

Antimicrobial resistance in veterinary medicine, Seminar

(1 SWS), min. 5, max. 30 participants,
2nd half of semester, Wed, 14:15 – 15:45 (Start 14.12.2011)
– Mitte Philippstr. 13, house no. 4 (Ostertaghaus),
Institute for Microbiology and Epizootics, lecture hall
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Multiresistant bacteria pose a serious threat to Public Health in human medicine as well as in the veterinary context worldwide. With this lecture we try to give an overview on the current situation in veterinary medicine in the field of antimicrobial resistance. Focus will be laid on Extended-spectrum beta-Lactamases producing Enterobacteriaceae and Methicillin resistant Staphylococci species. Besides livestock and companion animals we will also review wildlife as possible host of multiresistant bacteria. After outlining the current situation the implementation of surveillance and monitoring programs of multiresistant bacteria in veterinary medicine in particular in view of new putative infection cycles between humans and animals will be discussed.