

# Program

## Conference on Tropical Medicine and Global Health

**April 4 - 6, 2019**

**University of Munich**

### **Jahrestagung der**

Deutschen Gesellschaft für Tropenmedizin und  
Internationale Gesundheit (DTG)



Österreichischen Gesellschaft für Tropenmedizin, Parasitologie  
und Migrationsmedizin (ÖGTPM)



**Including Special Track Symposium  
„Humanitarian Aid and Development Cooperation“**



Tuberculosis is an ancient disease. It's time to modernize our approach.

**#TBIInnovation**

## Table of Content

Welcome/Grußwort	4
Conference Chair / Scientific Committee	6
Hosting Societies / Participating Societies	6
Scientific Program at a Glance	8
<b>Scientific Program</b>	<b>10</b>
<b>Thursday, April 4, 2019</b>	<b>10</b>
<b>Friday, April 5, 2019</b>	<b>15</b>
<b>Saturday, April 6, 2019</b>	<b>26</b>
Postersession / Awards and Grants	31
Poster	32
Speakers, Chairs and Authors	43
Body Map Exhibition	54
General Information	56
Registration	57
Sponsors	59
Exhibitors	60
Travel Information	62
Floor Plan	63
Imprint	58

## Welcome

Dear Colleagues,

a warm welcome to the **Conference on Tropical Medicine and Global Health** in Munich! This year the interdisciplinary conference has a new format and will run once more as a joint annual meeting between the German Society for Tropical Medicine and International Health (Deutsche Gesellschaft für Tropenmedizin und Internationale Gesundheit, DTG) and the Austrian Society for Tropical Medicine, Parasitology and Migration Medicine (Österreichische Gesellschaft für Tropenmedizin, Parasitologie und Migrationsmedizin, ÖGTGM). We are also honoured to have the following societies taking part

- The Society for Dermatology in the Tropics e.V.
- The Committee for Women's Health Issues in Development Cooperation (AG FIDE)
- The Society for Paediatrics in the Tropics (GTP)
- The German Society for Surgery in the Tropics (DTC)
- The German Center for Infection Research (DZIF)

Another new feature is that the **Symposium for Humanitarian Aid and Development Cooperation** will be held as a parallel track on April 5th.

For the first time, this conference will officially be held in English as well as German, to enable wider international participation. In addition, for the first time we are featuring a partner country, Tanzania, which will be at the focus of our attention. We are very much looking forward to welcoming colleagues from Tanzania and other parts of the tropical world.

Sustainable solutions to Global Health challenges require novel and ever more comprehensive and multidisciplinary approaches. We therefore aim to bring together different fields of expertise as well as numerous stakeholders in order to broaden perspectives, facilitate interdisciplinary exchange and promote innovation.

Parallel tracks at this conference will address important issues in clinical care of travelers and migrants, novel diagnostics, highlights in basic research and testing of new clinical interventions, as well as their efficient use in improving health care in developing countries. Under the track „**Partner Country Tanzania**“ we recognize that solutions can only be found in cooperation with partners in the developing world and highlight the importance of research driven by our partners. We will also invite presentations of successful examples of research and development cooperation.

Finally, it is a great honour for us that the Bavarian Government Executive (Bayerische Staatskanzlei) will host an official reception for the congress participants in the classical building of the Munich Residenz. An event you should not miss!

We hope you'll enjoy the conference!

**Prof. Dr. Michael Hoelscher**  
Conference Chair

**Dr. Camilla Rothe**  
Chair Scientific Committee

**Prof. Dr. Herwig Kollaritsch**  
Chairman ÖGTGM

**Dr. Dr. Carsten Köhler**  
Chairman DTG

## Grusswort

Sehr geehrte Kolleginnen und Kollegen,

herzlich willkommen auf der **Konferenz für Tropenmedizin und Globale Gesundheit** in München! Dieser interdisziplinäre Kongress hat dieses Jahr ein neues Format: die Jahrestagungen der Deutschen Gesellschaft für Tropenmedizin und Internationale Gesundheit (DTG) und der Österreichischen Gesellschaft für Tropenmedizin, Parasitologie und Migrationsmedizin (ÖGTGM) werden zusammen in einem internationalen Rahmen abgehalten. Wir sind zudem hochofrend, die folgenden Mitveranstalter dabeizuhaben:

- Verein zur Förderung der Dermatologie in den Tropen e.V.
- AG Frauengesundheit in der Entwicklungszusammenarbeit (FIDE) e.V.
- Gesellschaft für Tropenpädiatrie und internationale Kindergesundheit (GTP) e.V.
- Deutsche Gesellschaft für Tropenchirurgie (DTC) e.V.
- Deutsche Zentrum für Infektionsforschung (DZIF)

Eine weitere Neuerung ist die Integration des „**Humanitarian Aid and Development Cooperation**“, welches jedes Jahr in München stattfindet und am Freitag, 5. April 2019 als Paralleltrack abgehalten wird und für alle Konferenzteilnehmer offensteht.

Zum ersten Mal wird diese Konferenz in Englisch und Deutsch abgehalten, um so eine breitere internationale Teilnahme zu ermöglichen, die dem Geist unseres Fachgebietes gerecht wird. Zudem haben wir zum ersten Mal ein Partnerland, Tansania, welches auf unserer Konferenz einen Schwerpunkt bilden wird. Wir freuen uns sehr, Kollegen aus unserem Partnerland Tansania, und auch aus anderen Teilen der Welt in München willkommen zu heißen!

Komplexe Herausforderungen im Bereich der Globalen Gesundheit erfordern neuartige und zunehmend umfassende, multidisziplinäre strategische Konzepte. Wir möchten daher Experten und politische Akteure aus unterschiedlichen Gebieten zusammenbringen um einen interdisziplinären Gedankenaustausch zu ermöglichen, Horizonte zu erweitern und Innovation zu fördern.

Die Themengebiete auf dieser Konferenz werden sich mit Besonderheiten bei der klinischen Versorgung von Reisenden und Migranten befassen, mit neuartigen Diagnostika, Highlights aus Grundlagenforschung und klinischen Interventionsstudien, sowie mit dem effizienten Nutzen von aktuellen Forschungsergebnissen für die Verbesserung der Gesundheitsversorgung in Entwicklungsländern.

Im Themengebiet „**Partnerland Tansania**“ stellen wir heraus, daß Lösungen für Problemstellungen in Gesundheitssystemen nur partnerschaftlich in Kooperation und auf Augenhöhe zwischen Partnern aus Niedrig-, Mittel- und Hocheinkommensländern gefunden werden können; wir betonen die Bedeutung von Forschung die von unseren Partnern initiiert wird. Wir stellen auch Forschungsarbeiten vor, die ein erfolgreiches Beispiel von Forschungsaktivitäten im Rahmen von Entwicklungszusammenarbeit sind.

Zu guter Letzt ist es für uns eine große Ehre dass die Bayerische Staatskanzlei unsere Kongress- teilnehmerinnen und Kongressteilnehmer am Donnerstag, 4. April 2019, zum Staatsempfang in die historischen Räumlichkeiten der Münchner Residenz einladen wird. Eine Veranstaltung, die Sie auf keinen Fall verpassen sollten!

Wir wünschen Ihnen viel Freude bei einer spannenden Konferenz mit viel Gelegenheit zum interdisziplinären und internationalen Austausch!



## Conference Chair & Committees & Societies

### Conference Chair

Professor Dr. med. Michael Hoelscher, Klinikum der LMU München, Abteilung für Infektions- und Tropenmedizin

### Chair Scientific Committee

Dr. med. Camilla Rothe, Klinikum der LMU München, Abteilung für Infektions- und Tropenmedizin

### Scientific Committee

Bélard, Sabine	Mothes, Henning
Prazeres da Costa, Clarissa	Müller, Susanne
Duscher, Georg	Rothe, Camilla
Fleischer, Bernhard	Rehfuess, Eva
Fröschl, Günter	Reinel, Dieter
Haditsch, Martin	Schimana, Werner
Hoelscher, Michael	Schneitler, Sophie
Köhler, Carsten	Wacker, Jürgen
Kollaritsch, Herwig	Weigel, Ralf
May, Jürgen	

### Hosting Societies

Deutsche Gesellschaft für Tropenmedizin und Internationale Gesundheit e.V.  
[www.dtg.org](http://www.dtg.org)

Österreichische Gesellschaft für Tropenmedizin, Parasitologie und Migrationsmedizin (ÖGTPM)  
[www.oegtpm.at](http://www.oegtpm.at)

### Participating Societies

Society for Dermatology in the Tropics e.V.  
[www.tropendermatologie.de](http://www.tropendermatologie.de)

Frauengesundheit in der Entwicklungszusammenarbeit  
FIDE AG e.V., [www.ag-fide.de](http://www.ag-fide.de)

Gesellschaft für Tropenpädiatrie und Internationale Kindergesundheits e.V.  
[www.tropenpaediatrie.de](http://www.tropenpaediatrie.de)

DZIF – Deutsches Zentrum für Infektionsforschung  
[www.dzif.de](http://www.dzif.de)

Deutsche Gesellschaft für Tropenchirurgie e.V. (DTC)  
[www.tropenchirurgie.org](http://www.tropenchirurgie.org)



## SYMPOSIUM HUMANITARIAN AID AND DEVELOPMENT COOPERATION APRIL 5, 2019, MUNICH

Special Track of the  
Conference on Tropical Medicine and Global Health

Scientific Chair: Günter Fröschl  
Division of Infectious Diseases and Tropical Medicine, Munich  
CIH<sup>LMU</sup> Center for International Health  
[www.cih.lmu.de](http://www.cih.lmu.de)  
[www.dtg-jahrestagung2019.de](http://www.dtg-jahrestagung2019.de)



CTM 2019  
Munich, April 4 - 6, 2019

## Scientific Program at a Glance

Thursday, April 4, 2019

	Plenary Hall	Room B101	Room B139	Room B138
11.00-13.00	CIH Pre-Meeting / 10 Years CIH (Room C112)			p. 10
13.00-13.45	Lunch Break			
13.45-14.00	Congress Opening			p. 10
14.00-15.00	PL1 Plenary „Tanzania – Europe“			p. 10
15.00-15.30	Coffee Break			
15.30-17.00	<b>S1:</b> Novel Diagnostics/ Digital Health p. 10	<b>S2:</b> Partner Country Tanzania p. 11	<b>S3:</b> One Health/ Emerging Infections p. 12	<b>S4:</b> Global Health 1 p. 13
from 18.30	Get-together at the Munich Residence			

Friday, April 5, 2019

	Plenary Hall	Room B101	Room B139	Room B138
08.00-08.45		<b>S5:</b> Meet the DTM & H Course Director p. 15	<b>S6:</b> Klinisches Quiz p. 15	Symposium Humanitarian Aid and Development Cooperation p. 15
09.00-10.00	PL2 Plenary: Poverty & Health			p. 15
10.00-10.30	Coffee Break / Presentation Body Map Exhibition p. 54			
10.30-12.00	<b>S7:</b> Tuberculosis & Antimicrobial Resistance p. 16	<b>S8:</b> Preventive Medicine & Occupational Health p. 17	<b>FG1:</b> Tropen-gynäkologie p. 18	Symposium Humanitarian Aid and Development Cooperation p. 18
12.00-13.30	Lunch Break	<b>WS I:</b> Pictorial Seminar-Ultrasound in Tropical Diseases (Room C112) p. 19	Lunch-Symposium Merck p. 18	<b>WS II:</b> Feldlabor in der Tropenmedizin (Room C111) p. 19
13.30-15.00	<b>S9:</b> Blood-borne Infections: HIV & Hepatitis p. 20	<b>S10:</b> Climate Change and Health/ Environmental Health p. 20	<b>FG2:</b> Tropen-pädiatrie p. 21	Symposium Humanitarian Aid and Development Cooperation p. 22
15.00-16.00	Coffee Break and Poster Viewing p. 31			
16.00-17.30	<b>S11:</b> Malaria and other Vector-borne Diseases p. 22	<b>S12:</b> Non-communicable Diseases & Health System p. 23	<b>FG3:</b> Tropen-dermatologie p. 24	Symposium Humanitarian Aid and Development Cooperation p. 24
17.30-17.45	Coffee Break			
17.45-18.15	Verleihung des DTG Preises			p. 25
18.15-19.15	DTG-Mitgliederversammlung			p. 25
From 19.30	Bavarian Evening at „Der Pschorr“			

## Scientific Program at a Glance

Saturday, April 6, 2019

	Plenary Hall	Room B101	Room B139	Room B138
09.00-10.30	<b>S13:</b> Neglected Tropical Diseases p. 26	<b>FG4:</b> Junge DTG/ Junge Parasitologen p. 27	<b>FG5:</b> Tropen-chirurgie p. 28	<b>S14:</b> Global Health 2 p. 29
10.30-11.00	Coffee Break / Presentation Body Map Exhibition			p. 54
11.00-12.00	PL3 Plenary: Vaccines/Novel Diagnostics			p. 30
12.00-12.45	PL4 Plenary: 2 Jahre in der Tropenmedizin			p. 30
12.45-13.00	Closing p. 30			
13.00-13.15	Lunch Break			
13.15-15.15			Tropenmedizin Update (Room B139) p. 30	
15.15-15.30	Coffee Break			
15.30-17.00			Reisemedizin Update (Room B139) p. 30	

## Scientific Program – Thursday, April 4, 2019

11.00 – 13.00  
Room C112

### CHI Pre Meeting – 10 Years CIH

The Center for International Health CIH<sup>LMU</sup> is happy to invite you to the celebration of our 10th anniversary as a project within the Exceed network. We would gladly welcome you to look back with us on the highlights, best practices, and challenges that accompanied us on the 10 year journey to our main vision: “empower health professionals” worldwide. Aside from insides into our teaching programs and research projects, we look forward to invite you to join us in the discussion of key features in capacity building and humanitarian aid and offer you the possibility to connect and exchange views with our partners from around the globe.

13.00 – 13.45 Lunch Break

13.45 – 14.00 Congress Opening

### 14.00 – 15.00 Plenary 1: „Tanzania – Europe“

Plenary Hall

Chairs: M. Hoelscher, Munich  
Y. Mgaya, Dar es Salaam (Tanzania)

### 14.00 – 14.30 Health in Tanzania – The past 30 years

T-1

*E. Schmutzhard, Innsbruck (Austria)*

### 14.30 – 14.45 Tanzanian Perspective

T-2

*N. Ntinginya, Mbeya (Tanzania)*

### 14.45 – 15.00 German Perspective

T-3

*M. Hoelscher, Munich*

15.00 – 15.30 Coffee Break

### 15.30 – 17.00 S1: Novel Diagnostics/Digital Health

Plenary Hall

Chairs: A. Wieser, Munich  
A. Kreidenweiss, Tübingen

### 15.30 – 15.55 Using technology to improve adherence for the chronically ill in low income countries: self check-in platform FASTA in Tanzania

T-4

*T. Finkbeiner, Berlin*

### 15.55 – 16.20 Label-free cell diagnostics with digital imaging

T-5

*O. Hayden, Munich*

## Scientific Program – Thursday, April 4, 2019

16.20 – 16.27  
S1-1

### Application of matrix-assisted laser desorption/ionization time-of-flight (MALDI-TOF) mass spectrometry in diagnostic helminthology: a proof-of-concept study

*M. Feucherolles<sup>1</sup>, S. Poppert<sup>2</sup>, Y. Endriss<sup>2</sup>, C. Hermosilla<sup>3</sup>, B. Lundström-Stadelmann<sup>4</sup>, J. Utzinger<sup>2</sup>, S. L. Becker<sup>1,2</sup>, <sup>1</sup>Homburg, <sup>2</sup>Basel (Switzerland), <sup>3</sup>Giessen, <sup>4</sup>Bern (Switzerland)*

16.28 – 16.35  
S1-2

### RLEP LAMP for the diagnosis of leprosy

*M. Saar, M. Beissner, G. Bretzel, Munich*

16.36 – 16.43  
S1-3

### The digitalization of health networks in sub-Saharan Africa: report of CYSTINET-Africa, a multidisciplinary research consortium for Taenia solium taeniosis/cysticercosis

*J. Knobloch<sup>1</sup>, V. Schmidt<sup>1,2</sup>, B. Ngowi<sup>3</sup>, C. Sikasunge<sup>4</sup>, C. Prazeres da Costa<sup>1</sup>, H. Ngowi<sup>5</sup>, B. Brügge<sup>1</sup>, A. S. Winkler<sup>1,2</sup>, <sup>1</sup>Munich, <sup>2</sup>Oslo (Norway), <sup>3</sup>Dar es Salaam (Tanzania), <sup>4</sup>Lusaka (Zambia), <sup>5</sup>Morogoro (Tanzania)*

16.44 – 16.51  
S1-4

### Mobile instant messaging (WhatsApp®) for pharmacovigilance of pellagra during Isoniazid preventive therapy (IPT) implementation

*C. Wallrauch<sup>1,2</sup>, T. Heller<sup>2</sup>, A. Jahn<sup>2,3</sup>, P. Ganesh<sup>2,3</sup>, T. Kalua<sup>2</sup>, R. Nyirenda<sup>2</sup>, Y. Babaye<sup>3</sup>, S. Phiri<sup>2,3,4</sup>, <sup>1</sup>Munich, <sup>2</sup>Lilongwe (Malawi), <sup>3</sup>Seattle (United States), <sup>4</sup>Chapel Hill (United States)*

15.30 – 17.00  
Room B101

### S2: Partner Country Tanzania

Chairs: A. Stich, Würzburg  
H. Ngowi, Morogoro (Tanzania)

15.30 – 15.55  
T-6

### Emerging pandemic threats and the One Health approach

*J. Kilewo, Dar es Salaam (Tanzania)*

15.55 – 16.20  
T-7

### The challenges of schistosomiasis control in the Lake Region of Tanzania

*H. Mazigo, Mwanza (Tanzania)*

## Scientific Program – Thursday, April 4, 2019

- 16.20 – 16.27  
S2-1**      **Screening of 1003 whole blood samples from febrile patients in Mbeya, Tanzania for the presence of Relapsing Fever Borrelia using real-time PCR**  
*C. Luetke-Daltrup<sup>1</sup>, V. Fingerle<sup>2</sup>, A.-C. Neumann<sup>1</sup>, N. E. Ntinginya<sup>3</sup>, C. Manyama<sup>3</sup>, L. Sudi<sup>3</sup>, G. Margos<sup>2</sup>, G. Dobler<sup>1</sup>, M. Hoelscher<sup>1</sup>, N. Heinrich<sup>1</sup>, A. Wieser<sup>1</sup>, <sup>1</sup>Munich, <sup>2</sup>Oberschleissheim, <sup>3</sup>Mbeya (Tanzania)*
- 16.28 – 16.35  
S2-2**      **Prevalence of (pre)-cancerous cervical lesions and cervical cancer - awareness in Kilimanjaro Region, Tanzania**  
*A. Henke, F. Serventi, J. Alloyce, E. Ndosi, D. Mrema, P. Ngwamkai, B. Mchome, O. Henke, Moshi (Tanzania)*
- 16.36 – 16.43  
S2-3**      **The quality and the composition of Albendazole, Mebendazole and Praziquantel available in Northern Tanzania**  
*M. Seitzer<sup>1</sup>, S. Klapper<sup>1</sup>, F. Chibunda<sup>2</sup>, H. Mazigo<sup>2</sup>, U. Holzgrave<sup>1</sup>, A. Müller<sup>1</sup>, <sup>1</sup>Würzburg, <sup>2</sup>Mwanza (Tanzania)*
- 16.44 – 16.51  
S2-4**      **Free access to digital health information in Iringa, Tanzania: Development, provision and testing the effect of digital health messages to rural communities**  
*C. Holst<sup>1</sup>, F. Sukums<sup>2</sup>, H. Ngowi<sup>3</sup>, D. Radovanovic<sup>4</sup>, E. Mwakapeje<sup>1</sup>, I. Mdala<sup>1</sup>, A. A. Madar<sup>1</sup>, M. Isabwe<sup>5</sup>, J. Noll<sup>1</sup>, A. S. Winkler<sup>1,6</sup>, B. Ngowi<sup>2</sup>, <sup>1</sup>Oslo (Norway), <sup>2</sup>Dar es Salaam (Tanzania), <sup>3</sup>Morogoro, (Tanzania), <sup>4</sup>Kjeller (Norway), <sup>5</sup>Grimstad, (Norway), <sup>6</sup>Munich*

**15.30 – 17.00  
Room B139**      **S3: One Health/Emerging Infections**  
Chairs: M. Addo, Hamburg  
S. Becker, Marburg

**15.30 – 15.55  
T-8**      **Lassa-Fieber in Afrika – Update und neue Erkenntnisse**  
*S. Günther, Hamburg*

**15.55 – 16.20  
T-9**      **Bornaviren als tödliche Zoonoseerreger**  
*M. Beer, Greifswald*

## Scientific Program – Thursday, April 4, 2019

- 16.20 – 16.27  
S3-1**      **Transmission networks of Cryptosporidium spp. in rural sub-Saharan Africa: a multi-country study**  
*D. Eibach<sup>1</sup>, R. Krumkamp<sup>1,2</sup>, S. Caccio<sup>3</sup>, A. Adegnik<sup>4</sup>, J. Amuasi<sup>5</sup>, J. Lusingu<sup>6</sup>, R. Rakotozandrainy<sup>7</sup>, J. May<sup>1,2</sup>, <sup>1</sup>Hamburg, <sup>2</sup>Partner site Hamburg-Borstel-Lübeck, <sup>3</sup>Rome (Italy), <sup>4</sup>Lambaréné (Gabon), <sup>5</sup>Kumasi (Ghana), <sup>6</sup>Korogwe, (Tanzania), <sup>7</sup>Antananarivo (Madagascar)*
- 16.28 – 16.35  
S3-2**      **Cross-reactive Antibody Responses Induced by Zika Virus in the Absence of Detectable Neutralizing Activity Enhances Dengue Virus Infection in Rhesus Macaques**  
*W. Valiant<sup>1</sup>, J. George<sup>1</sup>, M. Mattapallil<sup>1</sup>, Y.-J. Huang<sup>2</sup>, D. Vanlandingham<sup>2</sup>, D. Verthelyi<sup>3</sup>, S. Higgs<sup>2</sup>, M. Lewis<sup>4</sup>, J. Mattapallil<sup>1</sup>, <sup>1</sup>Bethesda (United States), <sup>2</sup>Manhattan (United States), <sup>3</sup>Silver Spring (United States), <sup>4</sup>Rockville (United States)*
- 16.36 – 16.43  
S3-3**      **First reported case of fetal microcephaly associated with Zika virus infection in a German traveler returning from Thailand**  
*A. Osterman, R. Egensperger, F. Weiss, J. Zimmermann, F. Wehweck, S. Böhm, O. T. Keppler, S. Hutter, R. Kästner, J. Eberle, Munich*
- 16.44 – 16.51  
S3-4**      **Rabies, dog-bites & critical care in Queen Elizabeth Central Hospital and south Malawi (2012-18).**  
*G. Pollach, D. Mabedi, S. Chikumbanje, D. Mayer, F. Namboya, Blantyre (Malawi)*

**15.30 – 17.00  
Room B138**      **S4: Global Health 1**  
Chairs: M. Pletschette, Munich  
T. Bärnighausen, Heidelberg

**15.30 – 15.55  
T-10**      **Von der gesunden Mutter zur gesunden Familie ...**  
*J. Wacker, Bruchsal*

**15.55 – 16.20  
T-11**      **Is Global Health a more useful idea than International Health?**  
*M. Havemann, Marburg*



## Scientific Program – Thursday, April 4, 2019

- 16.20 – 16.27**  
S4-1 **Global Health – A Concept Not Yet Fully Embraced By The New European Research And Innovation Framework**  
*A. Berner-Rodoreda<sup>1</sup>, E. Rehfuess<sup>2</sup>, F. Cobelens<sup>3</sup>, M. Raviglione<sup>4,5</sup>, N. Casamitjana<sup>6</sup>, G. Fröschl<sup>2</sup>, K. Klipstein-Grobusch<sup>7</sup>, H. Ashrafiyan<sup>8</sup>, A. Agardh<sup>9</sup>, A. Flahault<sup>5</sup>, L. Visser<sup>10</sup>, C. Schultz<sup>3</sup>, J. Skordis-Worral<sup>8</sup>, A. Plasència<sup>6</sup>, I. Abubakar<sup>8</sup>, R. Norton<sup>11</sup>, L. Hagander<sup>9</sup>, R. van Leeuwen<sup>3</sup>, T. Bärnighausen<sup>1</sup>, <sup>1</sup>Heidelberg, <sup>2</sup>München, <sup>3</sup>Amsterdam (Netherlands), <sup>4</sup>Milan (Italy), <sup>5</sup>Geneva (Switzerland), <sup>6</sup>Barcelona (Spain), <sup>7</sup>Utrecht (Netherlands), <sup>8</sup>London (United Kingdom), <sup>9</sup>Lund (Sweden), <sup>10</sup>Leiden (Netherlands), <sup>11</sup>Oxford (United Kingdom)*
- 16.28 – 16.35**  
S4-2 **A cross-sectional mixed-methods study of sexual and reproductive health needs, knowledge and access to services among refugee adolescent girls in the Nakivale refugee settlement, Uganda**  
*O. Ivanova<sup>1</sup>, M. Rai<sup>1</sup>, W. Mlahagwa<sup>2</sup>, J. Tumuhairwe<sup>2</sup>, A. Bakuli<sup>1</sup>, V. N. Nyakato<sup>2</sup>, E. Kemigisha<sup>2</sup>, <sup>1</sup>Munich, <sup>2</sup>Mbarara (Uganda)*
- 16.36 – 16.43**  
S4-3 **Teaching Global Health: Developing a transdisciplinary global health curriculum for Germany (Austria) and Switzerland**  
*J. M. Stratil, K. Geffert, T. Grath, E. Rehfuess, Munich*
- 16.44 - 16.51**  
S4-4 **The destructive power of creation - Growth and innovation as underlying principles leading to human mass dying and potential extinction**  
*N. G. Schwarz, Hamburg*

from 18.30 **Congress Opening: Get-together at the Munich Residence**



We are looking forward to spend an unforgettable evening with you at the reception of the Bavarian Government Executive in the classical building of the Munich Residence. Meet colleagues and friends whilst enjoying snacks and drinks and complete the first conference day in a unique atmosphere.

**Admission:** 18.30

**Begin:** 19.00

**Dresscode:** Business

Registration is absolutely essential.

During the reception photos will be taken and shared on the official conference website.

## Scientific Program – Friday, April 5, 2019

- 08.00 – 08.45**  
Room B101 **S5: Meet the DTM & H Course Director**  
Chairs: P. Sothmann, Munich  
C. Wallrauch, Munich
- 08.00 – 08.07**  
T-12 **East-African DTM & H (LSHTM)**  
*P. Gothard, London (UK)*
- 08.07 – 08.14**  
T-13 **DTM & H Liverpool School of Tropical Medicine (LSTM)**  
*T. Fletcher, Liverpool (UK)*
- 08.14 – 08.21**  
T-14 **DTM & P, Bernhard-Nocht-Institut**  
*G. Burchard, Hamburg; N. Schwarz, Hamburg*
- 08.21 – 08.28**  
T-15 **DTMIH, CIH München**  
*M. Manhart, Munich*
- 08.28 – 08.45**  
**Questions from the audience and discussion**
- 08.00 – 08.45**  
Room B139 **S6: Klinisches Quiz**  
Chairs: M. Haditsch, Leonding (Österreich)  
C. Rothe, München
- 08.00 – 08.45**  
Room B138 **Symposium: Humanitarian Aid and Development Cooperation**  
Chair: G. Fröschl, Munich
- T-16**  
**The right, the wrong and all the mess in between – A tentative systemic inquiry at the nexus of emergency response and development cooperation**  
*C. Janke, Munich*
- 09.00 – 10.00**  
Plenary Hall **Plenary 2: Poverty & Health**  
Chairs: E. Reisinger, Rostock  
T. Junghanss, Heidelberg
- 09.00 – 09.30**  
T-17 **Social Determinants of Health: A research perspective**  
*A. Reeves, London (UK)*
- 09.30 – 10.00**  
T-18 **Global Health in a new geopolitical context**  
*T. Bärnighausen, Heidelberg*



10.00 – 10.30	Coffee Break
10.10 – 10.25 Room B101	<b>Presentation of the Body Map Exhibition</b> <i>M. Navarro, Alicante (Spain), M. Pritsch, Munich</i> For further information please see p. 54.
10.30 – 12.00 Plenary Hall	<b>S7: Tuberculosis &amp; Antimicrobial Resistance</b> Chairs: M. Grobusch, Amsterdam (Netherlands) S. Bélard, Berlin
10.30 – 10.55 T-19	<b>The global spread of antimicrobial resistance: a perspective from the tropics</b> <i>F. Schaumburg, Münster</i>
10.55 – 11.20 T-20	<b>Tuberculosis diagnosis and treatment outcomes</b> <i>A. Rachow, Munich</i>
11.20 – 11.27 S7-1	<b>Novel point-of-care LAM assay for the detection of tuberculosis in people living with HIV with superior sensitivity</b> <i>T. Broger<sup>1</sup>, B. Sossen<sup>2</sup>, E. du Toit<sup>2</sup>, A. Kerkhoff<sup>3</sup>, M. Nicol<sup>2</sup>, C. Boehme<sup>1</sup>, G. Meintjes<sup>2</sup>, C. Denking<sup>1,4</sup>, <sup>1</sup>Geneva (Switzerland), <sup>2</sup>Cape Town (South Africa), <sup>3</sup>San Francisco (United States), <sup>4</sup>Heidelberg</i>
11.28 – 11.35 S7-2	<b>First-in-human clinical and non-clinical development of the antitubercular benzothiazinone BTZ-043</b> <i>F. Kloss<sup>1</sup>, J. Dreisbach<sup>2</sup>, N. Heinrich<sup>2</sup>, S. Konsten<sup>2</sup>, F. Meyer<sup>1</sup>, M. Hölscher<sup>2</sup>, <sup>1</sup>Jena, <sup>2</sup>Munich</i>
11.36 – 11.43 S7-3	<b>Urinary tract infections in outpatients at a referral hospital in Central Ethiopia: Microbiological surveillance of pathogens and antimicrobial resistance</b> <i>A. Fuchs<sup>1,2</sup>, C. Vinnemeier<sup>3</sup>, J. Früh<sup>1,2</sup>, L. Stötter<sup>1,2</sup>, T. B. Tufa<sup>1,2</sup>, S. Abdissa<sup>1</sup>, T. Rolling<sup>3</sup>, A. Kaasch<sup>2</sup>, K. Pfeffer<sup>2</sup>, D. Häussinger<sup>1,2</sup>, T. Feldt<sup>1,2</sup>, <sup>1</sup>Asella (Ethiopia), <sup>2</sup>Düsseldorf, <sup>3</sup>Hamburg</i>
11.44 – 11.51 S7-4	<b>Emergence of phylogenetically diverse and fluoroquinolone resistant Salmonella Enteritidis as a cause of invasive nontyphoidal Salmonella disease in Ghana</b> <i>C. Aldrich<sup>1,2</sup>, H. Hartman<sup>3</sup>, N. Feasey<sup>4,5</sup>, Y. Adu-Sarkodie<sup>6</sup>, F. Marks<sup>5,7</sup>, J. May<sup>2</sup>, T. Dallman<sup>3</sup>, D. Eibach<sup>2</sup>, <sup>1</sup>Munich, <sup>2</sup>Hamburg, <sup>3</sup>Colindale, London (United Kingdom), <sup>4</sup>Liverpool (United Kingdom), <sup>5</sup>Cambridge (United Kingdom), <sup>6</sup>Kumasi (Ghana), <sup>7</sup>Seoul (South Korea)</i>

10.30 – 12.00 Room B101	<b>S8: Preventive Medicine &amp; Occupational Health</b> Chairs: M. Solis-Soto, Rancuaga (Chile) J. Stratil, Munich
10.30 – 10.55 T-21	<b>Health effects of pesticide use on a global scale</b> <i>H. Kromhout, Utrecht (Netherlands)</i>
10.55 – 11.20 T-22	<b>A good start in life? Pregnancy and nutrition within a planetary health framework</b> <i>S. Gabrysch, Heidelberg</i>
11.20 – 11.27 S8-1	<b>Long-term immunogenicity after yellow fever vaccination in immunosuppressed and healthy individuals</b> <i>J. Burkhard<sup>1</sup>, C. Adrian<sup>1</sup>, C. Gabay<sup>2</sup>, P. Hasler<sup>3</sup>, R. Müller<sup>4</sup>, M. Niedrig<sup>5</sup>, P. Villiger<sup>6</sup>, L. Visser<sup>7</sup>, A. Visser<sup>7</sup>, U. Walker<sup>8</sup>, C. Hatz<sup>1,8</sup>, S. Bühler<sup>1,9</sup>, <sup>1</sup>Zurich (Switzerland), <sup>2</sup>Geneva (Switzerland), <sup>3</sup>Aarau (Switzerland), <sup>4</sup>St. Gallen (Switzerland), <sup>5</sup>Berlin, <sup>6</sup>Berne (Switzerland), <sup>7</sup>Leiden (Netherlands), <sup>8</sup>Basel (Switzerland), <sup>9</sup>Hamburg</i>
11.28 – 11.35 S8-2	<b>Implementing cost-effective multimodal interventions to improve hand hygiene compliance in Ayder Hospital, Ethiopia</b> <i>M. Naizgi<sup>1</sup>, F. Lemm<sup>2</sup>, S. Temizel<sup>3</sup>, A. Haillassie<sup>1</sup>, Z. Gessesse<sup>1</sup>, A. Potthoff<sup>2</sup>, A. Skaletz-Rorowski<sup>2</sup>, N. Brockmeyer<sup>2</sup>, <sup>1</sup>Mekelle (Ethiopia), <sup>2</sup>Bochum, <sup>3</sup>Augsburg</i>
11.36 – 11.43 S8-3	<b>The EFO Project: Supporting Rwanda's Ebola Preparedness by a Train-the-Trainer Approach</b> <i>J. Straub<sup>1</sup>, V. Schuster<sup>1</sup>, J. Ndoli Minega<sup>2</sup>, M. Gertler<sup>1</sup>, S. Gies<sup>3</sup>, J. Sasse<sup>1</sup>, F. Mockenhaupt<sup>1</sup>, A. Sendegeya<sup>2</sup>, J. Nyamusore<sup>4</sup>, L. Verbeek<sup>1</sup>, <sup>1</sup>Berlin, <sup>2</sup>Butare (Rwanda), <sup>3</sup>Würzburg, <sup>4</sup>Kigali (Rwanda)</i>
11.44 – 11.51 S8-4	<b>IPAMU – a Madagascar-Germany partnership project aiming to investigate Health Care Worker Infections during the 2017 Pneumonic Plague Outbreak</b> <i>T. Kratz<sup>1</sup>, A. Radonirina Lazasoa<sup>2</sup>, V. Razafimbia<sup>2</sup>, I. Markus<sup>1</sup>, L. Meurs<sup>1,3</sup>, D. Kolie<sup>4</sup>, M. Borchert<sup>1</sup>, M. Rajerison<sup>2</sup>, A. Rakotoarisoa<sup>2</sup>, M. Rakoto Andrianarivelo<sup>2</sup>, S. Dupke<sup>1</sup>, R. Grunow<sup>1</sup>, D. Malvy<sup>5</sup>, A. Delamou<sup>4</sup>, R. Fahafahantsoa Rapelerano<sup>2</sup>, <sup>1</sup>Berlin, <sup>2</sup>Antananarivo (Madagascar), <sup>3</sup>Solna (Sweden), <sup>4</sup>Conakry (Guinea), <sup>5</sup>Bordeaux (France)</i>

## Scientific Program – Friday, April 5, 2019

10.30 – 12.00  
Room B139  
**FG1: Tropengynäkologie**  
Chairs: J. Wacker, Bruchsal  
M. Stark, Berlin

10.30 – 11.00  
T-23  
**Maternal Mortality**  
C. Hoestermann, Unna

11.00 – 11.30  
T-24  
**Caesarean Section – Misgav Ladach**  
M. Stark, Berlin

11.30 – 12.00  
T-25  
**Postpartal Heamorrhage**  
J. Wacker, Bruchsal

Dieses Symposium wird ausgerichtet von der AG FIDE.

10.30 – 12.00  
Room B138  
**Symposium: Humanitarian Aid and Development Cooperation**  
Chair: G. Fröschl, Munich

10.30 – 11.15  
T-26  
**Sustainable kidney care in low income settings – experiences from Malawi and beyond**  
G. Dreyer, London

11.15 – 12.00  
T-27  
**Patient Care and Security for Aidworkers: What are the compromises in modern wars?**  
T. Stöbe, Berlin

12.00 – 13.30  
Lunch Break

12.30 – 13.15  
Room B139  
**Lunch-Symposium: Merck in Malaria Prevention**

12.30 – 12.45  
T-28  
**The Global Health Institute of Merck**  
J. Reinhard-Rupp, Genf

12.45 – 13.00  
T-29  
**M5717: a new antimalarial clinical drug candidate with potential to be developed for chemoprophylaxis and chemoprevention**  
C. Oeuvray, Genf

13.00 – 13.15  
T-30  
**Repellents – Irrglauben und Fakten**  
J. M. Swatschek, Darmstadt

The Symposium is organized by Merck.

## Scientific Program – Friday, April 5, 2019

12.00 – 13.30  
Room C112  
**Workshop I**  
**Pictorial Seminar – Ultrasound in Tropical Diseases**

12.00 – 12.30  
T-31  
**Focused ultrasound for HIV/TB - the FASH scan**  
T. Heller, Munich

12.30 – 13.00  
T-32  
**Focused ultrasound for other infectious and tropical conditions**  
S. Bélard, Berlin

13.00 – 13.30  
T-33  
**Case video quizzes in tropical ultrasound**  
S. Bélard, Berlin / T. Heller, Munich

Point-of-care ultrasound diagnostic is increasingly appreciated and applied in tropical and low-resource settings: diagnoses are established quicker and more accurately translating into timely and optimized patient management. Infectious diseases that are common in endemic settings will be presented with case studies including their sonographic spectra. The interactive format of the seminar gives the opportunity for discussion of ultrasound and cases with experts in sonography and tropical medicine.

The number of participants is limited, registration is required.

12.00 – 13.30  
Room C111  
**Workshop II**  
**Feldlabor in der Tropenmedizin: Medikamentenfälschungen auf der Spur**

Leitung: W. Wernhardt, Würzburg  
A. Fuß, Würzburg

Labormedizin ist in vielen Ländern noch Handarbeit und verlangt Know-how und Expertise. Erfahrene Mitarbeiter des Missions-ärztlichen Instituts Würzburg führen in Labormethoden ein und zeigen, unter anderem wie man unter einfachen Bedingungen in den Tropen auf Medikamentenfälschungen testen kann. Für Fragen stehen die Leiter des Workshops zur Verfügung.

Die Teilnehmerzahl ist begrenzt, eine Anmeldung ist unbedingt erforderlich.

## Scientific Program – Friday, April 5, 2019

13.30 – 15.00 Plenary Hall	<b>S9: Blood-borne Infections: HIV &amp; Hepatitis</b> Chairs: O. Keppler, Munich N.E. Ntinginya, Mbeya (Tanzania)
13.30 – 13.55 T-34	<b>Advances and challenges in the global control of Hepatitis B and C</b> M. Roggendorf, Munich
13.55 – 14.20 T-35	<b>Transmission, spread and control of HIV</b> J. Eberle, Munich
14.20 – 14.27 S9-1	<b>Tonsil Vaccination with MVA encoding SIV genes is Associated with Better Anamnestic Control of Acute Viremia after Low Dose Rectal Challenge with SIVmac251</b> J. George <sup>1</sup> , S. Maynard <sup>1</sup> , S. Bixler <sup>1</sup> , O. Onabajo <sup>1</sup> , D. Vargas-Inchaustegui <sup>1</sup> , R. Pal <sup>2</sup> , B. Lafont <sup>1</sup> , C. Labranche <sup>3</sup> , M. Robert-Guroff <sup>1</sup> , G. Tomaras <sup>3</sup> , D. Montefiori <sup>3</sup> , G. Sutter <sup>4</sup> , J. Mattapallil <sup>1</sup> , <sup>1</sup> Bethesda (United States), <sup>2</sup> Rockville (United States), <sup>3</sup> Durham (United States), <sup>4</sup> Munich
14.28 – 14.35 S9-2	<b>Novel concepts for early infant HIV test &amp; treat and infant HIV prevention strategies</b> A. Kroidl, O. Geisenberger, M. Hölscher, Munich
14.36 – 14.43 S9-3	<b>Approximation of the genotype distribution within global chronic hepatitis B virus infections</b> S. Velkov <sup>1</sup> , J. J. Ott <sup>2</sup> , U. Protzer <sup>1</sup> , T. Michler <sup>1</sup> , <sup>1</sup> München, <sup>2</sup> Braunschweig
14.44 – 14.51 S9-4	<b>Supporting HIV care for inpatients in a government referral hospital in Malawi: One year results from a systematic care program for advanced HIV Disease</b> T. Heller <sup>1</sup> , C. Wallrauch <sup>1,2</sup> , D. Damba <sup>1</sup> , C. Trapence <sup>1</sup> , J. Gumulira <sup>1</sup> , H. Tweya <sup>1,3</sup> , L. Chund <sup>4</sup> , J. Ngoma <sup>1</sup> , P. Ganesh <sup>1,4</sup> , S. Phiri <sup>1,4,5</sup> , <sup>1</sup> Lilongwe (Malawi), <sup>2</sup> Munich, <sup>3</sup> Paris (France), <sup>4</sup> Seattle (United States), <sup>5</sup> Chapel Hill (United States)

13.30 – 15.00  
Room B101

**S10: Climate Change and Health/Environmental Health**  
Chairs: S. Böse-O'Reilly, Munich  
C. Rothe, Munich

13.30 – 13.55  
T-36

**Climate Change and Global Health**  
P. van den Hazel, Ellecom (Netherlands)

## Scientific Program – Friday, April 5, 2019

13.55 – 14.20 T-37	<b>Acute health problems related to climate change in Zambia</b> P. Mukuka, Kabwe (Zambia)
14.20 – 14.27 S10-1	<b>Climate change – one of the biggest health threats of our century</b> H. Mertes, Munich
14.28 – 14.35 S10-2	<b>The association of Buruli ulcer disease endemicity with major climatic, epidemiological and socio-environmental factors: a geospatial analysis from southern Nigeria.</b> K. P. Puchner <sup>1</sup> , S. Kreibich <sup>1</sup> , A. Meka <sup>2</sup> , H. Van der Schaaf <sup>3</sup> , K. Watson <sup>3</sup> , <sup>1</sup> Würzburg, <sup>2</sup> Enugu (Nigeria), <sup>3</sup> Karlsruhe
14.36 – 14.43 S10-3	<b>Fighting against permethrin-resistant and non-resistant strains of bed bugs (Cimex lectularius) with the use of a special fogger and a combination of H2O2 fluid and permethrin – a light at the end of the tunnel</b> G. Duscher <sup>1</sup> , A. Hodžić <sup>1</sup> , E. Battisti <sup>2</sup> , S. Boigenzahn <sup>1</sup> , T. Schwan <sup>1</sup> , P. Jaeger <sup>1</sup> , D. Ljuhar <sup>1</sup> , <sup>1</sup> Vienna (Austria), <sup>2</sup> Turin (Italy)
14.44 – 14.51 S10-4	<b>Vibrio harveyi wound infection after motorboat propeller amputation injury in Mallorca, Spain</b> T. Brehm, S. Schmiedel, Hamburg

13.30 – 15.00  
Room B139

**FG2: Tropenpädiatrie**  
Chairs: R. Weigel, Witten  
W. Schimana, München

13.30 – 14.00  
T-38

**Global child health interventions: from coverage to quality**  
R. Weigel, Witten Herdecke

14.00 – 14.20  
T-39

**CPAP, a method to improve neonatal survival. Experiences from a pilot project in Moshi, Tanzania**  
B. Mmbaga, Moshi (Tanzania)

14.20 – 14.40  
T-40

**Improving access to healthcare for children through telemedicine – experience from Tanzania**  
R. Mbatia, Dar es Salaam (Tanzania)

14.40 – 15.00  
T-41

**Travelling with chronically ill children**  
E. Maritz, Offenburg

Dieses Symposium wird ausgerichtet von GTP.

**13.30 – 15.00**  
**Room B 138**      **Symposium: Humanitarian Aid and Development Cooperation**  
Chair: G. Fröschl, Munich

13.30 – 14.15  
**T-42**      **Lessons learned when Linking Relief, Rehabilitation and Development in PHC and health system strengthening**  
*B. Peterhans, Basel (Switzerland)*

14.15 – 15.00  
**T-43**      **Ends justifying the means? Critical reflections on images in humanitarian action in the Congo (DRC) and beyond**  
*M. Eriksson Baaz, Uppsala (Sweden)*

15.00 – 16.00  
Coffee Break and Poster Viewing  
For further information see page 31.

**16.00 – 17.30**  
**Plenary Hall**      **S11: Malaria and other vectorborne diseases**  
Chairs: P. Kreamsner, Tübingen  
J. May, Hamburg

**16.00 – 16.25**  
**T-44**      **Development of anti-malaria vaccines**  
*B. Mordmüller, Tübingen*

**16.25 – 16.50**  
**T-45**      **Anti-malarial drug resistance in Ghana**  
*O. Maiga-Ascofaré, Hamburg*

**16.50 – 16.57**  
**S11-1**      **Mosquitos are mixing vessels for interspecies viral microbiome**  
*J. Thannesberger<sup>1</sup>, N. Rascovan<sup>2</sup>, H.-P. Fuehrer<sup>1</sup>, I. Klymiuk<sup>3</sup>, A. Eisenmann<sup>1</sup>, C. Landis<sup>4</sup>, C. Steininger<sup>1</sup>, <sup>1</sup>Vienna (Austria), <sup>2</sup>Marseille (France), <sup>3</sup>Graz (Austria), <sup>4</sup>Bridgetown (Barbados)*

**16.58 – 17.05**  
**S11-2**      **Detecting histidine-rich protein 2 gene deleted malaria parasites**  
*A. Kreidenweiss, Tübingen*

**17.06 – 17.13**  
**S11-3**      **Capillary blood and malaria diagnostics**  
*J. Mischlinger<sup>1,2,3,4</sup>, P. Pitzinger<sup>2,3</sup>, L. Veletzky<sup>1,2</sup>, M. Groger<sup>1,2</sup>, R. Zoleko-Manego<sup>1,2</sup>, A. A. Adegnika<sup>2,4</sup>, S. T. Agnandji<sup>2,4</sup>, B. Lell<sup>2,4</sup>, P. G. Kreamsner<sup>2,4</sup>, E. Tannich<sup>1</sup>, G. Mombo-Ngoma<sup>1,2,4,5</sup>, B. Mordmüller<sup>2,4</sup>, M. Ramharter<sup>1</sup>, <sup>1</sup>Hamburg, <sup>2</sup>Lambaréné (Gabon), <sup>3</sup>Vienna (Austria), <sup>4</sup>Tübingen, <sup>5</sup>Libreville (Gabon)*

**17.14 – 17.21**  
**S11-4**      **Causes of Fever in Gabonese Children: A Cross-Sectional Hospital-Based Study**  
*J. Fernandes<sup>1,2,3</sup>, J. Held<sup>1,2</sup>, A. Adégnika<sup>1,2</sup>, P. Kreamsner<sup>1,2</sup>, M. Grobusch<sup>1,2,3</sup>, B. Mordmüller<sup>1,2</sup>, <sup>1</sup>Tübingen, <sup>2</sup>Lambaréné (Gabon), <sup>3</sup>Amsterdam (Netherlands)*

**16.00 – 17.30**  
**Room B101**      **S12: Non-communicable Diseases & Health Systems**  
Chairs: G. Dreyer, London (UK)  
S. Chakraborty, Bichl

**16.00 – 16.25**  
**T-46**      **A Public Health approach to non-communicable diseases**  
*V. Luyckx, Zürich (Switzerland)*

**16.25 – 16.50**  
**T-47**      **Building a Global Stewardship model for access to NCD care: the role of the WHO**  
*A. Ullrich-Concordia, Geneva (Switzerland)*

**16.50 – 16.57**  
**S12-1**      **Global burden of atherosclerotic cardiovascular disease in people living with the hepatitis C virus. A systematic review, meta-analysis and modelling study.**  
*K. K. Lee<sup>1</sup>, D. Stelzle<sup>2</sup>, R. Bing<sup>1</sup>, M. Anwar<sup>1</sup>, F. E. Strachan<sup>1</sup>, S. Bashir<sup>1</sup>, D. E. Newby<sup>1</sup>, J. S. Shah<sup>3</sup>, M. H. Chung<sup>3</sup>, G. S. Bloomfield<sup>4</sup>, C. T. Longenecker<sup>5</sup>, S. Bagchi<sup>6</sup>, S. Kottlilil<sup>6</sup>, S. Blach<sup>7</sup>, H. Razavi<sup>7</sup>, P. R. Mills<sup>8</sup>, N. L. Mills<sup>1</sup>, D. A. McAllister<sup>8</sup>, A. S. V. Shah<sup>1</sup>, <sup>1</sup>Edinburgh (United Kingdom), <sup>2</sup>Munich, <sup>3</sup>Nairobi (Kenya), <sup>4</sup>Durham (United States), <sup>5</sup>Cleveland (United States), <sup>6</sup>Maryland (United States), <sup>7</sup>Louisville (United States), <sup>8</sup>Glasgow (United Kingdom)*

**16.58 – 17.05**  
**S12-2**      **Cervical cancer in HIV-infected and non-infected women from Mbeya, Tanzania**  
*L. Glasmeyer<sup>1</sup>, R. Mcharo<sup>2</sup>, J. Mnkai<sup>2</sup>, M. Sembo<sup>2</sup>, L. Torres<sup>2</sup>, O. Geisenberger<sup>1</sup>, M. Judick<sup>1</sup>, W. Mbuya<sup>2</sup>, K. Held<sup>1</sup>, J. France<sup>2</sup>, C. Geldmacher<sup>1</sup>, A. Kroidl<sup>1</sup>, <sup>1</sup>Munich, <sup>2</sup>Mbeya (Tanzania)*

**17.06 – 17.13**  
**S12-3**      **Breast cancer diagnosis, treatment and survival in Mali**  
*K. Grosse Frie<sup>1,2</sup>, B. Kamate<sup>3</sup>, C. Traore<sup>3</sup>, M. Ly<sup>3</sup>, B. Malle<sup>3</sup>, B. Coulibaly<sup>3</sup>, E. Kantelhardt<sup>2</sup>, <sup>1</sup>Eschborn, <sup>2</sup>Halle (Saale), <sup>3</sup>Bamako (Mali)*

**17.14 – 17.21**  
**S12-4**      **Health Facility Readiness in a remote Karnali Province of Nepal**  
*D. Paudel<sup>1,2</sup>, B. Rajbhandari<sup>1</sup>, M. Chaulagain<sup>1</sup>, <sup>1</sup>Kathmandu (Nepal), <sup>2</sup>Munich*



## Scientific Program – Friday, April 5, 2019

16.00 – 17.30  
Room B 139  
**FG3: Tropendermatologie**  
Das “Regional Dermatologie Training Centre” in Moshi/Tanzania  
Chairs: D. Reinel, Hamburg  
S. Schliemann, Jena

16.00 – 16.18  
T-48  
**Geschichte und Wirkung des RDTC**  
*H. Grossmann, Moshi (Tanzania)*

16.18 – 16.36  
T-49  
**Tropendermatologische Fälle aus dem RDTC**  
*P. Elsner, Jena*

16.36 – 16.54  
T-50  
**Allergien am RDTC**  
*S. Schliemann, Jena*

16.54 – 17.12  
FG3-1  
**Mykosen am RDTC**  
*D. Reinel, Hamburg*

17.12 – 17.30  
FG3-2  
**Albinismus am RDTC**  
*R. Moser, Eisenstadt (Österreich)*

Dieses Symposium wird ausgerichtet von der International Society of Dermatology in the Tropics.

16.00 – 17.30  
Room B 138  
**Symposium: Humanitarian Aid and Development Cooperation**  
Chair: G. Fröschl, Munich

16.00 – 16.45  
T-51  
**Humanitarian Aid versus Development Cooperation:  
Is this distinction still appropriate in a world of protracted  
crises and natural disasters?**  
*B. Rademacher, Munich*

16.45 – 17.30  
T-52  
**How to end the project? –  
the Urarinas in lowland Amazonia of Peru**  
*M. Braeutigam, Eichstätt*

17.30 – 17.45  
Coffee Break

## Scientific Program – Friday, April 5, 2019

17.45 – 17.55  
Plenary Hall  
Verleihung des DTG Preises

17.55 – 18.15  
Plenary Hall  
**DTG-Award Lecture**  
**Operational research during Ebola and Lassa outbreaks**  
*S. Duraffour, Hamburg*

18.15 – 19.15  
Plenary Hall  
**DTG Mitgliederversammlung**

from 19.30  
**Bavarian Evening**



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Friday, April 5, 2019, from 19.30

Bavarian Evening at „Der Pschorr“  
Viktualienmarkt 15, 80331 München

We cordially invite you to end the second conference day with us at „Der Pschorr“, a traditional Bavarian restaurant in the heart of Munich. Enjoy Bavarian specialties and fresh draft beer in a relaxing atmosphere with colleagues and friends.

You are mostly welcome to wear **traditional clothes**.

Registration in advance is absolutely essential. There is a charge of 50 EUR per person (incl. VAT).

How to get there: [www.derpschorr.de/anfahrt.html](http://www.derpschorr.de/anfahrt.html)



09.00 – 10.30  
Plenary Hall

## S13: Neglected Tropical Diseases

Chairs: C. Prazeres da Costa, Munich  
J. Walochnik, Vienna (Austria)

09.00 – 09.25  
T-53

### Cutaneous leishmaniasis: new aspects of pathogenesis and therapy

C. Bogdan, Nürnberg

09.25 – 09.50  
T-54

### The new WHO LF elimination programme 2020-2030 – which role for new drugs and diagnostics?

A. Hörauf, Bonn

09.50 – 09.57  
S13-1

### A novel cell-free method to culture *Schistosoma mansoni* from cercariae to juvenile worm stages for *in vitro* drug testing

S. Frahm<sup>1</sup>, A. Anisuzzaman<sup>1,2</sup>, F. Prodjinotho<sup>1</sup>, N. Vejzagic<sup>1</sup>,  
A. Verschoor<sup>3</sup>, C. Prazeres da Costa<sup>1</sup>, <sup>1</sup>Munich, <sup>2</sup>Mymensingh (Bangladesh), <sup>3</sup>Lübeck

09.58 – 10.05  
S13-2

### Impact of helminth infections during pregnancy on humoral vaccine immunogenicity in Gabonese infants

J. Flügge<sup>1</sup>, J. Honkpehedji<sup>2</sup>, E. Askani<sup>1,2</sup>, M. M. Loembe<sup>1,2,3</sup>, T. L. Sandri<sup>1</sup>, S. Brückner<sup>1</sup>, M. Duali<sup>2</sup>, J. Strunk<sup>1</sup>, B. Mordmüller<sup>1,2</sup>, S. T. Agnandji<sup>1,2</sup>, B. Lell<sup>1,2</sup>, P. G. Kremsner<sup>1,2</sup>, A. A. Adegniko<sup>1,2</sup>, M. Esen<sup>1,2</sup>, <sup>1</sup>Tübingen, <sup>2</sup>Lambaréné (Gabon), <sup>3</sup>Libreville (Gabon)

10.06 – 10.13  
S13-3

### A Burden of Disease assessment of *Loa loa* infection in Gabon: preliminary data

L. Veletzky<sup>1,2</sup>, D. Stelz<sup>1</sup>, J. Hergeth<sup>2</sup>, R. Zoleko-Manego<sup>1,2</sup>,  
G. Mombo-Ngoma<sup>1,2</sup>, C. Budke<sup>3</sup>, J. Mischlinger<sup>1</sup>, A. A. Adegniko<sup>2,4</sup>,  
W. Metzger<sup>4</sup>, P. B. Matsiegui<sup>5</sup>, H. Lagler<sup>6</sup>, B. Mordmüller<sup>2,4</sup>,  
M. Ramharter<sup>1,2</sup>, <sup>1</sup>Hamburg, <sup>2</sup>Lambaréné (Gabon), <sup>3</sup>Texas (United States), <sup>4</sup>Tübingen, <sup>5</sup>Fougamou (Gabon), <sup>6</sup>Vienna (Austria)

10.14 – 10.21  
S13-4

### Immune activation profile in *Wuchereria bancrofti* infected individuals in Upper East Region, Ghana

S. Horn<sup>1</sup>, L. Batsa Debrah<sup>2</sup>, J. Osei-Mensah<sup>2</sup>, V. Serwaa Opoku<sup>2</sup>,  
C. Geldmacher<sup>1</sup>, E. Saathoff<sup>1</sup>, K. Pfarr<sup>3</sup>, L. Layland<sup>3</sup>, A. Y. Debrah<sup>2</sup>,  
A. Hoerauf<sup>3</sup>, M. Hölscher<sup>1</sup>, I. Kroidl<sup>1</sup>, <sup>1</sup>Munich, <sup>2</sup>Kumasi (Ghana), <sup>3</sup>Bonn

9.00 – 10.30  
Room B101

## FG4: Junge DTG/Junge Parasitologen

Chairs: S. Schneitler, München  
H.-P. Führer, Wien (Österreich)

Der Altmeister des Science Slams – Professor Al-Dahouk aus Berlin – zeigt einen wissenschaftlichen Vortrag auf anderer Ebene. Im Anschluss präsentieren junge Wissenschaftler/-innen ihre Arbeiten.

09.00 – 09.30  
T-55

### Brucellose – nicht Borreliose!

S. Al-Dahouk, Berlin

09.30 – 09.37  
FG4-1

### *Trichomonas vaginalis* lysosomes - a study on a protist stomach

N. Zimmann, P. Rada, I. Hrdý, J. Tachezy, Vestec (Czech Republic)

09.37 – 09.44  
FG4-2

### No evidence for Histidine-rich protein 2 deficient *P. falciparum* in Arsi and East Shewa zone, central Ethiopia

L. Stötter<sup>1,2</sup>, K. Ebner<sup>1,2</sup>, M. G. Mesfun<sup>1,2</sup>, A. Fuchs<sup>1,2</sup>, C. Dröge<sup>2</sup>,  
J. Früh<sup>1,2</sup>, M. Holtfreter<sup>2</sup>, T. Feldt<sup>1,2</sup>, D. Häussinger<sup>1,2</sup>, <sup>1</sup>Asella (Ethiopia), <sup>2</sup>Düsseldorf

09.44 – 09.51  
FG4-3

### Bilharziose in der Schwangerschaft

B. T. Schleenvoigt<sup>1</sup>, M. Holtfreter<sup>2</sup>, <sup>1</sup>Jena, <sup>2</sup>Düsseldorf

09.51 – 09.58  
FG4-4

### Sandfly dispersal in Central Europe: is temperature really critical?

E. Kniha, A. Obwaller, W. Pöppl, G. Mooseder, J. Walochnik, Vienna (Austria)

09.58 – 10.05  
FG4-5

### Zoonotic pathogens in ticks from migratory birds, Italy

E. Battisti<sup>1</sup>, K. Urach<sup>2</sup>, A. Hodžić<sup>2</sup>, L. Fusani<sup>2</sup>, P. Hufnagl<sup>2</sup>, G. Felsberger<sup>2</sup>,  
E. Ferroglio<sup>4</sup>, G. G. Duscher<sup>2</sup>, <sup>1</sup>Grugliasco (Italy), <sup>2</sup>Vienna (Austria)

10.05 – 10.12  
FG4-6

### Ein Update über einheimische, invasive und neobiotische Stechmücken in Österreich

H.-P. Führer, C. Zittra, E. Schoener, Vienna (Austria)

10.12 – 10.30

### Diskussion / Discussion

Dieses Symposium wird ausgerichtet von der Jungen DTG.

09.00 – 10.30 Room B139	<b>FG5: Tropen Chirurgie</b> Chairs: H. Mothes, Jena S. Müller, Landshut
09.00 – 09.20 T-56	<b>Relevanz von Unfällen für die Krankheitslast in LMICs</b> <i>M. Lahlal, Wien (Österreich)</i>
09.20 – 09.40 T-57	<b>Versorgung offener Frakturen – verschiedene Lösungsansätze</b> <i>H.P. Geiselhardt, Stuttgart</i>
09.40 – 10.00 T-58	<b>Abdominelle Verletzungen – Damage Control in Entwicklungsländern</b> <i>H. Mothes, Weimar</i>
10.00 – 10.20 T-59	<b>Verbrennungen – Versorgungskonzepte unter einfachen Bedingungen</b> <i>W. Demmer, Essen</i>
10.20 – 10.25 FG5-1	<b>Burns in low- and middle-income countries – a public health perspective</b> <i>S. L. Böll, Wien</i>
10.25 – 10.30 FG5-2	<b>Case Presentation: Sigmoid colon carcinoma on the basis of Schistosomiasis in an emigrated nurse</b> <i>B. V. A. Eder, C. Köhler, P. G. Kreamsner, A. L. Bissinger, Tübingen</i>

Dieses Symposium wird ausgerichtet von der DTC.

09.00 – 10.30 Room B138	<b>S14: Global Health 2</b> Chairs: A. Jahn, Heidelberg A. Winkler, Munich
09.00 – 09.25 T-60	<b>The 2018 Global Health Action Plan for healthy lives and well- being for all: what is new and what should we do about it?</b> <i>M. Voss, Berlin</i>
09.25 – 09.50 T-61	<b>What is the role of academic research in the new German Global Health Strategy?</b> <i>B. Kümmel, Berlin</i>
09.50 – 09.57 S14-1	<b>Global Neurology: The Tsunami of Non-Communicable Diseases</b> <i>D. Stelzle, A. K. Klohe, A. S. Winkler, Munich</i>
09.58 – 10.05 S14-2	<b>Perceived adverse side effects of repeated Praziquantel mass drug administration on Ijunga Island, Lake Victoria, Tanzania</b> <i>S. Peter<sup>1</sup>, H. D. Mazigo<sup>2</sup>, A. Fuss<sup>1</sup>, C. Kasang<sup>1</sup>, G. Kaatano<sup>2</sup>, A. Müller<sup>1</sup>, <sup>1</sup>Würzburg, <sup>2</sup>Mwanza, (Tanzania)</i>
10.06 – 10.13 S14-3	<b>Kenya´s Health in All Policies strategy: a policy analysis using Kingdon´s multiple streams</b> <i>J. Mauti<sup>1</sup>, L. Gautier<sup>2</sup>, J.-W. De Neve<sup>1</sup>, C. Beiersmann<sup>1</sup>, J. Tosun<sup>1</sup>, A. Jahn<sup>1</sup>, <sup>1</sup>Heidelberg, <sup>2</sup>Montreal (Canada)</i>
10.14 – 10.21 S14-4	<b>Cystic echinococcosis in unaccompanied minor refugees from Afghanistan and the Middle East</b> <i>J. Richter, L. Esmann, A. K. Lindner, I. Trebesch, G. Equihua Martinez, M. Niebank, S. Georgi, D. Schürmann, F. Pfäfflin, M. Gertler, Berlin</i>

10.30 – 11.00 Coffee Break

**10.40 – 10.55  
Room B101** **Presentation of the Body Map Exhibition**  
*M. Navarro, Alicante (Spain), M. Pritsch, Munich*

For further information see p. 54.

## Scientific Program – Saturday, April 6, 2019

11.00 – 12.00 Plenary Hall	<b>Plenary 3: Vaccines/Novel Diagnostics</b> Chairs: U. Wiedermann-Schmidt, Vienna G. Sutter, Munich
11.00 – 11.30 T-62	<b>New Tools to Tackle Ebola</b> <i>D. Bausch, Oxford (UK)</i>
11.30 – 12.00 T-63	<b>Novel antiparasitic therapeutics</b> <i>G. Bilbe, Geneva (Switzerland)</i>
12.00 – 12.45	<b>Plenary 4: 2 Jahre in der Tropenmedizin</b> Chairs: H. Kollaritsch, Vienna (Austria) C. Köhler, Tübingen
12.00 – 12.45 T-64	<b>2 Jahre in der Tropenmedizin</b> <i>G. Burchard, Hamburg</i>
12.45 – 13.00	Closing
13.00 – 13.15	Lunch Break
13.15 – 15.15 B139	<b>Tropenmedizin Update</b> Chairs: A. Stich, Würzburg M. Grobusch, Amsterdam (Netherlands)
13.15 – 14.15 T-65	<b>Update Parasitologie</b> <i>E. Tannich, Hamburg</i>
14.15 – 15.15 T-66	<b>Differentialdiagnose – der kranke Reiserückkehrer</b> <i>A. Stich, Würzburg/M. Grobusch, Amsterdam (Netherlands)</i>
15.15 – 15.30	Coffee Break
15.30 – 17.00 B139	<b>Reisemedizin Update</b> Chairs: C. Rothe, München A. von Schrader-Beielstein, München
15.30 – 16.00 T-67	<b>Update Reiseimpfungen</b> <i>H. Kollaritsch, Wien (Österreich)</i>
16.00 – 16.30 T-68	<b>Der Gesundheitsdienst des Auswärtigen Amtes stellt sich vor</b> <i>G. Boecken, Berlin</i>
16.30 – 17.00 T-69	<b>Tauch- und Höhenmedizin – was gibt's Neues?</b> <i>A. von Schrader-Beielstein, München</i>

## Poster Session / Awards and Grants

### Poster Session

The poster exhibition will take place on the 1st floor. Posters shall be prepared in DIN A0 size (1189mm x 841mm), portrait format. Material to fix the posters will be provided. All posters should be mounted on Thursday, April 4, 2019 from 10:00 – 13:00. Please remove your poster after the congress on Saturday, April 6, 2019, from 13:30 – 15:00. It is not possible to send remaining posters back to you after the congress. Please note that remaining posters have to be disposed of.

### Poster Viewing, Friday, April 5, 2019, 15.00 – 16.00

All authors are kindly asked to be present at their posters during the poster viewing for questions and discussion.

### DTG Prize for Tropical Medicine 2019

Sponsor: Else Kröner-Fresenius-Stiftung

The DTG will award the Prize for Tropical Medicine 2019 endowed with 5.000,- on Friday, April 5, 2019 from 17.45-18.15.

### DTG Poster Prize

The three best posters in the fields of „Clinical Research“, „Experimental Research“ and „Public Health Research“ will be awarded with EUR 200,- each.

### ÖGTPM Travel Grant

With the help of several sponsors the ÖGTPM is able to provide 25 travel grants for the participation at the CTM 2019. The grant – each € 300.- – is for covering partly travel costs, accommodation and registration. It is obligatory to provide the original receipts. To apply for the grant the membership (ÖGTPM) is obligatory as well as an accepted abstract (talk or poster).

The decision for the award will be done by the ÖGTPM board following their guidelines:

- Talk preferred
- Student first
- First come – first serve

The application has to be made with the accepted abstract (due to the CTM 2019 scientific board) and information concerning the status of education (student, doctoral student, post doc, etc.) to [office@oegtpm.at](mailto:office@oegtpm.at). Further informations will be given after confirmation of the grant.



**S1: Novel Diagnostics / Digital Health**

- P1 Burden of schistosomiasis in African migrants living in Germany: differential diagnostics and implications for public health**  
L.-M. Lunardon<sup>1</sup>, C. Weber<sup>2</sup>, A. Lindner<sup>2</sup>, A. Nimmesgern<sup>1</sup>, J. Seybold<sup>2</sup>, F. Mockenhaupt<sup>2</sup>, S. Becker<sup>1</sup>, <sup>1</sup>Homburg/Saar, <sup>2</sup>Berlin
- P2 Evaluation of a Strongyloides IgG ELISA with S.papillosus antigen**  
M.-T. Ruf, H. Marti, S. Poppert, B. Nickel, Basel (Switzerland)
- P3 Improvements in Patient Safety through online collaboration of a competence network with Liberian district hospitals**  
F. Mueller<sup>1</sup>, K. Ochel<sup>2</sup>, G. Schneider<sup>1</sup>, <sup>1</sup>Tübingen, <sup>2</sup>Würzburg

**S3: One Health / Emerging Infections**

- P4 Typhoid fever complicated by bowel perforations in children and adults – data and consequences for our main critical care unit in Blantyre (Malawi) from 2006 - 2018.**  
G. Pollach<sup>1</sup>, F. Namboya<sup>1</sup>, T. Hübscher<sup>2</sup>, S. Mndolo<sup>1</sup>, <sup>1</sup>Blantyre (Malawi), <sup>2</sup>Bern (Switzerland)
- P5 Detection of louse-borne relapsing fever (LBRF) from direct patient blood in migrants – lessons learned from large case series in southern Bavaria**  
V. Fingerle<sup>1</sup>, A.-C. Neumann<sup>2</sup>, T. Löscher<sup>2</sup>, M. Seilmaier<sup>2</sup>, M. Hoelscher<sup>2</sup>, U. von Both<sup>2</sup>, A. Wieser<sup>2</sup>, <sup>1</sup>Oberschleissheim, <sup>2</sup>Munich
- P6 Erkennung von Erregern globaler Fieber-Erkrankungen - direkt, einfach, schnell, vor Ort**  
A. Tanovic<sup>1</sup>, R. Gregerson<sup>2</sup>, <sup>1</sup>Rosbach v.d. Höhe, <sup>2</sup>Salt Lake City (United States)
- P7 Congenital abnormalities associated with ZIKV infection - which co-factors are we looking for?**  
S. Petzold, T. Jaenisch, O. Horstick, N. Agabaria, V. Winkler, A. Deckert, Heidelberg
- P8 Chronology of the discovery of the autochthonous transmission of human schistosomiasis in Corsica**  
J. Richter<sup>1</sup>, H. Moné<sup>2</sup>, M. Holtfreter<sup>3</sup>, G. Mouahid<sup>2</sup>, <sup>1</sup>Berlin, <sup>2</sup>Perpignan (France), <sup>3</sup>Düsseldorf
- P9 Expect the unexpected A rare cause of hematologic deterioration in a patient from rural Germany**  
J. Bloehdorn, S. Kapp-Schwoerer, K. Klein, B. Hagemann, B. Grüner, Ulm

**S4: Global Health 1**

- P10 Diagnosis and outcome of sepsis at a tertiary referral hospital in Central Ethiopia**  
A. Fuchs<sup>1,2</sup>, T. B. Tufa<sup>1,2</sup>, J. Hörner<sup>2</sup>, Z. Hurissa<sup>1</sup>, H. M. Orth<sup>1,2</sup>, S. Abdissa<sup>1</sup>, A. Kaasch<sup>2</sup>, D. Häussinger<sup>1,2</sup>, T. Feldt<sup>1,2</sup>, <sup>1</sup>Asella (Ethiopia), <sup>2</sup>Düsseldorf
- P11 Immunization Coverage among Refugee Children in Berlin**  
L. Fozouni<sup>1</sup>, C. Weber<sup>2</sup>, A. K. Lindner<sup>2</sup>, G. Rutherford<sup>1</sup>, <sup>1</sup>San Francisco (United States), <sup>2</sup>Berlin
- P12 Think globally, but how to act locally? Problems German patients face in getting their medication covered by national health insurances**  
J. Richter, G. Equihua Martinez, K. Müller, M. Gertler, A. K. Lindner, Berlin
- P13 Open access journals: transparent science or shady business?**  
J. Richter<sup>1</sup>, M. Botelho<sup>2</sup>, <sup>1</sup>Berlin, <sup>2</sup>Porto (Portugal)

**S7: Tuberculosis & Antimicrobial Resistance**

- P14 Predictors and treatment outcomes of Extrapulmonary tuberculosis from an Indian tertiary care hospital**  
V. S. Jibia, V. Guddattu, K. Saravu, Manipal (India)
- P15 The role of bedaquiline and linezolid in the management of toxicity from rifampicinresistant tuberculosis treatment in Johannesburg (South Africa).**  
H. Matthews<sup>1</sup>, D. Evans<sup>2</sup>, R. Berhanu<sup>3</sup>, <sup>1</sup>Hamburg, <sup>2</sup>Johannesburg (South Africa), <sup>3</sup>Chapel Hill (United States)
- P16 Socio-demographic Profiling of Tuberculosis Hotspots in Ethiopia: 2014 - 2017**  
Y. Gelaw<sup>1,2</sup>, G. Williams<sup>1</sup>, Y. Assefa<sup>1</sup>, R. J. Soares Magalhães<sup>1,3</sup>, <sup>1</sup>Brisbane (Australia), <sup>2</sup>Gondar (Ethiopia), <sup>3</sup>Gatton (Australia)
- P17 Using RNA sequencing to describe gene expression signatures for distinct disease states in pulmonary tuberculosis**  
M. I. M. Ahmed, L. Rogers, J. Buschbeck, M. Rohlfs, M. Hoelscher, N. Heinrich, C. Geldmacher, U. von Both, Munich
- P18 New techniques to investigate dormant growth states of Mycobacteria on a single cell and ensemble basis for future rapid testing and drug development**  
A.-C. Neumann, D. Bauer, M. Hoelscher, C. Haisch, A. Wieser, Munich
- P19 Focused Ultrasound in Pediatric Diagnostic Tuberculosis Work-up: A Case Report from Germany**  
S. Weber<sup>1</sup>, M. Weber<sup>1</sup>, K. Tenbrock<sup>1</sup>, S. Bélard<sup>2</sup>, <sup>1</sup>Aachen, <sup>2</sup>Berlin

## Poster

- P20 Interim analysis of the pulmonary tuberculosis sequelae in a multicenter African TB Cohort**  
*A. Bakuli<sup>1</sup>, O. Ivanova<sup>1</sup>, S. Charalambous<sup>2</sup>, C. Khosa<sup>3</sup>, J. Sutherland<sup>4</sup>, M. Rassool<sup>2</sup>, N. Ntinginya<sup>5</sup>, G. Churchyard<sup>2</sup>, M. Hoelscher<sup>1</sup>, A. Rachow<sup>1</sup>, <sup>1</sup>Munich, <sup>2</sup>Johannesburg (South Africa), <sup>3</sup>Maputo (Mozambique), <sup>4</sup>Serrekunda (Gambia), <sup>5</sup>Mbeya (Tanzania)*
- P21 Improving the diagnosis of tuberculosis: Using single-cell transcriptomic profiling of pathogen-specific T cells for the identification of novel biomarkers**  
*K. Held, M. I. Ahmed, L. Rogers, I. Andrä, J. Hansen, L. Olbrich, M. Schiemann, M. Hölscher, N. Heinrich, E. Beltrán, C. Geldmacher, Munich*
- P22 Rifampicin dosage and exposure are associated with superior activity in the PanACEA MAMS-TB study**  
*N. Heinrich<sup>1</sup>, L. te Brake<sup>2</sup>, A. Diacon<sup>3</sup>, I. Sanne<sup>4</sup>, G. Kibiki<sup>5</sup>, N. Ntinginya<sup>6</sup>, M. Boeree<sup>2</sup>, R. Aarnoutse<sup>2</sup>, M. Hölscher<sup>1</sup>, <sup>1</sup>Munich, <sup>2</sup>Nijmegen (Netherlands), <sup>3</sup>Cape Town (South Africa), <sup>4</sup>Johannesburg (South Africa), <sup>5</sup>Moshi (Tanzania), <sup>6</sup>Mbeya (Tanzania)*
- P23 RefuScreen TB: A TB diagnostic study in Munich**  
*L. Olbrich, L. Kübler, K. Avsar, U. Behrends, U. von Both, C. Geldmacher, M. Seilmaier, M. Ferko, H. Hoffmann, M. Hölscher, N. Heinrich, Munich*
- P24 Tuberculosis and Latent Tuberculosis Infection among Asylum-Seekers in Milan (Italy): Epidemiological Analysis and Evaluation of Interventions**  
*S. Villa, L. R. Codecasa, M. Faccini, M. M. Pontello, M. Ferrarese, P. F. Castellotti, S. Senatore, A. Lamberti, E. Mazzola, D. Campisi, M. C. Raviglione, Milan (Italy)*
- P25 African patient with multi drug resistant, severe pulmonary Mycobacterium avium infection**  
*M. Stegemann, Berlin*
- P26 Increase of nasal colonization with MDR-staphylococci during hospitalization in a tertiary hospital in central Ethiopia**  
*J. Früh<sup>1,2</sup>, L. Stötter<sup>1,2</sup>, A. Fuchs<sup>1,2</sup>, S. Abdissa<sup>1</sup>, T. B. Tufa<sup>1,2</sup>, H. M. Orth<sup>1,2</sup>, A. J. Kaasch<sup>2</sup>, C. MacKenzie<sup>2</sup>, K. Pfeffer<sup>2</sup>, T. Feldt<sup>1,2</sup>, D. Häussinger<sup>1,2</sup>, <sup>1</sup>Asella (Ethiopia), <sup>2</sup>Düsseldorf*
- P27 Extended-spectrum beta-lactamase producing Gram-negative infections and associated mortality in Ethiopia: a systematic review and meta-analysis**  
*T. B. Tufa<sup>1,2</sup>, T. B. Tufa<sup>3</sup>, F. André<sup>1,2</sup>, K. Achim<sup>2</sup>, M. Colin<sup>2</sup>, P. Klaus<sup>2</sup>, F. Torsten<sup>1,2</sup>, H. Dieter<sup>1,2</sup>, <sup>1</sup>Asella (Ethiopia), <sup>2</sup>Düsseldorf, <sup>3</sup>Addis Abeba (Ethiopia)*
- P28 High rate of Extended-spectrum beta-lactamase producing bacteria among the Gram-negative isolated from patients with febrile illness in the Asella Teaching Hospital (Ethiopia).**  
*T. B. Tufa<sup>1,2</sup>, F. André<sup>1</sup>, S. Abdissa<sup>1,2</sup>, O. Hans Martin<sup>1,2</sup>, K. Achim<sup>2</sup>, M. Colin<sup>2</sup>, P. Klaus<sup>2</sup>, F. Torsten<sup>1,2</sup>, H. Dieter<sup>1,2</sup>, <sup>1</sup>Asella (Ethiopia), <sup>2</sup>Düsseldorf*

## Poster

- P29 High rate of anal colonization with Extended Spectrum  $\beta$ -Lactamase (ESBL) producing Gram-negative bacteria among hospitalized patients in Central Ethiopia**  
*S. Abdissa<sup>1</sup>, J. Früh<sup>1,2</sup>, L. Stötter<sup>1,2</sup>, A. Fuchs<sup>1,2</sup>, T. B. Tufa<sup>1,2</sup>, A. Sorsa<sup>1</sup>, Z. H. Dadi<sup>1</sup>, A. J. Kaasch<sup>2</sup>, C. MacKenzie<sup>2</sup>, K. Pfeffer<sup>2</sup>, T. Feldt<sup>1,2</sup>, D. Häussinger<sup>1,2</sup>, <sup>1</sup>Asella (Ethiopia), <sup>2</sup>Düsseldorf*
- P30 Prevalence of H. pylori infection and efficacy of triple eradication therapy among HIV positive and HIV negative individuals in Central Ethiopia**  
*M. G. Mesfun<sup>1,2</sup>, A. Fuchs<sup>1,2</sup>, P. Lang<sup>2</sup>, A. Schönfeld<sup>1,2</sup>, E. O. Kuffour<sup>2</sup>, N. Berhe<sup>3</sup>, D. Häussinger<sup>1,2</sup>, T. Feldt<sup>1,2</sup>, <sup>1</sup>Asella (Ethiopia), <sup>2</sup>Düsseldorf, <sup>3</sup>Addis Ababa (Ethiopia)*
- P31 Getting concrete: What can antibiotic stewardship deliver? A pilot study in sub-Saharan Africa on WHO's Integrated Management of Childhood Illness**  
*P. Hofmann<sup>1,2</sup>, M. McCall<sup>1,2</sup>, A. Alabi<sup>2</sup>, F. Schaumburg<sup>3</sup>, M. Agbanrin<sup>2</sup>, C. Gouleu<sup>2</sup>, G. Bingoulou<sup>2</sup>, G. Manouana<sup>2</sup>, S. Borrmann<sup>1</sup>, A. Adegnika<sup>1,2,4</sup>, <sup>1</sup>Tübingen, <sup>2</sup>Lambaréné (Gabon), <sup>3</sup>Münster, <sup>4</sup>Leiden (Netherlands)*
- S8: Preventive Medicine & Occupational Health**
- P32 Comparison effect of Honey bee venom on Pathogen bacteria compared with Common antibiotics**  
*J. Gavanji, S. Gavanji, A. Bakhtari, B. Larki, Isfahan (Iran)*
- P33 12 years of experience in "Barrier Nursing Training" – a review**  
*D. Wiemer, Hamburg*
- P34 Yellow Fever Vaccination during methotrexate treatment - a prospective controlled multi-centre study**  
*S. Bühler<sup>1,2</sup>, G. Eperon<sup>3</sup>, H.-J. Furrer<sup>4</sup>, C. Fux<sup>5</sup>, V. Jaeger<sup>6</sup>, S. Jansen<sup>1</sup>, A. Neumayr<sup>6</sup>, L. Rochat<sup>7</sup>, J. Schmidt-Chanasit<sup>1</sup>, C. Staehelin<sup>4</sup>, P. Villiger<sup>4</sup>, A. Visser<sup>8</sup>, L. Visser<sup>8</sup>, C. Hatz<sup>6</sup>, <sup>6</sup>Hamburg, <sup>2</sup>Zurich (Switzerland), <sup>3</sup>Geneva (Switzerland), <sup>4</sup>Berne (Switzerland), <sup>5</sup>Aarau (Switzerland), <sup>6</sup>Basel (Switzerland), <sup>7</sup>Lausanne (Switzerland), <sup>8</sup>Leiden (Netherlands)*

## S9: Blood-borne Infections: HIV & Hepatitis

- P35 Envelope-specific epitope recognition patterns of HIV vaccine-induced IgG antibodies are linked to immunogen structure and sequence**  
*Y. Nadai<sup>1</sup>, K. Held<sup>1</sup>, S. Joseph<sup>2</sup>, M. Ahmed<sup>1</sup>, V. Hoffmann<sup>1</sup>, D. Peterhoff<sup>3</sup>, M. Missanga<sup>4</sup>, A. Bauer<sup>1,4</sup>, A. Joachim<sup>5</sup>, U. Reimer<sup>6</sup>, J. Zerweck<sup>6</sup>, S. McCormack<sup>2</sup>, A. C. Cope<sup>2</sup>, R. Tatoud<sup>2</sup>, R. J. Shattock<sup>2</sup>, M. Robb<sup>7</sup>, E. Sandstroem<sup>8</sup>, M. Hoelscher<sup>1</sup>, L. Maboko<sup>4</sup>, M. Bakari<sup>5</sup>, A. Kroidl<sup>1</sup>, R. Wagner<sup>3</sup>, J. Weber<sup>2</sup>, G. Pollakis<sup>9</sup>, C. Geldmacher<sup>1</sup>, <sup>1</sup>Munich, <sup>2</sup>London (United Kingdom), <sup>3</sup>Regensburg, <sup>4</sup>Mbeya (Tanzania), <sup>5</sup>Dar es Salaam (Tanzania), <sup>6</sup>Berlin, <sup>7</sup>Silver Spring (United States), <sup>8</sup>Stockholm (Sweden), <sup>9</sup>Liverpool (United Kingdom)*

## Poster

- P36 Visualising Virus-T cell Interactions in lymphoid Tissues using combined in situ Hybridisation and fluorescence Immunohistochemistry**  
*K. Held<sup>1</sup>, J. Anderson<sup>1</sup>, H. Gruell<sup>2</sup>, F. Klein<sup>2</sup>, M. Hölscher<sup>1</sup>, C. Lehmann<sup>2</sup>, C. Geldmacher<sup>1</sup>,  
<sup>1</sup>Munich, <sup>2</sup>Cologne*
- P37 Effects of H. pylori infection on immune activation and regulation of T-lymphocytes**  
*M. G. Mesfun<sup>1,2</sup>, A. Fuchs<sup>1,2</sup>, P. Lang<sup>2</sup>, A. Schönfeld<sup>1,2</sup>, E. O. Kuffour<sup>2</sup>, N. Berhe<sup>3</sup>,  
D. Häussinger<sup>1,2</sup>, T. Feldt<sup>1,2</sup>, <sup>1</sup>Asella (Ethiopia), <sup>2</sup>Düsseldorf, <sup>3</sup>Addis Ababa (Ethiopia)*
- P38 Mobile instant messaging facilitates clinical consultation and training in HIV care in resource-limited settings**  
*C. Wallrauch<sup>1,2</sup>, T. Heller<sup>2</sup>, S. Belard<sup>3</sup>, O. Sande<sup>2</sup>, T. Kumwanda<sup>2</sup>, J. Gumulira<sup>2</sup>, P. Ganesh<sup>2,4</sup>,  
<sup>4</sup>S. Guga<sup>4</sup>, H. Tweya<sup>2,5</sup>, S. Phiri<sup>2,4,6</sup>, <sup>1</sup>München, <sup>2</sup>Lilongwe (Malawi), <sup>3</sup>Berlin, <sup>4</sup>Seattle (United States), <sup>5</sup>Paris (France), <sup>6</sup>Chapel Hill (United States)*
- P39 Systematic HIV care for medical inpatients in a government referral hospital in Malawi: One year results - Inpatient HIV testing and linkage into care**  
*T. Heller<sup>1</sup>, C. Wallrauch<sup>1,2</sup>, D. Damba<sup>1</sup>, C. Trapence<sup>1</sup>, J. Gumulira<sup>1</sup>, H. Tweya<sup>1,3</sup>, L. Chunda<sup>1</sup>,  
J. Ngoma<sup>1</sup>, P. Ganesh<sup>1,4</sup>, S. Phiri<sup>1,4,5</sup>, <sup>1</sup>Lilongwe (Malawi), <sup>2</sup>Munich, <sup>3</sup>Paris (France), <sup>4</sup>Seattle (United States), <sup>5</sup>Chapel Hill (United States)*
- P40 Expansion of HIV Testing in Eswatini: Factors Underpinning Success**  
*P. J. Kitchen<sup>1</sup>, L. Dube<sup>2</sup>, Z. Mnisi<sup>2</sup>, S. Dlamini-Nqeketo<sup>2</sup>, C. Johnson<sup>3</sup>, T. Bärnighausen<sup>1,4,5</sup>,  
J. W. De-Neve<sup>1</sup>, S. A. McMahon<sup>1,6</sup>, <sup>1</sup>Heidelberg, <sup>2</sup>Mbabane (Swaziland), <sup>3</sup>Geneva (Switzerland), <sup>4</sup>Mtubatuba (South Africa), <sup>5</sup>Boston (United States), <sup>6</sup>Baltimore (United States)*
- P41 Methoden zur Diagnose der Leberfibrose bei chronischer Hepatitis C - minimal invasives Verfahren**  
*A. Geibel, V. N. Kozko, O. Vinokurova, Kharkiv (Ukraine)*

## S10: Climate Change and Health / Environmental Health

- P42 Interdisciplinary Management of Alveolar Echinococcosis: Retrospective Analysis of 232 cases from 2011 to 2017**  
*J. Bloehdorn, K. Klein, J. Schmidberger, A. Hillenbrand, T. Graeter, M. Furitsch, T. F. Barth, A. Beer, D. Henne-Bruns, W. Kratzer, B. Grüner, Ulm*

## S11: Malaria and other Vector-borne Diseases

- P43 Leishmaniasis and the Cameroon paradox**  
*A. Krüger<sup>1</sup>, A. N. Tateng<sup>2</sup>, V. K. Payne<sup>2</sup>, O. B. Ngouateu<sup>3</sup>, O. D. Kirstein<sup>4</sup>, A. Warburg<sup>4</sup>,  
E. Stebut-Borschitz von<sup>5</sup>, M. Maurer<sup>6</sup>, B. Dondji<sup>7</sup>, <sup>1</sup>Hamburg, <sup>2</sup>Dschang (Cameroon), <sup>3</sup>Mokolo (Cameroon), <sup>4</sup>Jerusalem (Israel), <sup>5</sup>Cologne, <sup>6</sup>Berlin, <sup>7</sup>Ellensburg (United States)*

## Poster

- P44 Recurrence behaviour and relapse characteristics of Plasmodium ovale spp. in Gabon**  
*M. Groger<sup>1,2,3</sup>, L. Veletzky<sup>1,2</sup>, A. Lalremruata<sup>3</sup>, C. Cattaneo<sup>2</sup>, J. Mischlinger<sup>1,2,3</sup>, R. Manego Zoleko<sup>1,2</sup>,  
J. Kim<sup>2</sup>, A. Klicpera<sup>2</sup>, E. Meyer<sup>4</sup>, D. Blessborn<sup>5,6</sup>, M. Winterberg<sup>5,6</sup>, A. Adegnik<sup>1,2</sup>, S. Agnandji<sup>2</sup>,  
P. Kreamsner<sup>1,2,3</sup>, B. Mordmüller<sup>1,2,3</sup>, G. Mombo-Ngoma<sup>1,2</sup>, H.-P. Fuehrer<sup>4</sup>, M. Ramharter<sup>1,2</sup>,  
<sup>1</sup>Hamburg, <sup>2</sup>Lambaréné (Gabon), <sup>3</sup>Tübingen, <sup>4</sup>Vienna (Austria), <sup>5</sup>Oxford (United Kingdom), <sup>6</sup>Bangkok (Thailand)*
- P45 A common miRNA-146a polymorphism is associated with malaria in pregnancy**  
*W. van Loon<sup>1</sup>, P. P. Gai<sup>1</sup>, L. Hamann<sup>1</sup>, G. Bedu-Addo<sup>2</sup>, F. P. Mockenhaupt<sup>1</sup>, <sup>1</sup>Berlin, <sup>2</sup>Kumasi (Ghana)*
- P46 Effect of different albendazole-based treatment regimens on Loa loa microfilaraemia in an endemic region of Gabon: preliminary results of an open-label randomised controlled clinical trial**  
*R. Zoleko-Manego<sup>1,2,3</sup>, R. Kreuzmair<sup>2</sup>, G. Mombo-Ngoma<sup>1,2,3</sup>, M. Ramharter<sup>3,4</sup>,  
<sup>1</sup>Lambaréne (Gabon), <sup>2</sup>Tübingen, <sup>3</sup>Hamburg, <sup>4</sup>Lambaréne (Gabon)*
- P47 Epidemiologic Features of Imported Malaria in Serbia**  
*Z. Dakić, S. Jovanović, L. Lavadinović, J. Poluga, B. Jegorović, U. Karić, I. Gmizić, G. Stevanović, Belgrade (Serbia)*
- P48 Further evidence for a gradual dormancy concept in malaria**  
*G. Equihua Martínez<sup>1</sup>, L. Veletzky<sup>2</sup>, A. Lalremuata<sup>3</sup>, G. Franken<sup>4</sup>, M. Holtfreter<sup>4</sup>, S. Walter<sup>4</sup>,  
A. Labisch<sup>4</sup>, J. Richter<sup>1</sup>, <sup>1</sup>Berlin, <sup>2</sup>Hamburg, <sup>3</sup>Tübingen, <sup>4</sup>Düsseldorf*
- P49 Polymorphisms of the Duffy blood group antigens influence malaria in southern India**  
*P. Gai<sup>1</sup>, W. van Loon<sup>1</sup>, K. Siebert<sup>1</sup>, J. Wedam<sup>1</sup>, S. S. Kulkarni<sup>2</sup>, R. Rasalkar<sup>2</sup>, A. Boloor<sup>3</sup>,  
A. Kumar<sup>3</sup>, A. Jain<sup>3</sup>, C. Mahabala<sup>3</sup>, S. Baliga<sup>3</sup>, D. Shenoy<sup>3</sup>, R. Devi<sup>3</sup>, P. Gai<sup>2</sup>, F. Mockenhaupt<sup>1</sup>,  
<sup>1</sup>Berlin, <sup>2</sup>Dharwad (India), <sup>3</sup>Mangalore (India)*
- P50 Molecular markers of antimalarial drug resistance in Mangaluru, southern India**  
*C. Tacoli<sup>1</sup>, J. Wedam<sup>1</sup>, P. Gai<sup>1</sup>, K. Siebert<sup>1</sup>, S. S. Kulkarni<sup>2</sup>, R. Rasalkar<sup>2</sup>, A. Boloor<sup>3</sup>,  
A. Jain<sup>3</sup>, C. Mahabala<sup>3</sup>, S. Baliga<sup>3</sup>, D. Shenoy<sup>3</sup>, P. Gai<sup>2</sup>, R. Devi<sup>3</sup>, F. Mockenhaupt<sup>1</sup>, <sup>1</sup>Berlin, <sup>2</sup>Dharwad (India), <sup>3</sup>Mangalore (India)*
- P51 Granzyme B+ CD8+ T cells are associated with complicated malaria**  
*L. Kaminkis<sup>1</sup>, M. Riehn<sup>1</sup>, E. Owusu Dabo<sup>2</sup>, T. Jacobs<sup>1</sup>, M. Mackroth<sup>1</sup>, <sup>1</sup>Hamburg, <sup>2</sup>Kumasi (Ghana)*

## S12: Non-communicable Diseases & Health Systems

- P52 Non-Burkitt-type malignant tumors of the lower face in southern Malawi**  
*G. Pollach<sup>1</sup>, M. Prin<sup>2</sup>, F. Namboya<sup>1</sup>, T. Luiz<sup>3</sup>, C. Rothe<sup>4</sup>, K. Sharma<sup>1</sup>, <sup>1</sup>Blantyre (Malawi), <sup>2</sup>Lilongwe (Malawi), <sup>3</sup>Kaiserslautern, <sup>4</sup>Munich*

- P53** **Gesundheitliche Hilfe für geflüchtete Frauen und ihre Kinder - Grundlage für eine gelingende Integration. Einrichtung von „Zentralen Frühe Hilfen“**  
A. Windorfer, K. Windorfer, Hannover

### S13: Neglected Tropical Diseases

- P54** **Research for the Control of Neglected Tropical Diseases: a Systematic Assessment of the German Commitment**  
J. Brinkel<sup>1</sup>, A. Hoerauf<sup>2</sup>, C. Köhler<sup>3</sup>, M. Engstler<sup>4</sup>, J. May<sup>1</sup>, <sup>1</sup>Hamburg, <sup>2</sup>Bonn, <sup>3</sup>Berlin, <sup>4</sup>Würzburg
- P55** **Transjugular Intrahepatic Portosystemic Shunt (TIPS) for Primary and Secondary Prophylaxis of Variceal Bleeding in Hepatic Schistosomiasis**  
C. Kraef, J. Arand, S. Jordan, J. Galaski, J. Kluwe, A. W. Lohse, M. M. Addo, M. Ramharter, S. Schmiedel, Hamburg
- P56** **Immune activation in patients with filarial lymphedema before and after treatment with doxycycline**  
A. Feichtner<sup>1,2</sup>, I. Kroidl<sup>1,2</sup>, U. Mwingira<sup>3</sup>, A. Ngenya<sup>3</sup>, M. Demetrius<sup>3</sup>, G. Chotta<sup>4</sup>, L. Masagati<sup>3</sup>, S. Horn<sup>1</sup>, U. Klarmann-Schulz<sup>5,6</sup>, J. Kuehlwein<sup>5</sup>, A. Kellings<sup>5</sup>, M. Hoelscher<sup>1,2</sup>, A. Y. Debrah<sup>7</sup>, A. Hoerauf<sup>5,6</sup>, <sup>1</sup>Munich, <sup>2</sup>partner site Munich, <sup>3</sup>Dar es Salaam (Tanzania), <sup>4</sup>Lindi (Tanzania), <sup>5</sup>Bonn, <sup>6</sup>partner site Cologne/Bonn, <sup>7</sup>Kumasi (Ghana)
- P57** **Epidemiology and clinical characteristics of (neuro)cysticercosis patients in the EU/EEA: assessment of different data sources from 2000-2016**  
A. Abraham<sup>1,2</sup>, C. Cretu<sup>3</sup>, P. Chiadini<sup>4</sup>, G. Dekse<sup>5</sup>, B. Devleeschauwer<sup>6,7</sup>, A. Fonseca<sup>8</sup>, S. Gabriël<sup>7</sup>, M. Kaminski<sup>9</sup>, I. Kucsera<sup>10</sup>, R. De Meijere<sup>1</sup>, V. Schmidt<sup>1,2</sup>, D. Stelzle<sup>1</sup>, N. Walker<sup>4</sup>, L. Zammarchi<sup>11</sup>, A. S. Winkler<sup>1,2</sup>, <sup>1</sup>Munich, <sup>2</sup>Oslo (Norway), <sup>3</sup>Bucharest (Romania), <sup>4</sup>London (United Kingdom), <sup>5</sup>Riga (Latvia), <sup>6</sup>Brussels (Belgium), <sup>7</sup>Ghent (Belgium), <sup>8</sup>Lisbon (Portugal), <sup>9</sup>Berlin, <sup>10</sup>Budapest (Hungary), <sup>11</sup>Florence (Italy)
- P58** **Behavioural and clinical predictors for Loiasis**  
J. Mischlinger<sup>1,2,3,4</sup>, L. Veletzky<sup>1,2</sup>, G. B. Tazemda-Kuitsouc<sup>5</sup>, P. Pitzinger<sup>2,3</sup>, P. B. Matsegui<sup>2,4,5</sup>, M. Gmeiner<sup>2,4</sup>, H. Lagler<sup>3</sup>, T. Gebru<sup>2,4</sup>, J. Held<sup>2,4</sup>, B. Mordmüller<sup>2,4</sup>, M. Ramharter<sup>1</sup>, <sup>1</sup>Hamburg, <sup>2</sup>Lambaréné (Gabon), <sup>3</sup>Vienna (Austria), <sup>4</sup>Tübingen, <sup>5</sup>Fougamou (Gabon)
- P59** **Diagnosis of Ascaris lumbricoides: comparison of wet mount microscopy, mini-FLOTAC and PCR**  
P. P. Gai<sup>1</sup>, K. Fraundorfer<sup>1</sup>, J. C. Mugisha<sup>2</sup>, K. C. Sifft<sup>1</sup>, D. Geus<sup>1</sup>, F. Habarugira<sup>2</sup>, C. Bayingana<sup>2</sup>, J. Ndoli<sup>2</sup>, A. Sendegeya<sup>2</sup>, J. Krücken<sup>1</sup>, J. B. Gahutu<sup>2</sup>, L. Rinaldi<sup>3</sup>, G. Gringoli<sup>3</sup>, F. Mockenhaupt<sup>1</sup>, <sup>1</sup>Berlin, <sup>2</sup>Butare (Rwanda), <sup>3</sup>Naples (Italy)
- P60** **Helminth infection during pregnancy alters immune responses at the fetomaternal interface**  
E. Ludwig<sup>1</sup>, J. Hader<sup>1</sup>, S. Lobmaier<sup>1</sup>, A. A. Adegnika<sup>2</sup>, C. Prazeres da Costa<sup>1</sup>, <sup>1</sup>München, <sup>2</sup>Lambaréne (Gabon)

- P61** **Modulation of innate and adaptive immune responses by parasitic secretions of Taenia solium cysticerci**  
F. U. Prod'jinotho<sup>1</sup>, V. Schmidt<sup>1</sup>, C. Sikasunge<sup>2</sup>, A. Winkler<sup>1,3</sup>, C. da Costa<sup>1</sup>, <sup>1</sup>Munich, <sup>2</sup>Lusaka (Zambia), <sup>3</sup>Oslo (Norway)
- P62** **Development of molecular diagnostic method for soil-transmitted helminthiasis: Epidemiological implications for disease control**  
P. Fogue, C. Kamdem, G. Simo, Dschang (Cameroon)
- P63** **Cystic echinococcosis: degeneration of protoscolices under subsequently combined albendazole-praziquantel therapy in vivo**  
J. Richter, A. K. Lindner, G. Equihua Martinez, K. Müller, M. Niebank, D. Schürmann, F. Pfäfflin, F. Kurth, M. Gertler, C. Isner, Berlin
- P64** **Pre-clinical development of Corallopyronin A, an antibiotic with activity against filarial nematodes, STIs and Staphylococci**  
K. Pfarr<sup>1</sup>, A. Schiefer<sup>1</sup>, A. Krome<sup>1</sup>, S. Kehraus<sup>1</sup>, S. Hüttel<sup>2</sup>, R. Jansen<sup>2</sup>, L. Chaverra-Munoz<sup>2</sup>, D. Pogorevc<sup>3</sup>, G. M. König<sup>1</sup>, C. Keller<sup>4</sup>, J. Rupp<sup>5</sup>, M. P. Hübner<sup>1</sup>, R. Müller<sup>3</sup>, K. Wagner<sup>1</sup>, T. Hestekamp<sup>2</sup>, M. Stadler<sup>2</sup>, A. Hoerauf<sup>1</sup>, <sup>1</sup>Bonn, <sup>2</sup>Braunschweig, <sup>3</sup>Saarland, <sup>4</sup>Marburg, <sup>5</sup>Lübeck
- P65** **“Test and Treat” with Doxycycline or Ivermectin plus Diethylcarbamazine plus Albendazole as tools for the elimination of lymphatic filariasis**  
J. M. Kuehlwein<sup>1</sup>, A. Y. Debrah<sup>2</sup>, L. Batsa Debrah<sup>2</sup>, K. Pfarr<sup>1</sup>, J. Osei-Mensah<sup>2</sup>, U. Klarmann-Schulz<sup>1</sup>, A. Hoerauf<sup>1</sup>, <sup>1</sup>Bonn, <sup>2</sup>Kumasi (Ghana)
- P66** **Modulation of allergy and vaccine responses through maternal S. mansoni infection**  
M. Lacorcía, S. Bhattacharjee, K. Laubhahn, K. Klar, C. Prazeres da Costa, Munich
- P67** **The TAKEOFF (“Tackling the Obstacles to Fight Filariasis and Podoconiosis”) consortium**  
U. Klarmann-Schulz<sup>1</sup>, U. Mwingira<sup>2</sup>, S. Wanji<sup>3</sup>, I. Kroidl<sup>4</sup>, L. Batsa Debrah<sup>5</sup>, A. Ngenya<sup>2</sup>, J. A. Njouendou<sup>3</sup>, J. Osei-Mensah<sup>5</sup>, J. M. Kuehlwein<sup>1</sup>, A. Hoerauf<sup>1</sup>, A. Y. Debrah<sup>5</sup>, <sup>1</sup>Bonn, <sup>2</sup>Dar es Salaam (Tanzania), <sup>3</sup>Buea (Cameroon), <sup>4</sup>Munich, <sup>5</sup>Kumasi (Ghana)
- P68** **Detection of Histoplasma DNA from pathology blocks by specific and broadrange qPCR**  
D. Wilmes, I. McCormick-Smith, H. Losert, V. Rickerts, Berlin
- P69** **The addition of albendazole to ivermectin does not reduce female worm fertility in onchocerciasis**  
U. Klarmann-Schulz<sup>1</sup>, L. Batsa Debrah<sup>2</sup>, J. Osei-Mensah<sup>2</sup>, B. Dubben<sup>1</sup>, K. Fischer<sup>3</sup>, Y. Mubarik<sup>2</sup>, A. Ricchiuto<sup>1</sup>, R. Fimmers<sup>1</sup>, G. Weil<sup>3</sup>, J. W. Kazura<sup>4</sup>, C. L. King<sup>4</sup>, A. Y. Debrah<sup>2</sup>, A. Hoerauf<sup>1</sup>, <sup>1</sup>Bonn, <sup>2</sup>Kumasi (Ghana), <sup>3</sup>St. Louis (United States), <sup>4</sup>Cleveland (United States)



## Poster

- P70 Seroprevalence and Risk Factors of Human Cysticercosis in Mocuba District, Central Mozambique: A pilot study**  
*I. Langa<sup>1</sup>, F. Padama<sup>2</sup>, A. Pondja<sup>1</sup>, H. Carabin<sup>3</sup>, I. Chirime<sup>1</sup>, N. Nhancupe<sup>1</sup>, L. Banze<sup>1</sup>, L. Gouveia<sup>1</sup>, C. Da Costa<sup>4</sup>, V. Schmidt<sup>4</sup>, A. Winkler<sup>4,5,6</sup>, E. Noormahomed<sup>1,7</sup>, <sup>1</sup>Maputo (Mozambique), <sup>2</sup>Quelimane (Mozambique), <sup>3</sup>Montreal (Canada), <sup>4</sup>Munich, <sup>5</sup>Morogoro (Tanzania), <sup>6</sup>Oslo, Norway, <sup>7</sup>San Diego (United States)*
- P71 The German-African Projects MAP2CO/MAP-TB and TAKeOFF – Avenue to target the sustainable developmental goals (SGDs) raised by the WHO**  
*M. Ritter<sup>1</sup>, W. P. Chounna Ndongmo<sup>2</sup>, A. J. Njouendou<sup>2</sup>, J. Kühlwein<sup>1</sup>, A. Kellings<sup>1</sup>, L. E. Layland<sup>1</sup>, U. Klarmann-Schulz<sup>1</sup>, S. Wanji<sup>2</sup>, A. Hoerauf<sup>1</sup>, <sup>1</sup>Bonn, <sup>2</sup>Buea (Cameroon)*

### FG1: Tropengynäkologie

- P72 Barriers to facility-based delivery in post-Ebola Sierra Leone**  
*S. Theuring<sup>1</sup>, A. P. Koroma<sup>2</sup>, G. Harms<sup>1</sup>, <sup>1</sup>Berlin, <sup>2</sup>Freetown (Sierra Leone)*

### FG2: Tropenpädiatrie

- P73 Prospective case-control study in African children: Is the number of stool pathogens associated with acute diarrhea?**  
*M. Heinemann<sup>1</sup>, C. Strauchs<sup>1</sup>, M. Luetgehetmann<sup>1</sup>, E.-M. Klupp<sup>1</sup>, E. Owusu-Dabo<sup>2</sup>, T. Rolling<sup>1</sup>, J. P. Cramer<sup>1</sup>, C. D. Vinnemeier<sup>1</sup>, <sup>1</sup>Hamburg, <sup>2</sup>Kumasi (Ghana)*
- P74 Interjections of pain: are they biological pre-linguistic or cultural?**  
*J. Richter<sup>1</sup>, G. Equihua Martinez<sup>1</sup>, H. Geisler<sup>2</sup>, <sup>1</sup>Berlin, <sup>2</sup>Düsseldorf*
- P75 Intravenous Artesunate for Imported Severe Malaria in Children treated in Four Tertiary Care Centers in Germany: a retrospective study**  
*S. Bêlard<sup>1</sup>, J. Brand<sup>1</sup>, U. Schulze-Sturm<sup>2</sup>, A. Janda<sup>3</sup>, U. von Both<sup>4</sup>, C. Tacoli<sup>1</sup>, M. Alberer<sup>4</sup>, C. Kempf<sup>1</sup>, M. S. Stegemann<sup>1</sup>, R. Krüger<sup>1</sup>, V. Varnholt<sup>1</sup>, M. Blohm<sup>2</sup>, K. Reiter<sup>4</sup>, T. Zoller<sup>1</sup>, N. Suttorp<sup>1</sup>, M. Mall<sup>1</sup>, H. von Bernuth<sup>1</sup>, A. Gratopp<sup>1</sup>, J. Hübner<sup>4</sup>, M. Hufnagel<sup>3</sup>, R. Kobbé<sup>2</sup>, F. Kurth<sup>1</sup>, <sup>1</sup>Berlin, <sup>2</sup>Hamburg, <sup>3</sup>Freiburg im Breisgau, <sup>4</sup>Munich*
- P76 Spektrum Der Gesundheitsprobleme Minderjähriger Flüchtlinge Und Asylbewerber Im Raum München**  
*C. Großhauer<sup>1</sup>, M. Wendeborn<sup>1</sup>, A. Jansson<sup>1</sup>, J. Hübner<sup>1</sup>, M. Alberer<sup>1</sup>, U. von Both<sup>1</sup>, Munich*

### FG3: Tropendermatologie

- P77 Liposomal amphotericin B for the treatment of old world CUTANEOUS LEISHMANIASIS in children. A case series.**  
*D. Dewasurendra<sup>1</sup>, D. Meraner<sup>1</sup>, G. Ratzinger<sup>1</sup>, M. Kitchen<sup>1</sup>, Innsbruck (Austria)*

## Poster

### Clinical Tropical Medicine

- P78 Transjugular Intrahepatic Portosystemic Shunt (TIPS) for Hepatic Schistosomiasis**  
*C. Kraef, J. Kluwe, J. Galaski, J. Arand, M. Addo, M. Ramharter, S. Jordan, A. W. Lohse, S. Schmiedel, Hamburg*
- P79 Tropenmediziner in der Bundeswehr – Zwischen Einsatzrealität und Präventivmedizin**  
*C. Rothmund, Hamburg*
- P80 When Rare Meets Seldom - Unusual Complication in the Therapy of an Uncommon Disease**  
*J. Jochum, A. Hennigs, S. Jordan, S. Schmiedel, M. Ramharter, Hamburg*
- P81 Strongyloides stercoralis Hyperinfection Syndrome Presenting as „Mechanical“ Ileus After a Short Course of Oral Steroids for Chronic Obstructive Lung Disease (COPD) Exacerbation**  
*J. Katchanov<sup>1</sup>, J. Schneider<sup>1</sup>, C. Spinner<sup>1</sup>, V. Philipp<sup>1</sup>, D. Tappe<sup>2</sup>, R. Braren<sup>1</sup>, R. M. Schmid<sup>1</sup>, J. Slotta-Huspenina<sup>1</sup>, <sup>1</sup>Munich, <sup>2</sup>Hamburg*
- P82 The impact of traditional herbal medicine on the prevalence of bacterial and fungal pathogens in chronic wound infections in rural Ghana**  
*M. Monnheimer<sup>1</sup>, P. Cooper<sup>2</sup>, T. Pellio<sup>2</sup>, M. Schulze<sup>1</sup>, U. Groß<sup>1</sup>, <sup>1</sup>Göttingen, <sup>2</sup>Eikwe (Ghana)*
- P83 A Live Worm Emerging from the Eyelid**  
*A. K. Lindner<sup>1</sup>, D. Tappe<sup>2</sup>, M. Gertler<sup>1</sup>, G. Equihua Martinez<sup>1</sup>, J. Richter<sup>1</sup>, <sup>1</sup>Berlin, <sup>2</sup>Hamburg*
- P84 Successful use of Quinacrine in five patients with treatment-refractory Giardiasis, Berlin 2017/18**  
*M. Gertler, A. Lindner, K. Müller, G. Equihua-Martinez, I. Trebesch, J. Richter, Berlin*
- P85 Proposed improvements of the WHO ultrasound protocol to assess schistosomiasis associated morbidity**  
*J. Richter, Berlin*
- P86 Chronic oral ulceration and lip swelling after a long term stay in Guatemala: A diagnostic challenge**  
*A. K. Lindner, V. Rickerts, F. Kurth, D. Wilmes, J. Richter, Berlin*
- P87 The use of medical Point of Care Ultrasound (POCUS) in inpatients in Queen Elizabeth Central Hospital, Blantyre, Malawi.**  
*D. Dula<sup>1</sup>, F. Limani<sup>1</sup>, A. Keeley<sup>2</sup>, V. Nnesa<sup>1</sup>, S. Jordan<sup>3</sup>, J. Mallewa<sup>1</sup>, L. Gadama<sup>1</sup>, E. Joekes<sup>4</sup>, B. Kreuels<sup>1,3</sup>, <sup>1</sup>Blantyre (Malawi), <sup>2</sup>Sheffield (United Kingdom), <sup>3</sup>Hamburg, <sup>4</sup>Liverpool (United Kingdom)*

## Poster

**P88 Training in Point of Care Ultrasound at Queen Elizabeth Central Hospital in Blantyre, Malawi – an ESTHER-Project**

*B. Kreuels<sup>1,2</sup>, S. Jordan<sup>1</sup>, D. Dula<sup>2</sup>, F. Limani<sup>2</sup>, J. Jochum<sup>1</sup>, T. Heller<sup>3</sup>, J. Mallewa<sup>2</sup>,  
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**P89 Increased liver enzymes after Ayurvedic therapy**

*K. Müller, G. Equihua Martinez, J. Richter, Berlin*

## Travel Medicine

**P90 Returning Travelers in an interdisciplinary Emergency Department of a Tertiary Referral Center (University Hospital Bonn): Experiences with Manchester Triage System and correlation with recent reports on emerging infections and outbreaks**

*S. Schlabe, C. Boesecke, C. Schwarze-Zander, I. Reiter-Owona, P. Glien,  
A.-M. Eis-Hübinger, E. Molitor, A. Hörauf, J. K. Rockstroh, I. Gräff, J.-C. Wasmuth, Bonn*

**P91 Autochthonous human brucellosis in non-endemic Germany: Are travel and migration the only drivers?**

*W. Jansen<sup>1</sup>, M. Noll<sup>2,3</sup>, K. Nöckler<sup>3</sup>, S. Al Dahouk<sup>3,4</sup>, <sup>1</sup>Namur, Belgium, <sup>2</sup>Coburg, <sup>3</sup>Berlin,  
<sup>4</sup>Aachen*

**P92 Verfügbarkeit der Impfungen gegen Influenza und Tollwut für die Reisemedizin: Tübinger Erfahrungen 2017**

*A. Rüdiger, B. Eder, A. Bissinger, P. Kremsner, C. Köhler, Tübingen*

**P93 Incidence of MRSA among travelers (MRE-Trav)**

*T. Koch<sup>1,2</sup>, D. T. Tran<sup>1,2</sup>, M. Ramharter<sup>1,2</sup>, M. M. Addo<sup>1,2</sup>, T. Rolling<sup>1,2</sup>, C. Vinnemeier<sup>1,2</sup>,  
<sup>1</sup>Hamburg, <sup>2</sup>Hamburg-Lübeck-Borstel-Riems*

**P94 Making the case for tinidazole as first-line treatment in giardiasis - experiences from a small Tropical Medicine Department in Germany**

*T. Braasch, B. Foroutan, Berlin*

## Junge DTG / Junge Parasitologen

**P95 *Trichomonas vaginalis* lysosomes - a study on a protist stomach**

*N. Zimmann, P. Rada, I. Hrdý, J. Tachezy, Vestec (Czech Republic)*

**P96 Sandfly dispersal in Central Europe: is temperature really critical?**

*E. Kniha, A. Obwaller, W. Pöpl, G. Mooseder, J. Walochnik, Vienna (Austria)*

**P96 Zoonotic pathogens in ticks from migratory birds, Italy**

*E. Battisti<sup>1</sup>, K. Urach<sup>2</sup>, A. Hodžić<sup>2</sup>, L. Fusani<sup>2</sup>, P. Hufnagel<sup>2</sup>, G. Felsberger<sup>2</sup>, E. Ferroglio<sup>1</sup>, G. G. Duscher<sup>2</sup>, <sup>1</sup>Grugliasco (Italy), <sup>2</sup>Vienna (Austria)*

## Speakers, Chairs and Authors

### Legend

C = Chair  
FG = Fachgesellschaft  
HA = Humanitarian Aid  
P = Poster  
RU = Reisemedizin Update  
S = Symposium  
T = Talk  
TU = Tropenmedizin Update

### A

**Aarnoutse**, Rob, Nijmegen P22  
**Abdissa**, Sileshi, Asella S7-3, P10, P26, P28, P29  
**Abraham**, Annette, Munich P57  
**Abubakar**, Ibrahim, London S4-1  
**Achim**, Kaasch, Düsseldorf P27, P28  
**Addo**, Marylyn M., Hamburg CS-3, P55, P78, P93  
**Adegnika**, Akim, Lambaréné S3-1  
**Adegnika**, Ayola, Lambaréné S11-3, S11-4, S13-2, S13-3, P31, P44, P60  
**Adrian**, Ciurea, Zurich S8-1  
**Adu-Sarkodie**, Yaw, Kumasi S7-4  
**Agabaria**, Nisreen, Heidelberg P7  
**Agardh**, Anette, Lund S4-1  
**Agbanrin**, Maradona, Lambaréné P31  
**Agnandji**, Selidji, Lambaréné S11-3, S13-2, P44

**Ahmed**, Mohamed, Munich P35, P17, P21  
**Al Dahouk**, Sascha, Aachen T-55, P91  
**Alabi**, Abraham, Lambaréné P31  
**Alberer**, Martin, Munich P75, P76  
**Aldrich**, Cassandra, Munich S7-4  
**Alloyce**, Julius, Moshi S2-2  
**Amuasi**, John, Kumasi S3-1  
**Anderson**, Jared, Munich P36  
**Andrä**, Immanuel, Munich P21  
**André**, Fuchs, Düsseldorf P27, P28  
**Anisuzzaman**, Anisuzzaman, Munich S13-1  
**Anwar**, Mohamed, Edinburgh S12-1  
**Arand**, Jonas, Hamburg P55, P78  
**Ashrafian**, Hutan, London S4-1  
**Askani**, Esther, Tübingen S13-2

**Assefa**, Yibeltal, Brisbane P16  
**Avenant Oldewage**, Annemarie, Johannesburg FG4-7  
**Avsar**, Korkut, München P23

### B

**Babaye**, Yusuf, Seattle S1-4  
**Bagchi**, Shashwatee, Maryland S12-1  
**Bakari**, Muhammad, Dar es Salaam P35  
**Bakhtari**, Azizollah, Isfahan P32  
**Bakuli**, Abhishek, Munich S14-3, P20  
**Baliga**, Shantaram, Mangalore P49, P50  
**Banze**, Lucas, Maputo P70  
**Bärnighausen**, Till, Heidelberg CS-4, T-17, S4-1, P40  
**Barth**, Thomas F., Ulm P42  
**Bashir**, Sophia, Edinburgh S12-1  
**Batsa Debrah**, Linda, Kumasi S13-4, P65, P67, P69  
**Battisti**, Elena, Turi S10-3, FG4-5  
**Bauer**, Asli, Mbeya P35  
**Bauer**, David, Munich P18  
**Bausch**, Daniel, London T-62  
**Bayingana**, Claude, Butare P59  
**Becker**, Stephan, Marburg C-S3  
**Becker**, Soeren, Homburg/Saar S1-1, P1  
**Bedu-Addo**, George, Kumasi P45  
**Beer**, Martin, Greifswald T-9  
**Beer**, Ambros, Ulm P42  
**Behrends**, Uta, Munich P23  
**Beiersmann**, Claudia, Heidelberg S4-2  
**Beissner**, Marcus, Munich S1-2  
**Bélard**, Sabine, Berlin C-S7, T-32, T-33, P19, P38, P75  
**Beltrán**, Eduardo, Munich P21  
**Berhanu**, Rebecca, Chapel Hill P15  
**Berhe**, Nega, Addis Ababa P30, P37  
**Berner-Rodoreda**, Astrid, Heidelberg S4-1  
**Bhattacharjee**, Sonakshi, Munich P66  
**Bilbe**, Graeme, Geneva T-68  
**Bing**, Rong, Edinburgh S12-1  
**Bingoulou**, Gédéon, Lambaréné P31  
**Bissinger**, Alfred, Tübingen FG5-2, P92  
**Bixler**, Sandra, Bethesda S9-1  
**Blach**, Sarah, Louisville S12-1

## Speakers, Chairs and Authors

<b>Blessborn</b> , Daniel, Oxford	P44	<b>Chaverra-Munoz</b> , Lillibeth, Braunschweig	P64
<b>Bloehdorn</b> , Johannes, Ulm	P9, P42	<b>Chibunda</b> , Francisco, Mwanza	S2-3
<b>Blohm</b> , Martin, Hamburg	P75	<b>Chikumbanje</b> , Stella, Blantyre	S3-4
<b>Bloomfield</b> , Gerald S, Durham	S12-1	<b>Chiodini</b> , Peter, London	P57
<b>Boecken</b> , Gerhard, Berlin		<b>Chirrime</b> , Iva, Maputo	P70
<b>Boehme</b> , Catharina, Geneva	S7-1	<b>Chotta</b> , Godfrey, Lindi	P56
<b>Boeree</b> , Martin, Nijmegen	P22	<b>Chounna</b> Ndongmo, Winston Patrick, Buea	P71
<b>Boesecke</b> , Christoph, Bonn	P90	<b>Chunda</b> , Lillian, Lilongwe	S9-4, P39
<b>Bogdan</b> , Christian, Erlangen	T-53	<b>Chung</b> , Michael H, Nairobi	S12-1
<b>Böhm</b> , Stephan, Munich	S3-3	<b>Churchyard</b> , Gavin, Johannesburg	P20
<b>Boigenzahn</b> , Stefanie, Vienna	S10-3	<b>Cobelens</b> , Frank, Amsterdam	S4-1
<b>Böll</b> , Simone Lisa, Wien	FG5-1	<b>Codecasa</b> , Luigi R., Milan	P24
<b>Boloor</b> , Archith, Mangalore	P49, P50	<b>Colin</b> , Mackenzie, Düsseldorf	P27, P28
<b>Borchert</b> , Matthias, Berlin	S8-4	<b>Cooper</b> , Paul, Eikwe	P82
<b>Borrmann</b> , Steffen, Tübingen	P31	<b>Cope</b> , Alethea C, London	P35
<b>Böse O'Reilly</b> , Stephan, Munich	C-S10	<b>Coulibaly</b> , Bourama, Bamako	S12-3
<b>Botelho</b> , Monica, Porto	P13	<b>Cramer</b> , Jakob P., Hamburg	P73
<b>Braasch</b> , Trixi, Berlin	P94	<b>Cretu</b> , Carmen, Bucharest	P57
<b>Brand</b> , Judith, Berlin	P75		
<b>Braren</b> , Rickmer, Munich	P81	<b>D</b>	
<b>Bräutigam</b> , Malte, Eichstätt	T-52	<b>da Costa</b> , Clarissa, Munich	P61, P70
<b>Brehm</b> , Thomas, Hamburg	S10-4	<b>Dadi</b> , Zewdu Hurissa, Asella	P29
<b>Bretzel</b> , Gisela, Munich	S1-2	<b>Dakić</b> , Zorica, Belgrade	P47
<b>Brinkel</b> , Johanna, Hamburg	P54	<b>Dallman</b> , Timothy, London	S7-4
<b>Brockmeyer</b> , Norbert, Bochum	S8-2	<b>Damba</b> , Douglas, Lilongwe	S9-4, P39
<b>Broger</b> , Tobias, Geneva	S7-1	<b>De Meijere</b> , Robert, Munich	P57
<b>Brückner</b> , Sina, Tübingen	S13-2	<b>De Neve</b> , Jan-Walter, Heidelberg	S4-2, P40
<b>Brügge</b> , Bernd, Munich	S1-3	<b>Debrah</b> , Alexander Y., Kumasi	S13-4, P56, P65, P67, P69
<b>Budke</b> , Christine, Texas	S13-3	<b>Deckert</b> , Andreas, Heidelberg	P7
<b>Bühler</b> , Silja, Hamburg	S8-1, P34	<b>Deksne</b> , Gunita, Riga	P57
<b>Burchard</b> , Gerd, Hamburg	T-14, T-64	<b>Delamou</b> , Alexandre, Conakry	S8-4
<b>Burkhard</b> , Jennifer, Zurich	S8-1	<b>Demetrius</b> , Max, Dar es Salaam	P56
<b>Buschbeck</b> , Judith, Munich	P17	<b>Demmer</b> , Wolfram, Essen	T-59
<b>C</b>		<b>Denkinger</b> , Claudia, Heidelberg	S7-1
<b>Caccio</b> , Simone, Rome	S3-1	<b>Devi</b> , Rajeshwari, Mangalore	P49, P50
<b>Campisi</b> , Daniela, Milan	P24	<b>Devleeschauwer</b> , Brecht, Brussels	P57
<b>Carabin</b> , Hélène, Montreal	P70	<b>Dewasurendra</b> , Diyani, Innsbruck	P77
<b>Casamitjana</b> , Núria, Barcelona	S4-1	<b>Diacon</b> , Andreas, Cape Town	P22
<b>Castellotti</b> , Paola F., Milan	P24	<b>Dieter</b> , Häussinger, Düsseldorf	P27, P28
<b>Cattaneo</b> , Chiara, Lambaréné	P44	<b>Dlamini-Nqeketo</b> , Sithembile, Mbabane	P40
<b>Chakraborty</b> , Sarbani, Bichl	C-S12	<b>Dobler</b> , Gerhard, Munich	S2-1
<b>Charalambous</b> , Salome, Johannesburg	P20	<b>Dondji</b> , Blaise, Ellensburg	P43
<b>Chaulagain</b> , Madhav, Kathmandu	S12-4	<b>Dreisbach</b> , Julia, Munich	S7-2

## Speakers, Chairs and Authors

<b>Dreyer</b> , Gavin, London	C-S12, T-26	<b>Fingerle</b> , Volker, Oberschleissheim	S2-1, P5
<b>Dröge</b> , Carola, Düsseldorf	FG4-2	<b>Finkbeiner</b> , Thomas, Berlin	T-4
<b>du Toit</b> , Elloise, Cape Town	S7-1	<b>Fischer</b> , Kerstin, St. Louis	P69
<b>Duali</b> , Mohammed, Lambaréné	S13-2	<b>Flahault</b> , Antoine, Geneva	S4-1
<b>Dubben</b> , Bettina, Bonn	P69	<b>Flügge</b> , Judith, Tübingen	S13-2
<b>Dube</b> , Lenhle, Mbabane	P40	<b>Fogue</b> , Pythagore, Dschang	P62
<b>Dula</b> , Dingase, Blantyre	P87, P88	<b>Fonseca</b> , Ana, Lisbon	P57
<b>Dupke</b> , Susann, Berlin	S8-4	<b>Foroutan</b> , Behruz, Berlin	P94
<b>Duscher</b> , Georg, Vienna	S10-3, FG4-5	<b>Fozouni</b> , Laila, San Francisco	P11
<b>E</b>		<b>Frahm</b> , Sören, Munich	S13-1
<b>Eberle</b> , Josef, Munich	S3-3	<b>France</b> , John, Mbeya	S12-2
<b>Ebner</b> , Katharina, Asella	FG4-2	<b>Franken</b> , Gabriele, Düsseldorf	P48
<b>Eder</b> , Bianca, Tübingen	FG5-2, P92	<b>Fraundorfer</b> , Kira, Berlin	P59
<b>Egensperger</b> , Rupert, Munich	S3-3	<b>Fröschl</b> , Günter, Munich	C-HA, S4-1
<b>Eibach</b> , Daniel, Hamburg	S3-1, S7-4	<b>Früh</b> , Jonas, Asella	S7-3, FG4-2, P26, P29
<b>Eis-Hübinger</b> , Anna-Maria, Bonn	P90	<b>Fuchs</b> , André, Asella	FG4-2, P26, P29, P30, P37
<b>Eisenmann</b> , Anna, Vienna	S11-1	<b>Fuchs</b> , Andre, Düsseldorf	S7-3, P10
<b>Elsner</b> , Peter, Jena	T-49	<b>Fuehrer</b> , Hans-Peter, Vienna	C-FG4S11-1, FG4-8, P44
<b>Endriss</b> , Yvette, Basel	S1-1	<b>Furitsch</b> , Martina, Ulm	P42
<b>Engstler</b> , Markus, Würzburg	P54	<b>Furrer</b> , Hans-Jakob, Berne	P34
<b>Eperon</b> , Gilles, Geneva	P34	<b>Fusani</b> , Leonida, Vienna	FG4-5
<b>Equihua Martinez</b> , Gabriela, Berlin	S14-4, P12, P48, P63, P74, P83, P84, P89	<b>Fuß</b> , Antje, Würzburg	WS2
<b>Eriksson Baaz</b> , Maria, Uppsala		<b>Fuss</b> , Antje, Würzburg	S14-2
<b>Esen</b> , Meral, Tübingen	S13-2	<b>Fux</b> , Christoph, Aarau	P34
<b>Esmann</b> , Lars, Berlin	S14-4	<b>G</b>	
<b>Evans</b> , Denise, Johannesburg	P15	<b>Gabay</b> , Cem, Geneva	S8-1
<b>F</b>		<b>Gabriël</b> , Sarah, Ghent	P57
<b>Faccini</b> , Marino, Milan	P24	<b>Gabrysch</b> , Sabine, Heidelberg	T-22
<b>Fahafahantsoa Rapelerano</b> , Rabenja, Antananarivo	S8-4	<b>Gadama</b> , Luis, Blantyre	P87
<b>Feasey</b> , Nicholas, Liverpool	S7-4	<b>Gahutu</b> , Jean Bosco, Butare	P59
<b>Feichtner</b> , Anja, Munich	P56	<b>Gai</b> , Prabhanjan, Berlin	P45, P49, P50, P59
<b>Feldt</b> , Torsten, Asella	S7-3, FG4-2, P10, P26, P29, P30, P37	<b>Gai</b> , Pramod, Dharwad	P49, P50
<b>Felsberger</b> , Gerit, Vienna	FG4-5	<b>Galaski</b> , Johanna, Hamburg	P55, P78
<b>Ferko</b> , Marina, Munich	P23	<b>Ganesh</b> , Prakash, Lilongwe	S1-4, S9-4, P38, P39
<b>Fernandes</b> , Jose, Tübingen	S11-4	<b>Gautier</b> , Lara, Montreal	S4-2
<b>Ferrarese</b> , Maurizio, Milan	P24	<b>Gavanji</b> , Jahangir, Isfahan	P32
<b>Ferroglio</b> , Ezio, Grugliasco	FG4-5	<b>Gebru</b> , Tamirat, Lambaréné	P58
<b>Feucherolles</b> , Maureen, Homburg	S1-1	<b>Geffert</b> , Karin, Munich	S4-3
<b>Fimmers</b> , Rolf, Bonn	P69	<b>Geibel</b> , Anastasia, Kharkiv	P41
		<b>Geiselhart</b> , Hans Peter, Stuttgart	T-57
		<b>Geisenberger</b> , Otto, Munich	S9-2, S12-2
		<b>Geisler</b> , Hans, Düsseldorf	P74

## Speakers, Chairs and Authors

<b>Gelaw</b> , Yalemzewod, Brisbane	P16	<b>Hailesslassie</b> , Aregawi, Mekelle	S8-2
<b>Geldmacher</b> , Christof, Munich	S12-2, S13-4, P17, P21, P23, P35, P36	<b>Haisch</b> , Christoph, Munich	P18
<b>George</b> , Jeffy, Bethesda	S3-2, S9-1	<b>Hamann</b> , Lutz, Berlin	P45
<b>Georgi</b> , Susanne, Berlin	S14-4	<b>Hans Martin</b> , Orth, Düsseldorf	P28
<b>Gertler</b> , Maximilian, Berlin	S8-3, S14-4, P12, P63, P83, P84	<b>Hansen</b> , Julia, Munich	P21
<b>Gessesse</b> , Zekarias, Mekelle	S8-2	<b>Harms</b> , Gundel, Berlin	P72
<b>Geus</b> , Dominik, Berlin	P59	<b>Hartman</b> , Hassan, Colindale, London	S7-4
<b>Gies</b> , Sabine, Würzburg	S8-3	<b>Hasler</b> , Paul, Aarau	S8-1
<b>Glasmeyer</b> , Laura, Munich	S12-2	<b>Hatz</b> , Christoph, Zurich	S8-1, P34
<b>Glien</b> , Procula, Bonn	P90	<b>Häussinger</b> , Dieter, Asella	S7-3, FG4-2, P10, P26, P29, P30, P37
<b>Gmeiner</b> , Markus, Tübingen	P58	<b>Havemann</b> , Matthias, Marburg	T-11
<b>Gmizić</b> , Ivana, Belgrade	P47	<b>Hayden</b> , Oliver, Munich	T-5
<b>Gothard</b> , Philipp, London	T-12	<b>Heinemann</b> , Melina, Hamburg	P73
<b>Gouleu</b> , Christiane, Lambaréné	P31	<b>Heinrich</b> , Norbert, Munich	S2-1, S7-2, P17, P21, P22, P23
<b>Gouveia</b> , Lídia, Maputo	P70	<b>Held</b> , Jana, Lambaréné	P58, S11-4
<b>Graeter</b> , Tilmann, Ulm	P42	<b>Held</b> , Kathrin, Munich	S12-2, P21, P35, P36
<b>Gräff</b> , Ingo, Bonn	P90	<b>Heller</b> , Tom, Lilongwe	T-3, T-23, S1-4, S9-4, P38, P39, P88
<b>Grath</b> , Tanja, Munich	S4-3	<b>Henke</b> , Antje, Moshi	S2-2
<b>Gratopp</b> , Alexander, Berlin	P75	<b>Henke</b> , Oliver, Moshi	S2-2
<b>Gregerson</b> , Ryan, Salt Lake City	P6	<b>Henne-Bruns</b> , Doris, Ulm	P42
<b>Gringoli</b> , Giuseppe, Naples	P59	<b>Hennigs</b> , Annette, Hamburg	P80
<b>Grobusch</b> , Martin Peter, Amsterdam	C-57, C-TU, T-66, S11-4	<b>Hergeth</b> , Jennifer, Lambaréné	S13-3
<b>Groger</b> , Mirjam, Hamburg	S11-3, P44	<b>Hermosilla</b> , Carlos, Giessen	S1-1
<b>Groß</b> , Uwe, Göttingen	P82	<b>Hesterkamp</b> , Thomas, Braunschweig	P64
<b>Grosse Frie</b> , Kirstin, Eschborn	S12-3	<b>Higgs</b> , Stephen, Manhattan	S3-2
<b>Großhauser</b> , Christoph, Munich	P76	<b>Hillenbrand</b> , Andreas, Ulm	P42
<b>Grossmann</b> , Henning, Moshi	T-48	<b>Hodžić</b> , Adnan, Vienna	FG4-5, S10-3
<b>Gruell</b> , Henning, Cologne	P36	<b>Hoelscher</b> , Michael, Munich	C-PL1, C-PL1, T-3, S2-1, S7-2, S9-2, S13-4, P5, P17, P18, P20, P21, P22, P23, P35, P56, P36
<b>Grüner</b> , Beate, Ulm	P9, P42	<b>Hoerauf</b> , Achim, Bonn	T-54, S13-4, P54, P56, P64, P65, P67, P69, P71, P90
<b>Grunow</b> , Roland, Berlin	S8-4	<b>Hoestermann</b> , Christop, Unna	T-23
<b>Guddattu</b> , Vasudeva, Manipal	P14	<b>Hoffmann</b> , Harald, Munich	P23
<b>Gugsa</b> , Salem, Seattle	P38	<b>Hoffmann</b> , Verena, Munich	P35
<b>Gumulira</b> , Joe, Lilongwe	P38, P39, S9-4	<b>Hofmann</b> , Philipp, Merching	P31
<b>Günther</b> , Stephan, Hamburg	T-8	<b>Holtfreter</b> , Martha, Düsseldorf	FG4-2, FG4-3, P8, P48
<b>H</b>		<b>Holzgrabe</b> , Ulrike, Würzburg	S2-3
<b>Habarugira</b> , Felix, Butare	P59	<b>Honkpehdji</b> , Josiane, Lambaréné	S13-2
<b>Hader</b> , Jutta, München	P60	<b>Horn</b> , Sacha, Munich	S13-4, P56
<b>Haditsch</b> , Martin, Leonding	C-S6		
<b>Hagander</b> , Lars, Lund	S4-1		
<b>Hagemann</b> , Benjamin, Ulm	P9		

## Speakers, Chairs and Authors

<b>Hörner</b> , Johannes, Düsseldorf	P10	<b>K</b>	
<b>Horstick</b> , Olaf, Heidelberg	P7	<b>Kaasch</b> , Achim, Düsseldorf	P10, S7-3, P26, P29
<b>Hrdý</b> , Ivan, Vestec	FG4-1	<b>Kaatano</b> , Godfrey, Mwanza	S14-2
<b>Huang</b> , Yan-Jang, Manhattan	S3-2	<b>Kalua</b> , Thoko, Lilongwe	S1-4
<b>Hübner</b> , Johannes, Munich	P75, P76	<b>Kamate</b> , Bakarou, Bamako	S12-3
<b>Hübner</b> , Marc P., Bonn	P64	<b>Kamdem</b> , Cyrille, Dschang	P62
<b>Hübscher</b> , Tanja, Bern	P4	<b>Kaminkis</b> , Lea, Hamburg	P51
<b>Hufnagel</b> , Markus, Freiburg im Breisgau	P75	<b>Kaminski</b> , Miriam, Berlin	P57
<b>Hufnagl</b> , Peter, Vienna	FG4-5	<b>Kantelhardt</b> , Eva, Halle(Saale)	S12-3
<b>Hurissa</b> , Zewdu, Asella	P10	<b>Kapp-Schwoerer</b> , Silke, Ulm	P9
<b>Hüttel</b> , Stephan, Braunschweig	P64	<b>Karić</b> , Uroš, Belgrade	P47
<b>Hutter</b> , Stefan, Munich	S3-3	<b>Kasang</b> , Christa, Würzburg	S14-2
<b>I</b>		<b>Kästner</b> , Ralph, Munich	S3-3
<b>Isabwe</b> , Maurice, Grimstad	S2-4	<b>Katchanov</b> , Juri, Munich	P81
<b>Isner</b> , Caroline, Berlin	P63	<b>Kazura</b> , James W., Cleveland	P69
<b>Ivanova</b> , Olena, Munich	S14-3, P20	<b>Keeley</b> , Alexander, Sheffield	P87
<b>J</b>		<b>Kehraus</b> , Stefan, Bonn	P64
<b>Jacobs</b> , Thomas, Hamburg	P51	<b>Keller</b> , Christian, Marburg	P64
<b>Jaeger</b> , Patrick, Vienna	S10-3	<b>Kellings</b> , Angelika, Bonn	P56, P71
<b>Jaeger</b> , V.K., Basel	P34	<b>Kemigisha</b> , Elizabeth, Mbarara	S14-3
<b>Jaenisch</b> , Thomas, Heidelberg	C-S14, P7	<b>Kempff</b> , Caroline, Berlin	P75
<b>Jahn</b> , Albrecht, Heidelberg	S4-2	<b>Keppeler</b> , Oliver T., Munich	CS-9, S3-3
<b>Jahn</b> , Andreas, Seattle	S1-4	<b>Kerckhoff</b> , Andrew, San Francisco	S7-1
<b>Jain</b> , Animesh, Mangalore	P49, P50	<b>Khosa</b> , Celso, Maputo	P20
<b>Janda</b> , Ales, Freiburg im Breisgau	P75	<b>Kibiki</b> , Gibson, Moshi	P22
<b>Janke</b> , Christian, Munich	T-16	<b>Killewo</b> , Japhet, Dar es Salaam	T-6
<b>Jansen</b> , Rolf, Braunschweig	P64	<b>Kim</b> , Johanna, Lambaréné	P44
<b>Jansen</b> , Stephanie, Hamburg	P34	<b>King</b> , Chris L., Cleveland	P69
<b>Jansen</b> , Wiebke, Namur	P91	<b>Kirstein</b> , Oscar D., Jerusalem	P43
<b>Jansson</b> , Annette, München	P76	<b>Kitchen</b> , Maria, Innsbruck	P77
<b>Jegorović</b> , Boris, Belgrade	P47	<b>Kitchen</b> , Philip James, Heidelberg	P40
<b>Jibia</b> , V S, Manipal	P14	<b>Klapper</b> , Sylvia, Würzburg	S2-3
<b>Joachim</b> , Agricola, Dar es Salaam	P35	<b>Klar</b> , Kathrin, Munich	P66
<b>Jochum</b> , Johannes, Hamburg	P80, P88	<b>Klarmann-Schulz</b> , Ute, Bonn	P56, P65, P67, P69, P71
<b>Joekes</b> , Elizabeth, Liverpool	P87	<b>Klaus</b> , Pfeffer, Düsseldorf	P27, P28
<b>Johnson</b> , Cheryl, Geneva	P40	<b>Klein</b> , Florian, Cologne	P36
<b>Jordan</b> , Sabine, Hamburg	P55, P78, P80, P87, P88	<b>Klein</b> , Katharina, Ulm	P9, P42
<b>Joseph</b> , Sarah, London	P35	<b>Klicpera</b> , Anna, Lambaréné	P44
<b>Jovanović</b> , Snežana, Belgrade	P47	<b>Klipstein-Grobusch</b> , Kerstin, Utrecht	S4-1
<b>Judick</b> , Mona, Munich	S12-2	<b>Klohe</b> , Anna Katharina, Munich	S14-1
<b>Junghans</b> , Thomas, Heidelberg	C-PL2	<b>Kloss</b> , Florian, Jena	S7-2
		<b>Klupp</b> , Eva-Maria, Hamburg	P73
		<b>Kluwe</b> , Johannes, Hamburg	P55, P78



## Speakers, Chairs and Authors

<b>Klymiuk</b> , Ingeborg, Graz	S11-1	<b>Lacorcia</b> , Matthew, Munich	P66
<b>Kniha</b> , Edwin, Vienna	FG4-4	<b>Lafont</b> , Bernard, Bethesda	S9-1
<b>Knobloch</b> , Jan, Munich	S1-3	<b>Lagler</b> , Heimo, Vienna	S13-3, P58
<b>Kobbe</b> , Robin, Hamburg	P75	<b>Lahlal</b> , Mina, Vienna	T-56
<b>Koch</b> , Till, Hamburg	P93	<b>Lalremruata</b> , Albert, Tübingen	P44, P48
<b>Köhler</b> , Carsten, Tübingen	C-PL4, FG5-2, P54, P92	<b>Lamberti</b> , Anna, Milan	P24
<b>Kolie</b> , Delphin, Conakry	S8-4	<b>Landis</b> , Clive, Bridgetown	S11-1
<b>Kollaritsch</b> , Herwig, Vienna	C-PL4, T-67	<b>Lang</b> , Philip, Düsseldorf	P30, P37
<b>König</b> , Gabriele M., Bonn	P64	<b>Langa</b> , Irene, Maputo	P70
<b>Konsten</b> , Sarah, Munich	S7-2	<b>Larki</b> , Behrouz, Isfahan	P32
<b>Koroma</b> , Alimiomy Philip, Freetown	P72	<b>Laubhahn</b> , Kristina, Munich	P66
<b>Kottlill</b> , Shyamasundaran, Maryland	S12-1	<b>Lavadinović</b> , Lidija, Belgrade	P47
<b>Kozko</b> , V. N., Kharkiv	P41	<b>Layland</b> , Laura, Bonn	S13-4, P71
<b>Kraef</b> , Christian, Hamburg	P55, P78	<b>Lee</b> , Kuan Ken, Edinburgh	S12-1
<b>Kratz</b> , Thomas, Berlin	S8-4	<b>Lehmann</b> , Clara, Cologne	P36
<b>Kratzer</b> , Wolfgang, Ulm	P42	<b>Lell</b> , Bertrand, Tübingen	S11-3, S13-2
<b>Kreibich</b> , Saskia, Würzburg	S10-2	<b>Lemm</b> , Friederike, Bochum	S8-2
<b>Kreidenweiss</b> , Andrea, Tübingen	C-S1, S11-2	<b>Lewis</b> , Mark, Rockville	S3-2
<b>Kremsner</b> , Peter, Tübingen	C-S11, S11-4, S11-3, S13-2, FG5-2, P44, P92	<b>Limani</b> , Fumbani, Blantyre	P87, P88
<b>Kreuels</b> , Benno, Hamburg	P87, P88	<b>Lindner</b> , Andreas, Berlin	S14-4, P1, P84, P11, P12, P63, P83, P86
<b>Kreuzmair</b> , Ruth, Tuebingen	P46	<b>Ljuhar</b> , Davul, Vienna	S10-3
<b>Kroidl</b> , Arne, Munich	S9-2, S12-2, P35	<b>Lobmaier</b> , Silvia, München	P60
<b>Kroidl</b> , Inge, Munich	S13-4, P56, P67	<b>Loembe</b> , Marguerite Massinga, Lambaréné	S13-2
<b>Krome</b> , Anna, Bonn	P64	<b>Lohse</b> , Ansgar W., Hamburg	P55, P78
<b>Kromhout</b> , Hans, Utrecht	T-21	<b>Longenecker</b> , Chris T, Cleveland	S12-1
<b>Krücken</b> , Jürgen, Berlin	P59	<b>Löscher</b> , Thomas, Munich	P5
<b>Krüger</b> , Andreas, Hamburg	P43	<b>Losert</b> , Heidi, Berlin	P68
<b>Krüger</b> , Renate, Berlin	P75	<b>Ludwig</b> , Esther, München	P60
<b>Krumkamp</b> , Ralf, Hamburg	S3-1	<b>Luetgehetmann</b> , Marc, Hamburg	P73
<b>Kübler</b> , Lisa, Munich	P23	<b>Luetke-Daltrup</b> , Christoph, Munich	S2-1
<b>Kucsera</b> , István, Budapest	P57	<b>Luiz</b> , Thomas, Kaiserslautern	P52
<b>Kuehlwein</b> , Janina, Bonn	P56, P65, P67	<b>Lunardon</b> , Lisa-Maria, Homburg/Saar	P1
<b>Kuffour</b> , Edmund O., Düsseldorf	P30, P37	<b>Lundström-Stadelmann</b> , Britta, Bern	S1-1
<b>Kühlwein</b> , Janina, Bonn	P71	<b>Lusingu</b> , John, Korogwe	S3-1
<b>Kulkarni</b> , Suyamindra S., Dharwad	P49, P50	<b>Luyckx</b> , Valerie, Zurich	T-46
<b>Kumar</b> , Arun, Mangalore	P49	<b>Ly</b> , Madani, Bamako	S12-3
<b>Kümmel</b> , Björn, Berlin	T-61		
<b>Kumwanda</b> , Tapiwa, Lilongwe	P38		
<b>Kurth</b> , Florian, Berlin	P63, P75, P86		
		<b>M</b>	
<b>L</b>		<b>Mabedi</b> , Delia, Blantyre	S3-4
<b>Labisch</b> , Alfons, Düsseldorf	P48	<b>Maboko</b> , Leonard, Mbeya	P35
<b>Labranche</b> , Celia, Durham	S9-1	<b>MacKenzie</b> , Colin, Düsseldorf	P26, P29
		<b>Mackroth</b> , Maria, Hamburg	P51

## Speakers, Chairs and Authors

<b>Madar</b> , Ahmed A., Oslo	S2-4	<b>Meyer</b> , Elias, Vienna	P44
<b>Mahabala</b> , Chakrapani, Mangalore	P49, P50	<b>Meyer</b> , Florian, Jena	S7-2
<b>Maiga-Ascofaré</b> , Oumou, Hamburg	T-45	<b>Mgaya</b> , Yunus, Dar es Salaam	C-PL1
<b>Mall</b> , Marcus, Berlin	P75	<b>Michler</b> , Thomas, München	S9-3
<b>Malle</b> , Brahima, Bamako	S12-3	<b>Mills</b> , Nicholas L, Edinburgh	S12-1
<b>Mallewa</b> , Jane, Blantyre	P87, P88	<b>Mills</b> , Peter R, Glasgow	S12-1
<b>Malvy</b> , Denis, Bordeaux	S8-4	<b>Mischlinger</b> , Johannes, Hamburg	S11-3, S13-3, P44, P58
<b>Manego Zoleko</b> , Rella, Lambaréné	P44	<b>Missanga</b> , Marco, Mbeya	P35
<b>Manhart, Martina</b> , Munich	T-15	<b>Mlahagwa</b> , Wendo, Mbarara	S14-3
<b>Manouana, Gédéon</b> , Lambaréné	P31	<b>Mmbaga</b> , Blandina, Moshi	T-39
<b>Manyama, Christina</b> , Mbeya	S2-1	<b>Mndolo</b> , Samson, Blantyre	P4
<b>Margos, Gabriele</b> , Oberschleissheim	S2-1	<b>Mnisi</b> , Zandi, Mbabane	P40
<b>Maritz</b> , Elke, Offenburg	T-41	<b>Mnkai</b> , Jonathan, Mbeya	S12-2
<b>Marks</b> , Florian, Seoul	S7-4	<b>Mockenhaupt</b> , Frank, Berlin	S8-3, P1, P45, P49, P50, P59
<b>Markus</b> , Inessa, Berlin	S8-4	<b>Molitor</b> , Ernst, Bonn	P90
<b>Marti</b> , Hanspeter, Basel	P2	<b>Mombo-Ngoma</b> , Ghyslain, Lambaréné	S11-3, S13-3, P44, P46
<b>Masagati</b> , Leonard, Dar es Salaam	P56	<b>Moné</b> , Hélène, Perpignan	P8
<b>Matseguí</b> , Pierre B, Lambaréné	S13-3, P58	<b>Monnheim</b> , Mathieu, Göttingen	P82
<b>Mattapallil</b> , Joseph, Bethesda	S3-2, S9-1	<b>Montefiori</b> , David, Durham	S9-1
<b>Mattapallil</b> , Mary, Bethesda	S3-2	<b>Mooseder</b> , Gerhard, Vienna	FG4-4
<b>Matthews</b> , Hanna, Hamburg	P15	<b>Mordmüller</b> , Benjamin, Tübingen	T-44, S11-3, S11-4, S13-2, S13-3, P44, P58
<b>Maurer</b> , Marcus, Berlin	P43	<b>Moser</b> , Rosemarie, Eisenstadt	
<b>Mauti</b> , Joy, Heidelberg	S4-2	<b>Moses</b> , Henning, Jena	C-FG5, T-58
<b>May</b> , Jürgen, Hamburg	C-S11, S3-1, S7-4, P54	<b>Mouahid</b> , Gabriel, Perpignan	P8
<b>Mayer</b> , Dagmar, Blantyre	S3-4	<b>Mrema</b> , Dorah, Moshi	S2-2
<b>Maynard</b> , Sean, Bethesda	S9-1	<b>Mubarik</b> , Yusif, Kumasi	P69
<b>Mazigo</b> , Humphrey, Mwanza	T-7, S2-3, S14-2	<b>Mueller</b> , Franziska, Tübingen	P3
<b>Mazzola</b> , Ester, Milan	P24	<b>Mugisha</b> , Jean Claude, Butare	P59
<b>Mbatia</b> , Redempta, Moshi	T-40	<b>Mukuka</b> , Paul M., Kabwe	T-37
<b>Mbuya</b> , Wilbert, Mbeya	S12-2	<b>Müller</b> , Susanne, Landshut	C-FG5
<b>McAllister</b> , David A, Glasgow	S12-1	<b>Müller</b> , Andreas, Würzburg	S2-3, S14-2
<b>McCall</b> , Matthew, Lambaréné	P31	<b>Müller</b> , Kirsten, Berlin	P12, P63, P84, P89
<b>McCormack</b> , Sheena, London	P35	<b>Müller</b> , Rolf, Saarland	P64
<b>McCormick-Smith</b> , Ilka, Berlin	P68	<b>Müller</b> , Rüdiger, St. Gallen	S8-1
<b>Mcharo</b> , Ruby, Mbeya	S12-2	<b>Mwakapeje</b> , Elibariki, Oslo	S2-4
<b>Mchome</b> , Bariki, Moshi	S2-2	<b>Mwingira</b> , Upendo, Dar es Salaam	P56, P67
<b>McMahon</b> , Shannon A, Heidelberg	P40		
<b>Mdala</b> , Ibrahimu, Oslo	S2-4	<b>N</b>	
<b>Meintjes</b> , Graeme, Cape Town	S7-1	<b>Nadai</b> , Yuka, Munich	P35
<b>Meka</b> , Anthony, Enugu	S10-2	<b>Naizgi</b> , Mulugeta, Mekelle	S8-2
<b>Meraner</b> , Dagmar, Innsbruck	P77		
<b>Mesfun</b> , Million Getachew, Asella	FG4-2, P30, P37		
<b>Metzger</b> , Wolfram, Tübingen	S13-3		
<b>Meurs</b> , Lynn, Berlin	S8-4		

## Speakers, Chairs and Authors

<b>Namboya</b> , Felix, Blantyre	S3-4, P4, P52
<b>Navarro</b> , Miriam, Alicante	Body Map
<b>Ndoli</b> , Jules, Butare	S8-3, P59
<b>Ndosi</b> , Evaline, Moshi	S2-2
<b>Neumann</b> , Anna-Cathrine, Munich	S2-1, P5, P18
<b>Newmayr</b> , Andreas, Basel	P34
<b>Newby</b> , David E, Edinburgh	S12-1
<b>Ngenya</b> , Abdallah, Dar es Salaam	P56, P67
<b>Ngoma</b> , Jonathan, Lilongwe	S9-4, P39
<b>Ngouateu</b> , Omer B., Mokolo	P43
<b>Ngowi</b> , Bernard, Dar es Salam	C-S2, S1-3, S2-4
<b>Ngowi</b> , Helena, Morogoro	S1-3, S2-4
<b>Ngwamkai</b> , Peter, Moshi	S2-2
<b>Nhancupe</b> , Noémia, Maputo	P70
<b>Nickel</b> , Beatrice, Basel	P2
<b>Nicol</b> , Mark, Cape Town	S7-1
<b>Niebank</b> , Michaela, Berlin	S14-4, P63
<b>Niedrig</b> , Matthias, Berlin	S8-1
<b>Nimesgern</b> , Anna, Homburg/Saar	P1
<b>Njouendou</b> , Abdel Jelil, Buea	P71, P67
<b>Nnesa</b> , Victoria, Blantyre	P87
<b>Nöckler</b> , Karsten, Berlin	P91
<b>Noll</b> , Josef, Oslo	S2-4
<b>Noll</b> , Matthias, Coburg	P91
<b>Noormahomed</b> , Emília, Maputo	P70
<b>Norton</b> , Robyn, Oxford	S4-1
<b>Ntinginya</b> , Nyanda, Mbeya	C-S9, T-2, S2-1, P20, P22
<b>Nyakato</b> , Viola N, Mbarara	S14-3
<b>Nyamusore</b> , José, Kigali	S8-3
<b>Nyirenda</b> , Rose, Lilongwe	S1-4
<b>O</b>	
<b>Obwaller</b> , Adelheid, Vienna	FG4-4
<b>Ouvray</b> , C., Geneva	T-29
<b>Ochel</b> , Klemens, Würzburg	P3
<b>Olbrich</b> , Laura, Munich	P21, P23
<b>Onabajo</b> , Olusegun, Bethesda	S9-1
<b>Orth</b> , Hans Martin, Asella	P10, P26
<b>Osei-Mensah</b> , Jubin, Kumasi	S13-4, P65, P67, P69
<b>Osterman</b> , Andreas, München	S3-3
<b>Otachi</b> , Elick, Egerton	FG4-7
<b>Ott</b> , Jördis J., Braunschweig	S9-3
<b>Owusu Dabo</b> , Ellis, Kumasi	P51, P73

<b>P</b>	
<b>Padama</b> , Fernando, Quelimane	P70
<b>Pal</b> , Ranajit, Rockville	S9-1
<b>Paudel</b> , Deepak, Kathmandu	S12-4
<b>Payne</b> , Vincent K., Dschang	P43
<b>Pellio</b> , Theresia, Eikwe	P82
<b>Peter</b> , Sabrina, Würzburg	S14-2
<b>Peterhans</b> , Bernadette, Basel	T-42
<b>Peterhoff</b> , David, Regensburg	P35
<b>Petzold</b> , Stephanie, Heidelberg	P7
<b>Pfäfflin</b> , Frieder, Berlin	S14-4, P63
<b>Pfarr</b> , Kenneth, Bonn	S13-4, P64, P65
<b>Pfeffer</b> , Klaus, Düsseldorf	S7-3, P26, P29
<b>Philipp</b> , Veit, Munich	P81
<b>Phiri</b> , Sam, Lilongwe	S1-4, S9-4, P38, P39
<b>Pitzinger</b> , Paul, Lambaréné	S11-3, P58
<b>Plasència</b> , Antoni, Barcelona	S4-1
<b>Pletschette</b> , Michel, Munich	C-S4
<b>Pogorevc</b> , Domen, Saarland	P64
<b>Pollach</b> , Gregor, Blantyre	S3-4, P4, P52
<b>Pollakis</b> , Georgios, Liverpool	P35
<b>Poluga</b> , Jasmina, Belgrade	P47
<b>Pondja</b> , Alberto, Maputo	P70
<b>Pontello</b> , Mirella M., Milan	P24
<b>Poppert</b> , Sven, Basel	S1-1, P2
<b>Pöppel</b> , Wolfgang, Vienna	FG4-4
<b>Potthoff</b> , Anja, Bochum	S8-2
<b>Prazeres da Costa</b> , Clarissa, München	C-S15, S1-3, S13-1, P60, P66
<b>Pritsch</b> , Michael, Munich	Body Map
<b>Prin</b> , Meghan, Lilongwe	P52
<b>Prodjinotho</b> , Fabien, Munich	S13-1, P61
<b>Protzer</b> , Ulrike, München	S9-3
<b>Puchner</b> , Karl Philipp, Würzburg	S10-2
<b>R</b>	
<b>Rachow</b> , Andrea, München	T-20, P20
<b>Rada</b> , Petr, Vestec	FG4-1
<b>Rademacher</b> , Bettina, Munich	T-51
<b>Radonirina Lazaso</b> , Andrianasolo, Antananarivo	S8-4
<b>Radovanovic</b> , Danica, Kjeller, Norway	S2-4
<b>Rai</b> , Masna, Munich	S14-3
<b>Rajbhandari</b> , Binamra, Kathmandu	S12-4

## Speakers, Chairs and Authors

<b>Rajerison</b> , Minoarisoa, Antananarivo	S8-4
<b>Rakoto Andrianarivelo</b> , Mala, Antananarivo	S8-4
<b>Rakotoarisoa</b> , Alain, Antananarivo	S8-4
<b>Rakotozandrindrainy</b> , Raphael, Antananarivo	S3-1
<b>Ramharter</b> , Michael, Hamburg	S11-3, S13-3, P44, P46, P55, P58, P78, P80, P93
<b>Rasalkar</b> , Rashmi, Dharwad	P49, P50
<b>Rascovan</b> , Nicolas, Marseille	S11-1
<b>Rassool</b> , Mohammed, Johannesburg	P20
<b>Ratzinger</b> , Gudrun, Innsbruck	P77
<b>Raviglione</b> , Mario C., Milan	P24
<b>Raviglione</b> , Mario, Milan	S4-1
<b>Razafimbia</b> , Vaoary, Antananarivo	S8-4
<b>Razavi</b> , Homie, Louisville	S12-1
<b>Reeves</b> , Aaron, Oxford	T-17
<b>Rehfuess</b> , Eva, Munich	S4-1, S4-3
<b>Reimer</b> , Ulf, Berlin	P35
<b>Reinel</b> , Dieter, Hamburg	C-FG3
<b>Reinhard-Rupp</b> , Jutta, Geneva	T-28
<b>Reisinger</b> , Emil, Rostock	C-PL2
<b>Reiter-Owona</b> , Ingrid, Bonn	P90
<b>Reiter</b> , Karl, Munich	P75
<b>Ricchiuto</b> , Arcangelo, Bonn	P69
<b>Richter</b> , Joachim, Berlin	S14-4, P8, P12, P13, P48, P63, P74, P83, P84, P85, P86, P89
<b>Rickerts</b> , Volker, Berlin	P68, P86
<b>Riehn</b> , Mathias, Hamburg	P51
<b>Rinaldi</b> , Laura, Naples	P59
<b>Ritter</b> , Manuel, Bonn	P71
<b>Robb</b> , Merlin, Silver Spring	P35
<b>Robert-Guroff</b> , Marjorie, Bethesda	S9-1
<b>Rochat</b> , Laurence, Lausanne	P34
<b>Rockstroh</b> , Jürgen Kurt, Bonn	P90
<b>Rogers</b> , Lisa, Munich	P17, P21
<b>Roggendorf</b> , Michael, Munich	T-84
<b>Rohlf</b> , Meino, Munich	P17
<b>Rolling</b> , Thierry, Hamburg	S7-3, P73, P93
<b>Rothe</b> , Camilla, Munich	C-S6, C-S10, C-RU, P52
<b>Rothmund</b> , Claudia, Hamburg	P79
<b>Rüdiger</b> , Anna, Tübingen	P92
<b>Ruf</b> , Marie-Thérèse, Basel	P2
<b>Rupp</b> , Jan, Lübeck	P64
<b>Rutherford</b> , George, San Francisco	P11

<b>S</b>	
<b>Saar</b> , Malkin, Munich	S1-2
<b>Saathoff</b> , Elmar, Munich	S13-4
<b>Sande</b> , Odala, Lilongwe	P38
<b>Sandri</b> , Thaisa Lucas, Tübingen	S13-2
<b>Sandstroem</b> , Eric, Stockholm	P35
<b>Sanne</b> , Ian, Johannesburg	P22
<b>Saravu</b> , Kavitha, Manipal	P14
<b>Sasse</b> , Julia, Berlin	S8-3
<b>Sattmann</b> , Helmut, Vienna	FG4-6
<b>Schaumburg</b> , Frieder, Münster	T-19, P31
<b>Schiefer</b> , Andrea, Bonn	P64
<b>Schiemann</b> , Matthias, Munich	P21
<b>Schimana</b> , Werner, Altötting	C-FG2
<b>Schlabe</b> , Stefan, Bonn	P90
<b>Schleenvoigt</b> , Benjamin Thomas, Jena	FG4-3
<b>Schliemann</b> , Sybille, Jena	C-FG3, T-50
<b>Schmid</b> , Roland M, Munich	P81
<b>Schmidberger</b> , Julian, Ulm	P42
<b>Schmidt-Chanasit</b> , Jonas, Hamburg	P34
<b>Schmidt</b> , Veronika, Munich	S1-3, P57, P61, P70
<b>Schmiedel</b> , Stefan, Hamburg	S10-4, P55, P78, P80
<b>Schmutzhard</b> , Erich, Absam	T-1
<b>Schneider</b> , Gisela, Tübingen	P3
<b>Schneider</b> , Jochen, Munich	P81
<b>Schneitler</b> , Sophia, Solingen	C-FG4
<b>Schoener</b> , Ellen, Vienna	FG4-8
<b>Schönfeld</b> , Andreas, Asella	P30, P37
<b>Schultsz</b> , Constance, Amsterdam	S4-1
<b>Schulze-Sturm</b> , Ulf, Hamburg	P75
<b>Schulze</b> , Marco, Göttingen	P82
<b>Schürmann</b> , Dirk, Berlin	S14-4, P63
<b>Schuster</b> , Verena, Berlin	S8-3
<b>Schwan</b> , Thomas, Vienna	S10-3
<b>Schwarz</b> , Norbert Georg, Hamburg	T-14, S4-4
<b>Schwarze-Zander</b> , Carolyne, Bonn	P90
<b>Seilmaier</b> , Michael, Munich	P5, P23
<b>Seitzer</b> , Moritz, Würzburg	S2-3
<b>Sembo</b> , Margareth, Mbeya	S12-2
<b>Senatore</b> , Sabrina, Milan	P24
<b>Sendegeya</b> , Augustin, Butare	S8-3, P59
<b>Serventi</b> , Furaha, Moshi	S2-2
<b>Serwaa Opoku</b> , Vera, Kumasi	S13-4
<b>Seybold</b> , Joachim, Berlin	P1

## Speakers, Chairs and Authors

<b>Shah</b> , Anoop S V, Edinburgh	S12-1
<b>Shah</b> , Jasmit S, Nairobi	S12-1
<b>Sharma</b> , K, Blantyre	P52
<b>Shattock</b> , Robin J, London	P35
<b>Shenoy</b> , Damodara, Mangalore	P49, P50
<b>Siegert</b> , Konrad, Berlin	P49, P50
<b>Sifft</b> , Kevin C., Berlin	P59
<b>Sikasunge</b> , Chummy, Lusaka	S1-3, P61
<b>Simo</b> , Gustave, Dschang	P62
<b>Skaletz-Rorowski</b> , Adriane, Bochum	S8-2
<b>Skordis-Worrall</b> , Jolene, London	S4-1
<b>Slotta-Huspenina</b> , Julia, Munich	P81
<b>Soares Magalhães</b> , Ricardo, Gattton	P16
<b>Solis Soto</b> , Maria Teresa, Rancagua	C-S8
<b>Sorsa</b> , Abebe, Asella	P29
<b>Sossen</b> , Bianca, Cape Town	S7-1
<b>Sothmann</b> , Peter, Munich	C-S5
<b>Spinner</b> , Christoph, Munich	P81
<b>Stadler</b> , Marc, Braunschweig	P64
<b>Staehelin</b> , Cornelia, Berne	P34
<b>Stark</b> , Michael, Berlin	C-FG1, T-24
<b>Stebut-Borschitz von</b> , Esther, Cologne	P43
<b>Stegemann</b> , Miriam, Berlin	P25, P75
<b>Steininger</b> , Christoph, Vienna	S11-1
<b>Stelzl</b> , Daniel, Hamburg	S13-3
<b>Stelzle</b> , Dominik, Munich	S12-1, S14-1, P57
<b>Stevanović</b> , Goran, Belgrade	P47
<b>Stich</b> , August, Würzburg	C-S2, C-TU, T-66
<b>Stöbe</b> , Tankred, Berlin	T-27
<b>Stötter</b> , Loraine, Asella	S7-3, FG4-2, P26, P29
<b>Strachan</b> , Fiona E, Edinburgh	S12-1
<b>Stratil</b> , Jan M, Munich	S4-3
<b>Straub</b> , Janina, Berlin	S8-3
<b>Strauchs</b> , Cornelia, Hamburg	P73
<b>Strunk</b> , Johannes, Tübingen	S13-2
<b>Sudi</b> , Lwitiho, Mbeya	S2-1
<b>Sukums</b> , Felix, Dar es Salaam	S2-4
<b>Sutherland</b> , Jayne, Serrekunda	P20
<b>Sutter</b> , Gerd, Munich	C-PL3, S9-1
<b>Suttorp</b> , Norbert, Berlin	P75
<b>T</b>	
<b>Tachezy</b> , Jan, Vestec	FG4-1
<b>Tacoli</b> , Constanza, Berlin	P75, P50
<b>Tannich</b> , Egbert, Hamburg	T-65, S11-3
<b>Tanovic</b> , Alan, Rosbach v.d. Höhe	P6
<b>Tappe</b> , Dennis, Hamburg	P81, P83
<b>Tateng</b> , Aime Ngouateu, Dschang	P43
<b>Tatoud</b> , Roger, London	P35
<b>Tazemda-Kuitsouc</b> , Gildas B, Fougamou	P58
<b>te Brake</b> , Lindsey, Nijmegen	P22
<b>Temizel</b> , Selin, Augsburg	S8-2
<b>Tenbrock</b> , Klaus, Aachen	P19
<b>Thannesberger</b> , Jakob, Vienna	S11-1
<b>Theuring</b> , Stefanie, Berlin	P72
<b>Tomaras</b> , Georgia, Durham	S9-1
<b>Torres</b> , Liset, Mbeya	S12-2
<b>Torsten</b> , Feldt, Düsseldorf	P27, P28
<b>Tosun</b> , Jale, Heidelberg	S4-2
<b>Tran</b> , Dai Ton, Hamburg	P93
<b>Traore</b> , Cheick, Bamako	S12-3
<b>Trapence</b> , Clement, Lilongwe	S9-4, P39
<b>Trebesch</b> , Isabel, Berlin	S14-4, P84
<b>Tufa</b> , Tafese Beyene, Asella	S7-3, P10, P26, P27, P28, P29
<b>Tufa</b> , Takele Beyene, Addis Abeba	P27
<b>Tumuhairwe</b> , Jackline, Mbarara	S14-3
<b>Tweya</b> , Hannock, Lilongwe	S9-4, P38, P39
<b>U</b>	
<b>Ullrich-Concordia</b> , Andreas, Geneva	T-47
<b>Urach</b> , Katharina, Vienna	FG4-5
<b>Utzinger</b> , Jürg, Basel	S1-1
<b>V</b>	
<b>Valiant</b> , William, Bethesda	S3-2
<b>van den Hazel</b> , Peter, Ellecom	T-86
<b>Van der Schaaf</b> , Hylke, Karlsruhe	S10-2
<b>van Leeuwen</b> , Remko, Amsterdam	S4-1
<b>van Loon</b> , Welmoed, Berlin	P45, P49
<b>Vanlandingham</b> , Dana, Manhattan	S3-2
<b>Vargas-Inchaustegui</b> , Diego, Bethesda	S9-1
<b>Varnholt</b> , Verena, Berlin	P75
<b>Veletzky</b> , Luzia, Hamburg	S11-3, S13-3, P44, P48, P58
<b>Velkov</b> , Stoyan, München	S9-3
<b>Verbeek</b> , Luzie, Berlin	S8-3
<b>Verschoor</b> , Admar, Lübeck	S13-1

## Speakers, Chairs and Authors

<b>Verthelyi</b> , Daniela, Silver Spring	S3-2
<b>Villa</b> , Simone, Milan	P24
<b>Villiger</b> , Peter, Berne	S8-1, P34
<b>Vinnemeier</b> , Christof, Hamburg	P93, S7-3, P73
<b>Vinokurova</b> , O.N., Kharkiv	P41
<b>Visser</b> , A.W., Leiden	P34, S8-1
<b>Visser</b> , L.G., Leiden	S8-1, S4-1, P34
<b>von Bernuth</b> , Horst, Berlin	P75
<b>von Both</b> , Ulrich, Munich	P5, P17, P23, P75, P76
<b>von Schrader-Beielstein</b> , Albrecht, Munich	C-RV, T-69
<b>Voss</b> , Maike, Berlin	T-60
<b>W</b>	
<b>Wacker</b> , Jürgen, Bruchsal	C-FG1, T-10, T-25
<b>Wagner</b> , Karl, Bonn	OP64
<b>Wagner</b> , Ralf, Regensburg	P35
<b>Walker</b> , Naomi, London	P57
<b>Walker</b> , Ulrich, Basel	S8-1
<b>Wallrauch</b> , Claudia, Munich	C-S5, S1-4, S9-4, P38, P39
<b>Walochnik</b> , Julia, Vienna	C-S13, FG4-4
<b>Walter</b> , Susanne, Düsseldorf	P48
<b>Wanji</b> , Samuel, Buea	P67, P71
<b>Warburg</b> , Alon, Jerusalem	P43
<b>Wasmuth</b> , Jan-Christian, Bonn	P90
<b>Watson</b> , Kym, Karlsruhe	S10-2
<b>Weber</b> , Christoph, Berlin	P1, P11
<b>Weber</b> , Jonathan, London	P35
<b>Weber</b> , Matthias, Aachen	P19
<b>Weber</b> , Stefan, Düsseldorf	P19
<b>Wedam</b> , Jakob, Berlin	P49, P50
<b>Wehweck</b> , Fabienne, Munich	S3-3
<b>Weigel</b> , Ralf, Witten	C-FG2, T-38
<b>Weil</b> , Gary, St. Louis	P69
<b>Weiss</b> , Fabian, Munich	S3-3
<b>Wendeborn</b> , Mathias, München	P76
<b>Wernhart</b> , Waltraud, Würzburg	WS2
<b>Wiedermann-Schmidt</b> , Ursula, Vienna	C-PL3
<b>Wiemer</b> , Dorothea, Hamburg	P33
<b>Wieser</b> , Andreas, Munich	C-S1, S2-1, P5, P18
<b>Williams</b> , Gail, Brisbane	P16
<b>Wilmes</b> , Dunja, Berlin	P68, P86
<b>Windorfer</b> , Adolf, Hannover	P53
<b>Windorfer</b> , Katharina, Hannover	P53
<b>Winkler</b> , Andrea S., Oslo	S2-4
<b>Winkler</b> , Andrea, Munich	C-S14, S1-3, P61, P70, S14-1, P57
<b>Winkler</b> , Volker, Heidelberg	P7
<b>Winterberg</b> , Markus, Oxford	P44
<b>Z</b>	
<b>Zacher</b> , Winfried, Berlin	S10-1
<b>Zammarchi</b> , Lorenzo, Florence	P57
<b>Zerweck</b> , Johannes, Berlin	P35
<b>Zimmann</b> , Nadine, Vestec	FG4-1
<b>Zimmermann</b> , Julia, Munich	S3-3
<b>Zittra</b> , Carina, Vienna	FG4-8
<b>Zoleko-Manego</b> , Rella, Hamburg	S11-3, S13-3, P46
<b>Zoller</b> , Thomas, Berlin	P75



# Body Map Exhibition

## Body maps of people living with Chagas disease: Exhibition

Body mapping is a method of telling stories in which the creator's overall story and experience strongly contributes to the story's significance. Since 2002, body mapping has been used as both a therapeutic and research tool, primarily for people living with HIV/AIDS.

For the first time, this technique has been used as a research and advocacy tool for people living with Chagas disease, led by a Spanish researcher at Miguel Hernández

University, with colleagues from Germany (University of Munich (LMU)) and Bolivia (NGOs DAHW -Deutsche Lepra- und Tuberkulosehilfe e.V.- and NorSud).

Chagas disease is one of 20 Neglected Tropical Diseases caused by infection with *Trypanosoma cruzi*. This disease affects 6 million people worldwide and is the cause of death for roughly 7000 people each year. Originally confined to the American continent, it has become a global concern primarily due to international human migration.

In November 2018, twelve men and women living with Chagas disease were drawing from and sharing their personal experiences with the researchers in a Chagas disease hyperendemic region of Bolivia. Through the exhibition of these body maps we would like to share with the audience the challenges that patients living with Chagas disease face and what their remaining

unmet needs are. The final aim of this exhibition is to raise awareness concerning Chagas disease and we hope that you also enjoy it.

**Exhibition:** Room B132 (Catering)

**Presentation of the Body Map Exhibition:**  
Room B101

- Friday, April 5, 2019, 10.10-10.25
- Saturday April 6, 2019, 10.40-10.55



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<sup>1</sup> WHO Immunization Coverage Fact Sheet <http://www.who.int/mediacentre/factsheets/fs378/en/>



## General Information

<b>Venue</b>	Ludwig-Maximilians-Universität München Mathematisches Institut Theresienstraße 37-39, 80333 Munich, Germany
<b>Organisation &amp; Registration</b>	COCS GmbH Congress Organisation C. Schäfer Rosenheimer Str. 145c, 81671 München Tel.: 089 / 89 06 77 – 0, Fax: 089 / 89 06 77 – 77 E-Mail: sophia.schmidberger@cocs.de Internet: www.cocs.de
<b>Industrial Exhibition</b>	The conference is accompanied by an industrial exhibition. Information & Registration please see organisation.
<b>Social Evenings</b>	<b>Thursday, April 4, 2019</b> Residenz München Residenzstraße 1, 80333 München Get-together on behalf of the Bavarian Government at the Munich Residence, registration is required. <b>Friday, April 5, 2019</b> Bavarian Evening at “Der Pschorr” Viktualienmarkt 15, 80331 München Admission ticket EUR 50,- per person
<b>Certification</b>	A certification by the „Bayerische Landesärztekammer“ will be applied.
<b>Certification DTG Refresher</b>	To get the certification for the DTG Refresher Reisemedizin a full-day attendance on Saturday, April 6, 9.00 - 17.00 is obligatory. Certification will be hand out at the end of the course.

### #I was there



All participants receive a T-shirt with the conference logo on site (on availability).

## Registration

<b>Participation fee</b>	
Participant	260,- €
Participant + DTG-Refresher Reisemedizin**	310,- €
Member*	240,- €
Member*+ DTG-Refresher Reisemedizin**	290,- €
Student	50,- €
Student + DTG-Refresher Reisemedizin**	65,- €
Student Member*	10,- €
Student Member* + DTG-Refresher Reisemedizin**	25,- €

### Day-Tickets

#### Thursday, April 4, 2019

Participant	125,- €
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#### Friday, April 5, 2019 (incl. Humanitarian Symposium)

Participant	125,- €
Member*	115,- €
Student	30,- €
Student Member*	0,- €

#### Saturday, April 6 (incl. DTG-Refresher Reisemedizin\*\*)

Participant	200,- €
Member*	180,- €
Student	30,- €
Student Member*	25,- €

#### Saturday, April 6 (without DTG-Refresher Reisemedizin)

Participant	75,- €
-------------	--------

### Workshops on Friday, April 5, 2019 from 12.00 – 13.30

#### Workshop I: Pictorial Seminar – Ultrasound in Tropical Diseases (up to 30 persons)

Participant	15,- €
Student*	0,- €

#### Workshop II: Feldlabor in der Tropenmedizin: Medikamentenfälschung auf der Spur (up to 30 persons)

Participant	15,- €
Student*	0,- €

\*) Please send us your student and/or membership verification (DTG, ÖGTPM, GTP, FIDE, DTC, SDT) via e-mail to [sophia.schmidberger@cocs.de](mailto:sophia.schmidberger@cocs.de) or via fax to +49 89 89 06 77 77. Without verification, the full price will be charged. \*\*) To get the certificate for the DTG-Refresher Reisemedizin a full-time attendance on Saturday is necessary.

**Get-together** on behalf of the Bavarian Government at the Munich Residence, Thursday, April 4, 2019 (registration is required) free

**Bavarian Evening**, Friday, April 5, 2019 50,- € / person

## Registration

### Registration

Please register online until March 20, 2019 at [www.dtg-jahrestagung2019.de](http://www.dtg-jahrestagung2019.de).

After your registration you will receive automatically a confirmation and payment request. Please note that after March 20, 2019 payments can only be made at the venue.

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EUR 1.000,- (Sponsoring/Booth), [www.nobite.com](http://www.nobite.com)
- 105 Österreichische Gesellschaft für Tropenmedizin, Parasitologie und Migrationsmedizin (ÖGTPM), Wien**  
[www.oegttmp.at](http://www.oegttmp.at)
- 1 Ärzte der Welt, München**  
[www.aerztederwelt.org](http://www.aerztederwelt.org)
- 6 Bundesvertretung der Medizinstudierenden e.V. (bvmd/gandHI), Berlin**  
[www.bmvd.de](http://www.bmvd.de)
- 10 CAP ANAMUR/Deutsche Notärzte e.V., Köln**  
[www.cap-anamur.org](http://www.cap-anamur.org)
- 12 Deutsches Rotes Kreuz e.V. (DRK), Berlin**  
[www.drk.de](http://www.drk.de)
- 9 German Doctors e.V., Bonn**  
[www.german-doctors.de](http://www.german-doctors.de)
- 14 Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, Bonn**  
[www.giz.de](http://www.giz.de)
- 3 Gesellschaft für Tropenpädiatrie und Internationale Kindergesundheit e.V. (GTP), Ahl**  
[www.globalchildhealth.de](http://www.globalchildhealth.de)
- 13 Handicap International, München**  
[www.handicap-international.de](http://www.handicap-international.de)
- 4 humedica Internationale Hilfe, Kaufbeuren**  
[www.humedica.org](http://www.humedica.org)
- 11 Freundeskreis Indianerhilfe, Burscheid**  
[www.indianerhilfe.de](http://www.indianerhilfe.de)
- 15 Die Johanniter, Berlin**  
[www.johanniter.de](http://www.johanniter.de)
- 8 LandsAid e.V., Kaufering**  
[www.landsaid.org](http://www.landsaid.org)
- 5 Medbox/MI, Würzburg**  
[www.medbox.org](http://www.medbox.org)
- 7 planP, Ammersbuch**  
[www.plan-p-education.de](http://www.plan-p-education.de)

## Exhibitors Humanitarian Aid Symposium

- 2 Akademie für Globale Gesundheit und Entwicklung (AGGE), Tübingen**  
[www.agge-akademie.de](http://www.agge-akademie.de)
- 16 Aktion PiT – Togohilfe e.V., Maisach**  
[www.aktionpit.de](http://www.aktionpit.de)

Status printdate – without engagement.

# Travel Information

## Arrival

Ludwig-Maximilians-Universität, München  
Theresienstraße 37-39  
80333 Munich  
Germany



■ Venue  
Conference CTM 2019  
4. - 6. April 2019  
Theresienstr. 37-39  
80333 München

## From Central Station Munich

Take the S-Bahn (any train) one stop in the direction „Ostbahnhof“ to station „Karlsplatz/ Stachus“. Ascend to the ground level and take the streetcar (tram) No. 27 in the direction of Petuelring (three stops) to the station „Pinakothek“ at the intersection of Barerstr. and Theresienstr. The conference venue is in the building on the right side next to the tram station.

Alternatively take the subway U2 in the direction „Feldmoching“ to the station „Theresienstraße“ or U3 in direction „Fürstenried West/Moosach“ to the station „Universität“. The conference venue is about 750 m away.

## From the Airport Munich

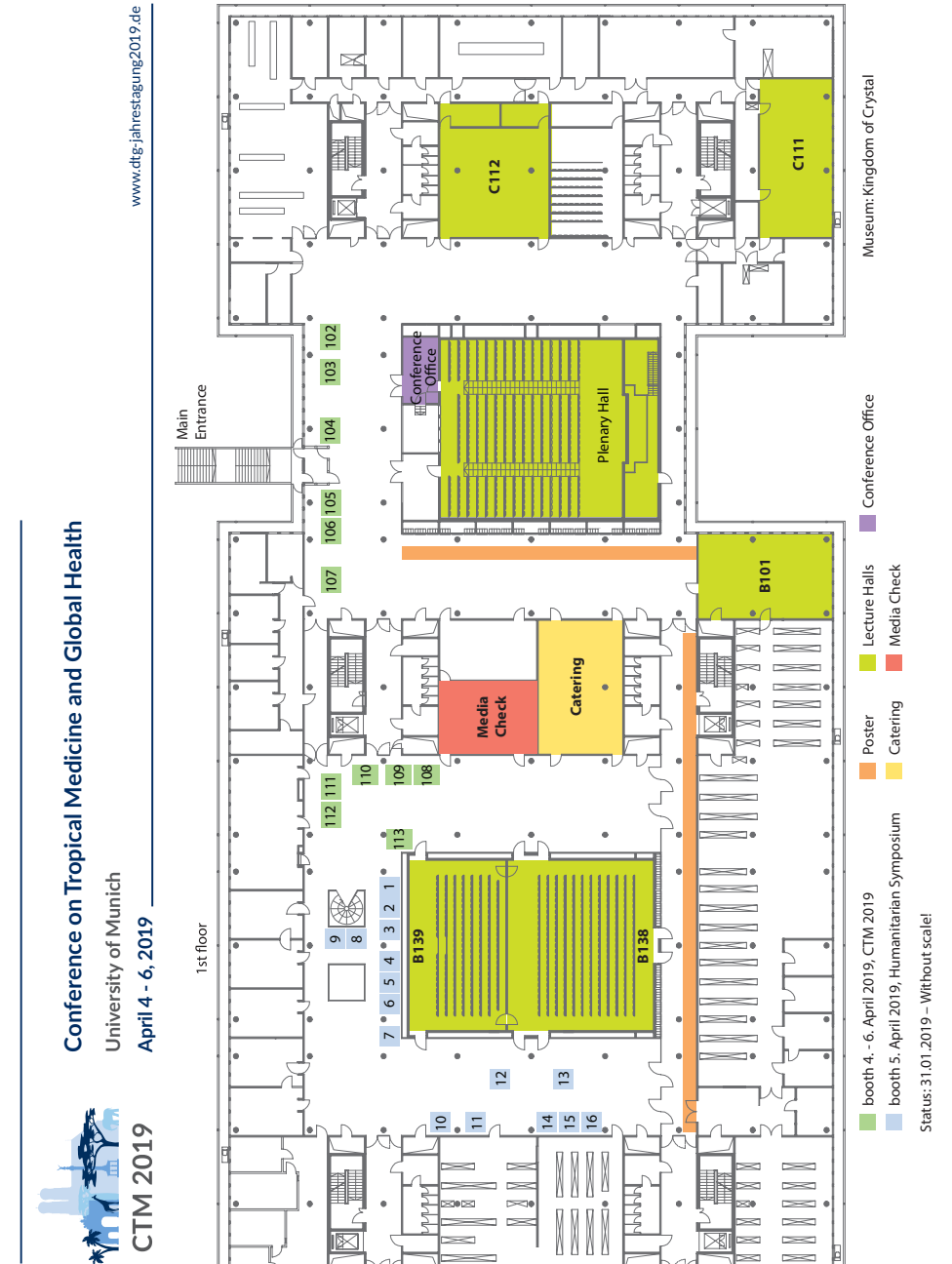
Take either the S1 or the S8 (S-Bahn) to the city. Get off at stop „Karlsplatz/Stachus“ and take the streetcar Nr. 27 in the direction of Petuelring. The third stop is „Pinakothek“, at the intersection of Barerstr. and Theresienstr. The conference venue is in the building on the right side next to the tram station.

## MVV Munich

For further information and planning your journey, maps and stations as well as tickets and fares please visit [www.mvv-muenchen.de](http://www.mvv-muenchen.de)



# Floor plan







# LABOR STABER

Medizinische Diagnostik

Das LABOR STABER ist eine überregionale Laborgruppe für:

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- Mikrobiologie
- Zytologie
- Pathologie
- Transfusionsmedizin
- Humangenetik
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[www.labor-staber.de](http://www.labor-staber.de)