Mandate and activities of the new 
FAO Reference Centre
for 
Veterinary Public Health
(FAO-RC-VPH)

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Who we are

The **FAO Reference Centre for Veterinary Public Health** at the **Faculty of Veterinary Medicine** consists of

**Faculty Panel Veterinary Public Health**

- Institute of Meat Hygiene and Technology (Univ.-Prof. Dr. Reinhard Fries)
- Institute of Food Hygiene (Univ.-Prof. Dr. Thomas Alter)
- Institute of Animal Welfare and Behavior (Prof. Dr. Jörg Luy)
- International Animal Health (Univ.-Prof. i. R. Dr. Karl-Hans Zessin)

Cooperating institutes at the Faculty a.o.
- Institute of Poultry Diseases
- Institute of Animal and Environmental Hygiene
- Institute of Parasitology and Tropical Veterinary Medicine
What is Veterinary Public Health?

the contribution to the physical, mental and social well being of humans through

an understanding and application of veterinary science
Our MANDATE I

FAO Reference Centres are
• institutions designated by the Director-General of FAO

• regarded as centres of excellence in providing
  o technical expertise
    - provision of information and advice of a scientific, technical and policy nature

  o diagnostic services
    (emergency) confirmatory laboratory services to FAO member countries, here:
    - detection of zoonotic agents along the food chain
    - serotyping and genotyping of Salmonella strains

  o standardization of technology
    - provision of reference substances and services
    - therapeutic and other substances, and of methods/procedures
    - quality assurance
The FAO Reference Centre for Veterinary Public Health includes the following functions

- participation in **collaborative research** of scientific, technical or policy nature;
  - *coordination* of activities carried out by other institutions
    - coordinating research and developmental studies, and
    - contributing to FAO projects

- contribution to **capacity development** *inter alia* through the **provision of training**
  - in the **laboratory** and the **field**
Our ongoing ACTIVITIES I

- Contributing to professional development and capacity building

**Integrated and ongoing:**

- Joint Master in Veterinary Public Health (MVPH) with Chiang Mai University in Thailand

### 5th Joint MVPH Course

Faculties of Veterinary Medicine of Freie Universität Berlin (FUB) and Chiang Mai University (CMU)/Thailand

**Course Programme 2011 - 2013**

**Year 1**

2011

- **Oct**: INTRODUCTORY Modules (CMU Thailand)
- **Nov**: ADVANCED Modules (FUB Germany)
- **Dec**: REGION-SPECIFIC Modules (UVMV Vienna)
- **May**: Project proposal (CMU Thailand)

**Year 2**

2012

- **Oct**: Bridging module (CMU Thailand)
- **Nov**: M Sc thesis FIELD WORK
- **Dec**: M Sc thesis FIELD WORK

2013

- **Jan**: Drafting THESIS (CMU Thailand)
- **Feb**: Final thesis draft (Home Country)
- **Mar**: Final defense (CMU Thailand)
- **May**: Final thesis draft (Home Country)
- **June**: Final defense (CMU Thailand)
- **July**: Final defense (Home Country)
- **Aug**: Final defense (CMU Thailand)
- **Sept**: Final defense (FUB Germany)
Our ongoing ACTIVITIES II

- Contributing to the improvement of disease diagnostic capability of national and regional laboratories in FAO member countries

in the case of the

Joint Master Programme in Veterinary Public Health (MVPH) of Freie Universität Berlin and Chiang Mai University in Thailand:

Every master student carries out a laboratory based field study in his/her home country; within this academic requirement of home country studies diagnostic laboratory work is done in the respective `home´ lab:

6th Joint MVPH Programme 2011-2013, among others:
- Philippines  Microbiol. hygiene status pig slaughterhouse
- Vietnam  Salmonella spp. diagnostics
- Thailand  Str. suis in healthy slaughter pigs
- Philippines  Campylobacter spp. diagnostics
- Vietnam  Vibrio spp. diagnostics, antimicrob. resistance
- Nepal  Salmonella spp. diagnostics
- Bangladesh  Antimicrobial resistance using E. coli
- China  ESBL E.coli in dairy farms

Previous Joint MVPH programmes 2003-2011, among others:
- Bhutan  Inspection of cattle intended for slaughter
- Cambodia  Inspection of swine intended for slaughter
Since 2003 together with the Chiang Mai University in Thailand

Joint Master in Veterinary Public Health (MVPH)

for participants from South (-East) Asia

with its

VPHCAP
Veterinary Public Health Centre for Asia Pacific

(http://vphcap.vet.cmu.ac.th/)
University of Veterinary Medicine, Vienna, AUSTRIA
Institute of Meat Hygiene, Meat Technology and Food Science

Scholarships for programme participants by the German Academic Exchange Service (DAAD) under its “Aufbaustudiengänge mit entwicklungslandbezogener Thematik”

Federal Institute for Risk Assessment (BfR)
Professional development and capacity building

Integrated and ongoing:

- Joint Master in Veterinary Public Health (MVPH) with Chiang Mai University in Thailand

“Sandwich” and other PhD/Doctoral projects

Ethiopia:
- Mr. Adem Hiko Wosie with Prof. Fries, Institute of Meat Hygiene and Technology, in cooperation with Haramaya University

Thailand:
- Mr. Arsooth Sanguankiat (MSc VPH) of Kasetsart University with Prof. Fries, Institute of Meat Hygiene and Technology

China:
- Mrs. Meng Lu with Prof. Alter, Institute of Food Hygiene, under Chinese Scholarship Council (CSC)

Uganda:
- Mrs. Kristina Rösel within BMZ-ILRI “Safe Food Fair Food 2” Project (SFFF2-Project)

Annual Conferences at the Institute of Meat Hygiene

Training courses for “Official Auxiliaries in Food Animal Inspections”
Further Collaborations

- **ILRI** (International Livestock Research Institute) and BMZ (Federal Ministry of Development Cooperation) Project “Safe Food – Fair Food” for Africa (http://safefoodfairfood.wordpress.com/)

- **Unit Microbial Toxins, Department Biological Safety at the BfR** (Federal Institute for Risk Assessment) as joint partners in the BMZ-ILRI “Safe Food Fair Food 2” Project, 2012 - 2015

- **GIZ** (Deutsche Gesellschaft für Internationale Zusammenarbeit) Rural Development and Agriculture Department

- Veterinaires Sans Frontieres (VSF) Germany (Tierärzte ohne Grenzen): projects in Eastern Africa (South Sudan, Sudan, Somalia, Somaliland, Puntland, Kenya).

- Azerbaijan State Agricultural University (ASAU), Ganja, Azerbaijan

- Erasmus Intensive Programme Project “Veterinary Public Health and Emerging Zoonotic Diseases (VPHealth)” with Latvia, Lithuania, Estonia, Finland, Denmark (together with University of Veterinary Medicine Hannover & Justus Liebig University Giessen)
Our VISION

- The FAO Reference Centre for Veterinary Public Health is to play a substantial role now and in the future in the propagation of veterinary public health in all its facets.

- The FAO Reference Centre for Veterinary Public Health is in particular dedicated to consumer protection by providing state-of-the-art diagnoses for zoonotic agents along the livestock value chain.

- The FAO Reference Centre for Veterinary Public Health is prepared to contribute considerably to capacity building in laboratory and field through training and professional education.
Thank you very much for your attention

For more information
please visit

einrichtungen/sonstige/fao_ref_centre_vph/