

SCIENTIFIC PROGRAM OF THE 5TH SYMPOSIUM TROPICAL MEDICINE AND INFECTIOUS DISEASES IN AN INTERNATIONAL MILITARY CONTEXT



**Bundeswehrkrankenhaus
HAMBURG**

Akademisches Lehrkrankenhaus des Universitätsklinikums Hamburg-Eppendorf



Thomas Harbaum
Brigadier General, Medical Corps

Clinical Management of Infectious Diseases in Times of Disaster and War

We cordially invite you to the 5th Symposium on Tropical Medicine and Infectious Diseases in an International Military Context. Hosted by the Bundeswehr Hospital Hamburg, the event will take place from August 26 to 28, 2026. The symposium focuses on the topic „Clinical Management of Infectious Diseases in Times of Disaster and War,“ addressing current aspects of the prevention, diagnosis, treatment, and management of infectious diseases.

Topics of interest include but are not limited to:

Infectious diseases in modern conflicts – lessons learned

- » New developments in the diagnosis and treatment of infectious diseases
- » Challenges of antibiotic resistance
- » Unusual case reports
- » Skin infections
- » Vectors and vector-borne infections
- » Infections and combat injuries
- » Infectious disease monitoring
- » Infection prevention and control

The established and prestigious symposium in Hamburg offers participants an opportunity to meet with colleagues and friends and to exchange information and ideas. Young colleagues and students are encouraged to join the community of military medical officers who specialise in the prevention, diagnosis and management of infectious diseases. The relaxed atmosphere of the symposium helps to promote both scientific and collegial dialogue.

I look forward to seeing you in Hamburg in 2026.

Thomas Harbaum

Wednesday, 26th August 2026

Session 1

Opening & key topic vaccine-based and medical infectious disease prevention

Chairs:
Dorothea Wiemer,
Hagen Frickmann

13:45 – 14:00	Musical opening	Hagen Sommerfeldt and colleagues
14:00 – 14:10	Opening speech: Commander of the Bundeswehr Hospital Hamburg	Thomas Harbaum
14:10 – 14:20	Opening speech: Head of Department of Tropical Medicine and Infectious Diseases, Bundeswehr Hospital Hamburg	Dorothea Wiemer
14:20 – 14:50 (Key note)	Mpox, anthrax & co. - niche vaccines for uncommon pathogens	Andreas Zautner
14:50 – 15:10	Evaluation of a Booster Dose of the Tetravalent Dengue Vaccine, TAK-003, in Healthy Children in Dengue-Endemic Regions (DEN-301)	Caroline Mächler
15:10 – 15:30	No quantitatively relevant increase of the antibiotic resistance risk in deployed German soldiers using doxycycline-based antimalarial chemoprophylaxis	Hagen Frickmann



Coffee break

Session 2

Innovative diagnostic approaches

Chairs:
Gunnar Müller,
Ralf Matthias Hagen

16:00 - 16:30 (Key note)	The Role of Pathology in Tropical Medicine Infection Diagnostics	Gunnar Müller
16:30 – 16:50	Evolution of spectrometry-based infectious diseases diagnostics – on added value of FTIR in comparison to sole MALDI-TOF-MS	Miriam Cordovana
16:50 - 17:10	Automated wing shape analysis for accessible identification of mosquitoes and other pathogen-transmitting Diptera	Kristopher Nolte
17:10 - 17:30	Up-to-date aspects of infectious disease diagnostics during missions – bridging the gap between past & future	Ralf Matthias Hagen

Thursday, 27th August 2026

Session 3

Tropical dermatology

Chairs:

Tina Uhlmann,
Fenja Gläsle

Annkatrin Pleintinger

Fathima Benazir Mohamed
Karideen

Tina Uhlmann

Fenja Gläsle

● 09:00 – 09:30
(Key note)

Wounds around the world

● 09:30 – 09:50

Dermatology Education in Sri Lanka and
Contribution of the German Dermatology
Society

● 09:50 – 10:10

When clinical Dermatology meets Ayur-
veda: Insights from my observership at
South Colombo Teaching Hospital

● 10:10 – 10:30

Leprosy, Samba and the Amazon River -
Training in Tropical Medicine in Brasil

Coffee break

Session 4

Infectious disease epidemiology and
surveillance

Chairs:

Albert Eisenbarth,
Sutchana Tabprasit

Manasawee Thongsringklee

Sukon Boonkea

Swati Jagtap

Divine Kporxah

● 11:00 – 11:30
(Key note)Medical Intelligence and Infectious
Disease Monitoring for Health Threat
Prevention in Military Training Areas

● 11:30 – 11:50

Active Surveillance of Pathogenic
Leptospira in Environmental Samples
and Rodent Reservoirs in Military Areas
of Thailand

● 11:50 – 12:10

Agua Salud Alphavirus Infection, Dis-
semination and Transmission in Aedes
aegypti Mosquitoes

● 12:10 – 12:30

Prevalence and Demographic Profile of
Viral Hepatitis among Deployed Military
Personnel: A Case Study of Ghana
Armed Forces

Lunch break

Session 5

Entomology and One Health

Chairs:

Andreas Krüger,
Archile Paguem

Andreas Krüger

Anna Heitmann

Stephanie Jansen

Archile Paguem

● 13:30-14:00
(Key note)Study: From regional vector studies to the
new "Tick-Surveillance BW"

● 14:00-14:20

Expanding the vector spectrum: Assessing
the risk of Barmah Forest virus transmis-
sion by mosquito species from Europe

● 14:20-14:40

Risk assessment of Oropouche virus
transmission by mosquitoes in Europe

● 14:40-15:00

Vector-borne and zoonotic diseases at
work: a One Health perspective in the face
of climate change

Coffee break

Session 6

Pathology, virulence and antimicro-
bial resistance

Chairs:

Mirko Himmel,
Marcel Roswora

Mirko Himmel

Joy Backhaus

Neyaz A Khan

Marcel Roswora

● 15:30-16:00
(Key note)Meloidosis: From Molecular Virulence
Mechanisms to Challenges in Environ-
mental Surveillance

● 16:00-16:20

Interactions of enteric microorganisms

● 16:20-16:40

Molecular epidemiology and antimicro-
bial resistance of extended-spectrum
beta-lactamases-producing Enterobac-
ter cloacae complex among mothers,
neonates, and hospital environments in
Tanga, Tanzania

● 16:40-17:00

Clinical features of cutaneous
leishmaniasis

17:30-20:30 Evening Reception

- Free of charge

- Uniform and smart casual welcome

Friday, 28th August 2026

Session 7 TED-Session

● 09:00 – 09:22	TED-case 1
● 09:22 – 09:44	TED-case 2
● 09:44 – 10:06	TED-case 3
● 10:06 – 10:30	TED-case 4



Session 8

Patient management, biological risk assessment, as well as presence and future of tropical medicine training in the armed forces; farewell ceremony

● 11:00-11:30 (Key note)	Safe and Effective Care Everywhere: acting on useful lessons from operational health emergency response
● 11:30-11:50	Update Air Transport of Contagious Patients
● 11:50-12:10	Exposition Prophylaxis Against the Loiasis Vectors <i>Chrysops silacea</i> and <i>Chrysops dimidiata</i> – What is Actually Working?
● 12:10-12:30	Tropical Medicine Training in the German Armed Forces - Structure and Implementation Experience
● 12:30-12:45	Farewell ceremony

Chairs:
Dirk Hagemeister,
Simone Kann

Simone Kann
Tobias Wägelöhner
Luis Hinterwaldner
Dirk Hagemeister

Chairs:
Patricia Hacker,
David Brett-Major

David Brett-Major
Jörg Siedenburg
Albert Eisenbarth
Patricia Hacker
Thomas Harbaum

Poster presentation every day

- 1 The Hidden Burden of Post-Deployment Malaria: Molecular Surveillance and Outbreak Investigation Among Royal Thai Army Peacekeepers Returning from South Sudan (Sutchana Tabprasit)
- 2 Giant Urinoma and Urinorhax Complicating Emphysematous Pyelonephritis at the First Presentation of Diabetes Mellitus in a 22-Year-Old Ghanaian Woman: A Case Report. (Rashid Awudu Rahman)
- 3 High burden of vancomycin-resistant Enterococcus colonization and association with antibiotic exposure among hospitalized patients in Ethiopia (Kirsten Eberhardt)
- 4 Exposition Prophylaxis Against the Loiasis Vectors *Chrysops silacea* and *Chrysops dimidiata* – What is Actually Working? (Albert Eisenbarth)
- 5 Biosafety of wood-based constructions and tenacity of viral pathogens (Martin Oettler)
- 6 Closing the Diagnostic Gap: Rapid Molecular Response to Bundibugyo Ebolavirus in the Democratic Republic of the Congo (DRC) (Karin Rottengatter)
- 7 Metagenomic pathogen detection in cell-free DNA sequencing data with cfCOP (Alona Tysha)
- 8 Portable cell-free DNA metagenomic sequencing for sepsis diagnosis in a resource-limited Ethiopian setting (Anna Rommerskirchen)
- 9 Tropical Medicine Training at KCMC Hospital in Moshi, Tanzania (Alena Körber)
- 10 Re-emerging Infections in Wound Care: Cutaneous Diphtheria in Civilian and Military Contexts (Emilia Kruschel)
- 11 Biosurveillance of asymptomatic malaria using field molecular detection in low-transmission areas of Khanh Hoa province, Vietnam (Nguyen Kien Cuong)

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