

Freie Universität Berlin
Faculty of Veterinary Medicine
Scientific Panel Veterinary Public Health

- Department International Animal Health
- Institute of Animal Welfare, Animal behaviour and Laboratory Animal Sciences
- Institute of Meat Hygiene and Technology
- Institute of Food Hygiene



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Areas of Institute's Concerns

1. Development of Food Chain Control Concepts

„Follow the animal through the stages“

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System development on the field of food supply chains

1. Baseline: Follow the routes of the chains (techniques, procedures)
2. Find out the risks within particular chains
differ from chain to chain
different in different regions
3. Counter measures (good practices along the lines)
4. Verification: Elements for testing/ detection
5. Development and implementation of systems being appropriate to the situation
(Multidisciplinary approach: „Complex systems“)

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For that ...: Research

- Methods: Microbiology (conventional, molecular), epidemiology, necropsy
- Individual projects: Analysis of food chains
 - for zoonotic agents
 - For hygiene weaknesses
 - for weaknesses in animal wellbeing
- Complex Systems: For (practical) implementation

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For that .. : Education

Postgraduate Master Course on VPH (accredited)

- with Chiang Mai University, Thailand and Veterinary University Vienna
- Addressing (mostly) vets from SEA (also China, Indian subcontinent)
- 2 years with elaborated field studies
- Modules in Berlin: Food chains, VPH, laboratory practice, epidemiology, food safety

Engaged in education of paravets and workers (national),
(2 international projects submitted)

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Our Contribution ...

- Participate in one chain
- Take care for a student (sandwich programme)
- (Lab education and preparation)
- Look for risks (single individual projects) (*)
- Develop a model consisting of good practices and verification procedures
- Training & education (VPH textbook nearly finalised)

* At present:

Salmonella, Campylobacter, Yersinia, MAIC, Erysipelothrix, Str. suis, Listeria, Toxoplasma, Trichinella, Cysticercus, Hepatitis E Virus

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