Tuberculosis in South and Central Africa

Understanding epidemiology - Improving diagnosis and management

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Chapter 13

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PhD Portfolio

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Courses
- Diploma in Tropical Medicine and Hygiene, London School of Hygiene and Tropical Medicine, London, UK, 2013
- MSc Infectious Diseases, Distance Learning Program, London School of Hygiene and Tropical Medicine, 2011-2013
- Good Clinical Practice: Refresher Course, Cape Town, South Africa, 2013
- FATE – Course on Focused Assessment Transthoracic Echography, Cape Town, South Africa, 2014
- Short Course on Abdominal Ultrasound in Infectious Diseases and Tropical Medicine, Pavia, Italy, 2014
- Good Clinical Practice: Refresher Course, Charité Berlin, Germany, 2015
- Higher education didactic course (Hochschuldidaktikkurs), Charité Berlin, Germany, 2015
- eLearning - Multimedia Production, Charité Berlin, Germany, 2015
- eLearning - Online Communication, Charité Berlin, Germany, 2015
- Mentee in the Mentoring Programm for Women Scientists, Charité Berlin, 2015/16
- Seminar on Status and Communication, Charité Berlin, Germany, 2015/2016
- Seminar on Leadership Training, Charité Berlin, Germany, 2016
- Antibiotic Steward Ship Fellow Course, Freiburg im Breisgau, Germany, 2017
- Good scientific practice vs. scientific misconduct, Charité Berlin, Germany, 2017
- Antibiotic Steward Ship Advanced Course, Köln, Germany, 2018
- Antibiotic Steward Ship Compact Course Charité, Berlin, Germany, 2018

Presentations
- Point-of-care ultrasound: improving the diagnosis of childhood tuberculosis. Kongress für Infektionskrankheiten und Tropenmedizin, Cologne, Germany, 2014 (poster)
- Sonography in children with suspected tuberculosis: “FASH for children” Screening, Diagnostic approach & Follow-up. Jahrestagung der Arbeitsgemeinschaft Tropenpädiatrie, Mainz, Germany, 2015 (oral presentation)
- Tuberculosis treatment outcome and drug resistance in Lambaréné, Gabon – a prospective cohort study. European Congress on Tropical Medicine and International Health, Antwerp, Belgium, 2017 (oral presentation)
Conferences

- World Congress of the World Society for Pediatric Infectious Diseases, Cape Town, South Africa, 2013
- International Congress on Infectious Diseases, Cape Town, South Africa, 2014
- Kongress für Infektionskrankheiten und Tropenmedizin, Cologne, Germany, 2014
- Jahrestagung der Arbeitsgemeinschaft Tropenpädiatrie, Mainz, Germany, 2015
- Congress of Clinical Microbiology and Infectious Diseases, Copenhagen, Denmark, 2015
- Jahrestagung Deutsche Gesellschaft für Tropenmedizin und Internationale Gesundheit, Bonn, Germany, 2016
- European Congress on Tropical Medicine and International Health, Antwerp, Belgium, 2017
- Kongress für Infektionskrankheiten und Tropenmedizin, Cologne, Germany, 2018

Coordinator, Lecturer, Supervisor

- Instructor for point-of-care ultrasound for the NGO “Imaging The World”, Uganda, 2014
- Instructor for Ultrasound for “Doctors of the World”, Cambodia, 2014
- Instructor for point-of-care ultrasound at Red Cross Children’s Hospital, Cape Town, South Africa, 2014
- Supervisor for AMC students 2013/2014 (2 students)
- Supervisor for student medical thesis 2014-2018 (4 students; from Berlin, Tübingen, Dresden, and Maiz, Germany)
- Regular lecturer for medical students Charité, Berlin, (undergraduate; topic: paediatric infectious diseases), 2015 - ongoing
- Telemedicine expert for tuberculosis point-of-care ultrasound for Médecins Sans Frontières, 2018 - ongoing

Other

- Weekly Journal Club meetings by Pediatric Pneumology and Immunology, Charité, Berlin
- Monthly meetings by Clinician Scientist Program Charite and Berlin Institute of Health
- Regular manuscript reviews for various journals (The Lancet Infectious Diseases; BMC Medicine; Infection; The Pediatric Infectious Disease Journal; Plos One; BMJ Case Reports; Tropical Medicine and International Health; African Journal of
Pharmacy and Pharmacology; Wiener Klinische Wochenschrift; Open Tropical Medicine

- Editorial Board Member of the journal Infection
- Board member of the German Society for Tropical Medicine and International Health (Deutsche Gesellschaft für Tropenmedizin und Internationale Gesundheit (DTG) e.V.)
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- Marie Curie People Grant, Amsterdam, 2013 (Funding organization: EU FP7 Program; period the funding covered: April 2013 to March 2014; salary for a PhD position)
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- Travel Grant for conference attendance, KIT – Kongress für Infektionskrankheiten und Tropenmedizin, Cologne, 2014 (Funding organization: conference societies; covered travel, accommodation and attendance costs)
- Mentee Grant for the Mentoring Program for Women Researcher, Berlin, 2015 (Funding organization: Charité University Hospital; covered attendance of workshops to promote careers of female scientist)
- Prize for best oral presentation, ATP (Arbeitsgemeinschaft Tropenpädiatrie) annual meeting, Mainz, 2015
- Mobility Grant by the Berlin Institute of Health Biomedical Innovation Academy, Berlin, 2017 (Funding organization: Berlin Institute of Health and Stiftung Charité; covered travel, accommodation and attendance costs for participation in the European Congress on Tropical Medicine and International Health, Antwerp, Belgium, 2017)
- Lydia-Rabinowitsch-Grant, Berlin 2017 (Funding organization: Charité University Hospital Berlin, period of funding April 2017 to December 2017; funding for household help and child care)
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Publications included in this thesis

Belard, S; Heuvelings, CC; Banderker, E; Bateman, L; Heller, T; Andronikou, S; Workman, L; Grobusch, MP; Zar, HJ. Utility of Point-of-care Ultrasound in Children With Pulmonary Tuberculosis. Pediatr Infect Dis J. 2018;37(7):637-42.


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Belard, S; Isaacs, W; Black, F; Bateman, L; Madolo, L; Munro, J; Workman, L; Grobusch, MP; Zar, HJ. Treatment of childhood tuberculosis: caregivers’ practices and perceptions in Cape Town, South Africa. Paediatr Int Child Health. 2015;35(1):24-8.


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Heuvelings, C; Greve, P; de Vries, S; Visser, B; Bélard, S; Janssen, S; Cremers, A; Spijker, R; Shaw, B; Hill, R; Zumla, A; Sandgren, A; van der Werf, M; Grobusch, MP.


Lalremruata, A; Jeyaraj, S; Engleitner, T; Joanny, F; Lang, A; Belard, S; Mombo-Ngoma, G; Ramharter, M; Kremsner, PG; Mordmuller, B; Held, J. Species and genotype diversity of Plasmodium in malaria patients from Gabon analysed by next generation sequencing. Malar J. 2017;16(1):398.


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Kurth, F; Lingscheid, T; Steiner, F; Stegemann, MS; Belard, S; Menner, N; Pongratz, P; Kim, J; von Bernuth, H; Mayer, B; Damm, G; Seehofer, D; Salama, A; Suttorp, N; Zoller, T. Hemolysis after Oral Artemisinin Combination Therapy for Uncomplicated Plasmodium falciparum Malaria. Emerg Infect Dis. 2016;22(8):1381-6.

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Ramharter, M; Kurth, FM; Belard, S; Bouyou-Akotet, MK; Mamfoumbi, MM; Agnandji, ST; Missinou, MA; Adegnika, AA; Issifou, S; Cambon, N; Heidecker, JL; Kombila, M; Kremsner, PG. Pharmacokinetics of two paediatric artesunate mefloquine drug
Chapter 13

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Jacinta, Lucia and Nana-Akua. Special thanks also to Lotje for sharing the interest in point-of-care ultrasound and for your reliable, cheerful and fruitful collaboration.

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WORK EXPERIENCE

01/2015 – ongoing  Fellow in the Clinician Scientist Program by Stiftung Charité and Berlin Institute of Health
05/2014 – ongoing  5th year resident in Pediatrics, Pediatric Pneumology and Immunology, Charité - Universitätsmedizin, Berlin, Germany
04/2013 –04/2014  PhD candidate and research fellow at the Department of Infectious Diseases, Division of Internal Medicine, Center of Tropical Medicine and Travel Medicine, Academic Medical Center, University of Amsterdam and the Centre for Adolescent and Child Health (REACH), Red Cross War Memorial Children’s Hospital and Institute of Infectious Disease and Molecular Medicine (IDM) at the University of Cape Town, South Africa
01/2012 – 12/2012  Research fellow at the University of Tübingen, Germany, based at the 12/2007 – 12/2008 Medical Research Unit in Lambaréné, Gabon, Central Africa
01/2009 -12/2011  Resident in Pediatrics at Department of Pediatric and Adolescent Medicine of the University Hospital of Freiburg, Germany

EDUCATION

08/2013  MSc Infectious Diseases (with Distinction), London School of Hygiene and Tropical Medicine, University of London, UK
03/2013  Diploma of Tropical Medicine and Hygiene (DTM&H), London School of Hygiene and Tropical Medicine, University of London, UK
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