.) Johanna Eberhard:** Clinic of Immunology, MHH
- 96.) Harro Frauendorf:**
- 97.) Ildar Gabaev:** Virology, MHH
- 98.) Elena Grabski:**
- 99.) Darya Haas/née Stsepanenka:** Innate Immunity Laboratory at MPI of Biochemistry, Martinsried
- 100.) Jan Haas:** Morphosys, Martinsried

101.) Stephan Halle: Postdoc at Inst. of Immunology, MHH

102.) Antje Ksienzyk: deputy department leader of quality control, Fraunhofer Institute IZI, Leipzig

103.) Henriette Adam/née Langhans: Labor Dr. Böse GmbH, Harsum (near Hildesheim)

104.) Anna Pelnickewich: Paediatric Pneumology, MHH

105.) Malte Sandbaumhüter: Virology, MHH

106.) Olga Schulz: Postdoc at Inst. of Immunology, MHH

107.) Christian Stern: Molecular Immunology, HZI; "science journalist" OneWorldOneLab.net

108.) Elisabeth Wende: Institut für Bioanalytische Chemie, Leipzig University

109.) Yuri Yakuschko: Virology, MHH

110.) Christina Tebartz (Ziegler): Infection Immunology, HZI; from February 2013 University of Melbourne in Sammy Bedoui's Group

year 2009 (final exams 2012, 2013)

111.) Andrea Bischof: Postdoc at Inst. of Virology, MHH

112.) Simon Danisch: Clinical Chemistry, MHH

113.) Baishakhi Datta: Darmstadt

114.) Deepika Devadas: Postdoc at Inst. of Virology, MHH

115.) Adarsh Dharan: Postdoc at Inst. of Virology, MHH

116.) Sarah Hinkelmann: from July 2013 Herescon GmbH, Hannover

117.) Yi-Ju Huang:

118.) Kathrin Hüging: Experimental Virology, Twincore

119.) Bahram Kasmapour Seighalani: PostDoc at the "Immune Aging and Chronic Infections" (IMCI) group, HZI Braunschweig

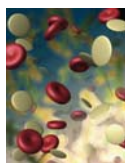
120.) Lucas Kemper

121.) Uliana Komor: Russia

122.) Natascha Kruse: HZI

123.) Cornelia Lindner: Postdoc at Inst. of Immunology, MHH

124.) Wiebke Opitz: Bayer HealthCare, Product Supply, Berlin, Biological Quality Control



PhD Program “Regenerative Sciences“

Year 2007 (final exams 2011, 2012, 2013)

- 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
- 12.) **Michaela Mai:**
- 13.) **Sabrina Schmeckeber:** Postdoc, HTTG, MHH
- 14.) **Angelica Roa Lara:** Post-doctoral Researcher, Institute of Pharmacology, University Medical Center Göttingen, Georg-August-Universität

Year 2008 (final exams 2011, 2012, 2013)

- 15.) **Tanmay Chakradeo:** Institute for Multiphase Processes, LUH
- 16.) **Benjamin Groß:** since July 2012 Postdoc at Oklahoma Research Foundation, Oklahoma City, USA
- 17.) **Nico Lachmann:** Postdoc in JRG Reprogramming, REBIRTH, MHH

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

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

20.) **Maya Sethi:** Since January 2013 Postdoc at the Institute of Immunology, Hannover Medical School

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

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

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

24.) **Zlata Vukadinovic-Nikolic, née Vukadinovic:** Medical Doctor, Friederikenstift Hannover

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

26.) **Julia Dahlmann:** Postdoc, LEBAO, MHH

27.) **Reto Eggenschwiler:** Postdoc, JRG Stem Cell Biology, Gastro-Hepa-Endo, MHH

28.) **Monica Jara Avaca:**

Year 2009 (final exams 2012, 2013)

29.) **Maryam Akhoondi:**

30.) **Christiane Gras:** Postdoc, Transfusionsmedizin, MHH

31.) **Anne Christel:**

32.) **Reinhard Hämmerle:**

33.) **Dag Heinemann:** Post Doc, Laser Zentrum Hannover e. V. (Biomedical Optics Department)

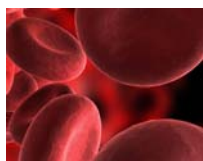
34.) **Chun-Wei Lee:** Postdoc, Clinic of Haematology, Haemostostology, Oncology, MHH

35.) **Daniel Maeda:**

36.) **Martin Pacher:** Postdoc, Twincore, MHH

37.) **Laura Schlausa:**





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

year 2006 (final exams 2010/2011/2012)

- 1.) **Sabine Stegemann-Koniszewski:** Group Immune regulation, HZI, London School of Hygiene, UK
- 2.) **Sabrina Voedisch:** Neurology Dpt., Freiburg
- 3.) **Sebastian König:** Abbott Laboratories
- 4.) **Andreas Jeron:** Group Immune regulation, HZI
- 5.) **Mathias Müsken:** Institute for Molecular Bacteriology, TWINCORE
- 6.) **Kerstin Stegmann:** London School of Hygiene, UK
- 7.) **Claudia Dürr:** McGill University, Montreal, Canada
- 8.) **Katrin Janik:** Land- und Forstwirtschaftliches Versuchszentrum Laimburg, Bozen, Bereich "Funktionelle Genomik"
- 9.) **Peggy Riese:** Vaccine Research, HZI
- 10.) **Sarah Horst:** Infection Immunology, HZI
- 11.) **Nina Coombs:** Medical Microbiology and Hospital Epidemiology, MHH
- 12.) **Dorothea Bankwitz:** Experimental Virology, TwinCore
- 13.) **Lynn Kennemann:** Medical Microbiology and Hospital Epidemiology, MHH; from autumn 2012 babypause
- 14.) **Susan Sanntag:** Virology, MHH

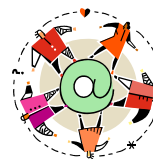
year 2009 (final exams 2013)

- 15.) **Miriam Kiene:**
- 16.) **Luisa Denkel:** Trainee in Epidemiology, Institute for Hygiene and Environmental Medicine, Charité Berlin
- 17.) **Syed Fazle Rouf, Ph.D.:** Karolinska-Institute, Stockholm AG Rhen
- 18.) **Chriselle Mendonca:**
- 19.) **Maxi Scheiter:** Cellular Proteomics, HZI
- 20.) **Anne Frentzen:** Experimental Virology, TwinCore

GRK 1441 "Allergic response in lung and skin"

year 2006 (final exams 2010/2011)

- 1.) **Saskia Knothe:** Project Management Therapeutic Cell Initiative Pharma Research and Early Development (pRED), Roche Diagnostics GmbH, Penzberg
- 2.) **Verena Kopfnagel (nee Schäfer):** Immunodermatology and Allergy Research, Dermatology, MHH
- 3.) **Carla Winkler:** Immunology and Allergology, ITEM; from 09/13 Senior Scientist at AstraZeneca Göteborg, Sweden
- 4.) **Jana Zeitvogel:** Dermatology, MHH
- 5.) **Carolin Pilzner:** Infection Genetics, HZI Braunschweig
- 6.) **Ann-Kathrin Berendt:** Experimental Surgery, University Hospital of Rostock
- 7.) **Jenny Seltmann:** Canada
- 8.) **Susanne Hradezky:** Immunodermatology and Allergy Research, MHH



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