Wednesday, 26 April 2017

11:00–11:30 a.m.
Opening
Prof. Dr Dr Andreas Hensel, BfR, Berlin
Welcome
Bärbel Brumme-Bothe, BMBF, Berlin

Tasks and objectives of the consortia
11:30 a.m.–12:00 p.m.
MedVet-Staph
PD Dr Robin Köck, University Hospital Münster

12:00–12:30 p.m.
RESET
Prof. Dr Lothar Kreienbrock, TiHo Hannover

12:30–1:30 p.m. lunch

Main results of the consortia
1:30–2:30 p.m.
MedVet-Staph
The MedVet-Staph team

2:30–3:00 p.m.
RESET
The RESET team

3:30–4:00 p.m. coffee break

Consequences from the research results
4:00–4:30 p.m.
Statement: Consequences – BMEL point of view
Dr Karin Schwabenbauer, BMEL, Bonn
Statement: Consequences – BG point of view
Dr Antina Zeigeleman, BGM, Berlin
Statement: Consequences – Health authority point of view
Dr Matthias Pulz, NLGA, Hannover

4:30–5:30 p.m.
Discussion

Research results from RESET
9:30–9:45 a.m.
Molecular epidemiology of ESBL-/AmpC-producing enterobacteria in the broiler production chain
Michaela Projahn, FU Berlin

9:45–10:00 a.m.
Occurrence of carbapenem-resistant *Escherichia coli* and *Salmonella enterica* isolates within German chicken fattening farms
Dr Nicole Roschanesi, FU Berlin

10:00–10:30 a.m.
Analyses of associations of *E. coli* isolate characteristics and epidemiological information
Katja Hille, TiHo Hannover

10:30–11:00 a.m. coffee break

Research results from MedVet-Staph
11:00 –11:25 a.m.
Multidrug-resistant bacteria entering a horse clinic
Dr Birgit Walther, FU Berlin

11:25–11:50 a.m.
*Staphylococcus aureus* CC398: Factors promoting host adhesion and immune evasion
Dr Phillip Jung, University Saarland, Homburg/Saar

11:50 a.m.–12:15 p.m.
How big is the risk? Update on MRSA in the food chain
Dr Alexandra Fetsch, BfR, Berlin

12:15–12:40 p.m.
Living in livestock-dense regions: Impact of livestock-associated MRSA on human infection and colonization
PD Dr Robin Köck, University Hospital Münster

12:40–1:00 p.m.
Development of diagnostic kits for selected markers of resistance, virulence and zoonotic transmission among methicillin-resistant *Staphylococcus aureus*
Dr Boris Oberheitmann, Q-Bioanalytic, Bremerhaven

1:00–2:00 p.m. lunch

Thursday, 27 April 2017

8:30–8:45 a.m.
Welcome
Prof. Dr Lothar Kreienbrock, TiHo Hannover

8:45–9:30 a.m.
Invited Talk: Antimicrobial resistance as a central One Health task
Prof. Dr Lothar Wieler, RKI, Berlin

Research results from MedVet-Staph
11:00 –11:25 a.m.
Multidrug-resistant bacteria entering a horse clinic
Dr Birgit Walther, FU Berlin

11:25–11:50 a.m.
*Staphylococcus aureus* CC398: Factors promoting host adhesion and immune evasion
Dr Phillip Jung, University Saarland, Homburg/Saar

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How big is the risk? Update on MRSA in the food chain
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Living in livestock-dense regions: Impact of livestock-associated MRSA on human infection and colonization
PD Dr Robin Köck, University Hospital Münster

12:40–1:00 p.m.
Development of diagnostic kits for selected markers of resistance, virulence and zoonotic transmission among methicillin-resistant *Staphylococcus aureus*
Dr Boris Oberheitmann, Q-Bioanalytic, Bremerhaven

1:00–2:00 p.m. lunch
Friday, 28 April 2017

Research results from RESET

9:00–9:30 a.m.
Significance of environmental contaminations on the development of bacterial resistance to antibacterial agents in indicator animals
Jessica Meißner, TiHo Hannover

9:30–10:00 a.m.
New occurrence of VIM-1 producing E. coli in German pig production
Dr Alexandra Irrgang, BfR, Berlin

10:00–10:30 a.m.
ESBL and plasmid-mediated PMQR gene-carrying plasmids in E. coli and Salmonella from diseased animals: their role in antimicrobial resistance, biocide tolerance and virulence of the isolates
Dr Geovanna Brenner Michael, FU Berlin

10:30–10:45 a.m.
Possibilities and limits of logistic regression for the study of the transmission dynamics of ESBL/AmpC producing E. coli between broiler flocks
Dr Guido Correia Carreira, BfR, Berlin

10:45–11:00 a.m.
Assessment of the foodborne transmission pathway for ESBLs
Prof. Dr Annemarie Käsbohrer, BfR, Berlin

11:00–11:30 a.m. coffee break

Research results from MedVet-Staph

11:30 a.m.–12:00 p.m.
Breaking the species barrier: Epidemiological dynamics and genetic changes in livestock-associated MRSA
Sarah van Alen, University Hospital Münster and Dr Britta Balhausen, BfR, Berlin

12:00–12:15 p.m.
MRSA in equine clinics and the impact for humans
Dr Christine Cuny, RKI, Wernigerode

12:15–12:30 p.m.
Occurrence of cfr-encoded linezolid resistance in coagulase-negative staphylococci from livestock and exposed humans
Prof. Dr Wolfgang Witte, RKI, Wernigerode

12:30–1:15 p.m.
Invited Talk: Intercultural differences in the prevention of antimicrobial resistance – the Dutch experience
Prof. Dr Alexander W. Friedrich, University Medical Center Groningen, Netherlands

1:15–1:30 p.m. farewell

RESET & MedVet-Staph – Final scientific symposium, 26 – 28 April 2017

The research consortium RESET performs research on the resistance against the very important antimicrobial classes of β-lactam-antibiotics and (fluoro)quinolones in enterobacteria.

The relevance of antimicrobial-resistant livestock associated staphylococci including Methicillin-resistance Staphylococcus aureus (MRSA) for the health of human beings and animals is investigated in detail in the consortium MedVet-Staph.

In both consortia, financed by BMBF, scientists from human and veterinary medicine, basic and applied science as well as epidemiology work closely together.

In this final scientific workshop both consortia will present their results to the public, to stakeholders and to scientists.

The main topics presented are:
- Recent results from research on the zoonotic transmission of staphylococci and enterobacteria resistant to antimicrobials
- Consequences for the field work
- Future developments and research needs

On Wednesday, the meeting is held in German, the following two days in English.

The recognition of medical and veterinary education credits is being requested.

Organisation:
University of Veterinary Medicine Hannover, German Federal Institute for Risk Assessment and German Research Platform for Zoonoses.

Scientific Secretariat:
Prof. Dr Lothar Kreienbrock
(University of Veterinary Medicine Hannover)

Prof. Dr Annemarie Käsbohrer
(German Federal Institute for Risk Assessment)

PD Dr Robin Köck
(University Hospital Münster)
Venue:
German Federal Institute for Risk Assessment
Lecture theatre
Diedersdorfer Weg 1, 12277 Berlin (Marienfelde)
Directions:
www.bfr.bund.de/de/marienfelde.html
Destination stop (on www.bahn.de, www.bvg.de)
„Nahmitzer Damm/Marienfelder Allee (Berlin)“

Registration:
Registration fee: 20 €
Please register online by 13.04.2017 on the website of the BfR academy
http://www.bfr.bund.de/en/events.html

Contact:
BfR Academy
Tel.: +49 (0)30 18 412 3456
Fax: +49 30 18 412 63456
academy@bfr.bund.de

Organiser:
Bundesinstitut für Risikobewertung
Max-Dohrn-Straße 8–10
10589 Berlin
www.bfr.bund.de

Venue:
German Federal Institute for Risk Assessment
Lecture theatre
Diedersdorfer Weg 1, 12277 Berlin (Marienfelde)
Directions:
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academy@bfr.bund.de

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10589 Berlin
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Fax: +49 30 18 412 63456
academy@bfr.bund.de

Organiser:
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Max-Dohrn-Straße 8–10
10589 Berlin
www.bfr.bund.de