

Invitation for the WG 4 COST Action FA1401 Meeting

WG4 - Antibiotics as a factor of dysbiosis and spread of antibiotic resistance genes.

Date: 30th November-1st December 2016

Goals of WG 4 are:

1. To stimulate discussion about health conditions and how management decisions differ in farms with high use of antibiotics relative to farms that have been able to largely eliminate the use of antibiotics in piglet rearing.
2. To analyse and discuss the impact of the spread of antibiotic resistance of bacteria in pig production around the world, with main attention on the areas with high livestock production.
3. To highlight the impact of genetic make-up and varying hygiene conditions on the increase in antibiotic resistance.
4. To open discussion on recent evidence that some dietary factors can favour antibiotic resistance (such as high dosed minerals or amino acids).
5. To assess the impact of the reduction of bacterial variability due to the antibiotic resistance of some bacterial stains, on health and productivity in pig production systems.

Agenda

Wednesday 30th November

11.45 – 12.30	Buffet meal
12.30	Welcoming and description of the meeting
12.45 – 13.15	Introduction of to the objective of the WG 4 – Dimitris Papadopoulos, Geert Bruggemann
13.15 – 13.45	Road map until the end of the Action, definition of specific topics, and definition of leaders for each sub-group
13.45-14.15	Practical experience with the reduction of antibiotics in pigs – Christoph Sudendey, field veterinarian

- 14.15-14.45 Zinc and pigs, the good and the bad – Robert Pieper
- 14.45-15.15 Coffee break
- 15.15- 18.00 Health conditions and management decisions in farms with high use of antibiotics relative to farms that have been able to largely eliminate the use of antibiotics in piglet rearing.
- Joint discussion, Definition and roadmap to Deliverables, Draft of a Questionnaire
- 19.00 – 22.00 Dinner in Berlin

Thursday 1st December

- 9.15 – 9.30 Arrival
- 9.30-9.50 National approaches to reduce the usage of antibiotics – Situation in Germany – Jürgen Zentek
- 9.50-10.10 Belgian antibiotic reduction platform, guidelines for the proper and prudent use of antibiotics in Belgium (University Ghent & AMCRA)
- 10.10-10.30 The prudent use of antibiotics in the fight against anti-microbial resistance in swine production; a scientific and regulatory approach. (Assistant Prof. Laboratory of Pharmacology & Toxicology, School of Veterinary Medicine, Aristotle University of Thessaloniki)
- 10.30-10.45 Coffee break
- 10.30- 13.00 Joint discussion, Definition and roadmap to Deliverables, Draft of a position paper
- 13.00-14.00 Lunch break
- 14.00-16.00 Specific Aspects, Small Working Groups

Closure of the meeting

Practical hints

Participants are asked to confirm attendance to: juergen.zentek@fu-berlin.de

Our meeting will take place in the seminar room of the institute of animal nutrition.

Address

Freie Universität Berlin, Department of Veterinary Medicine, Königin-Luise-Str.49,
Building 4, 14195 Berlin

Hotel recommendations:

1. [Seminaris CampusHotel Berlin](mailto:berlin@seminaris.de): berlin@seminaris.de
2. [Best Western Plus Hotel Steglitz International](mailto:info@steglitz.bestwestern.de): info@steglitz.bestwestern.de
3. [Hotel Landhaus Schlachtensee](mailto:nissen@hotel-landhaus-schlachtensee.de): nissen@hotel-landhaus-schlachtensee.de

Berlin can be reached:

- by plane to Berlin-Tegel, TXL (from this airport it is much easier and faster to reach the reserved hotels and the congress location) or Berlin-Schönefeld, SXF (here you will probably get the cheaper flights)
- by train to Berlin Central Station (Hauptbahnhof)
- by car: please use your navigation system and the respective addresses for the hotels

From Berlin-Tegel to the hotels and to the congress location:

General information for Tegel:

Upon arrival at Tegel Airport, please find your way to the Bus Terminal, which is located in front of Terminal A, from where buses depart into the city. A ticket can be purchased from a vendor or the bus driver for a cost of 2.70 EUR one-way. It may be helpful to have small change or 5 or 10 EUR bills on hand. The buses X9 or 109 towards S+U Zoologischer Garten depart from Tegel Airport every few minutes. Please note that it may be necessary to press the Stop or Halten button in the bus in order to alert the bus driver that you want to exit at a particular stop.

Seminaris Campus Hotel Berlin (*Takustraße 39, 14195 Berlin*):

- Take the Bus X9 or Bus 109 to *U Jakob-Kaiser-Platz* (direction *S+U Zoologischer Garten*)
- Take the U7 to *U Fehrbelliner Platz* (direction *U Rudow*), then
- Take the U3 to *U Dahlem Dorf* (direction *U Krumme Lanke*)
- Please take the elevator to the upper level (it will be a 10 min walk to the hotel)
- After leaving the elevator turn left and follow *Fabeckstraße*
- Turn left into *Arnimallee*
- After approx. 200 m the hotel will be visible
- The main entrance of the hotel is located at *Takustraße 39*

Best Western Plus Hotel Steglitz International (*Schlosstrasse/Albrechtstrasse 2, 12165 Berlin*):

- Take the Bus X9 or Bus 109 to *S+U Zoologischer Garten* (direction *S+U Zoologischer Garten*), then
- Take the U9 to *U Rathaus Steglitz* (direction *U Rathaus Steglitz*)
- The hotel will be visible when you reach the upper level
- The main entrance of the hotel is located at **Albrechtstrasse 2**

Landhaus Schlachtensee (*Bogotastr. 9, 14163 Berlin*):

- Take the Bus X9 or Bus 109 to *U Jakob-Kaiser-Platz* (direction *S+U Zoologischer Garten*)
- Take the U7 to *U Fehrbelliner Platz* (direction *U Rudow*), then
- Take the U3 to *U Krumme Lanke*
- Take the bus on the opposite side of the street to *Mexikoplatz*
- 5 min walk from there

<http://hotel-landhaus-schlachtensee.de/en/anfahrt.html>