COMBACTE – MAGNET
EPI-Net
Development of Capabilities in Epidemiology

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SUSPIRE
Surveillance Systems for Antimicrobial Resistance and Healthcare-Associated Infections in Europe

Lead: Jesús Rodriguez-Baño

AIM
Systematically assess all the organisations and scientific societies, providing regular data on frequency and/or distribution and/or determinants (contextual, patient, molecular/pathogen) of AMR outside the ND488 programme.

Status: Completed
- Review provides comparisons of 52 national/regional and 4 international surveillance systems, highlighting heterogeneity and structural issues in AMR surveillance in humans
- Study protocol accepted for publication. BMJ Open 2017
- Manuscript under internal review

SURVAIL
Survival of Antimicrobial resistance in Livestock and Food

Lead: Andreas Voss

AIM
Systematically review national and international surveillance programs and networks collecting multi-annual data on AMR of bacterial isolates from livestock and meat.

Status: Completed
- Review describes 13 national and 3 international surveillance programmes, indicating heterogeneity in surveillance principles and lack of coordination between animal food and human surveillance
- Manuscript under review with journal

EMBARGO
Epidemiology and control measures of outbreaks due to Antibiotic-Resistant organisms in EuroPee

Lead: Evelina Tacconelli
In collaboration with WP2 in DRIVE-AB (Lead: Stephan Harbarth)

AIM
Map past and ongoing outbreaks of target antimicrobial resistant bacteria (ARB) in Europe to characterise outbreaks epidemiology and infection control measures.

Status: Completed
- 430 hospital-associated outbreaks mapped and analysed
- Study protocol published. BMJ Open 2017
- Manuscript under preparation

Design tools for automated HAI surveillance
In collaboration with Maasik von Morsk (UMCU, Combacte)

AIM
Assess performance and feasibility of semi-automated surveillance framework in European settings.

Status
- Protocol finalised
- Data collection commenced in 3 centres
- Recruitment of 4th centre ongoing

EPI-Net web-based platform
Online gateway to up-to-date epidemiology data of significance in understanding the emergence, spread and control of antimicrobial resistance and healthcare-associated infections in Europe.

One platform integrating surveillance data from humans, animals and food in Europe

Status
- Design finalised
- Website and COR under development

EPI-Net scientific advisory group (SAG): established

Represents key government, academic, policy, and EFPIA stakeholders and will guide and advise the management team to formulate and articulate consensus around WP2 objectives

EPI-Net publication policy: finalised

Published bi-monthly.
To subscribe, write to: Nithya.Babu-Rajendran@med.uni-luebingen.de

2017 OBJECTIVES
Launch EPI-Net web platform (Open access: September 2017)

Agreement for data sharing within ND488

Final draft of consensus document on how to improve heterogeneity in HAI surveillance data

Unique in its scale, ambition, and its potential benefits for patients, public health and pharmaceutical research in Europe, COMBACTE has the potential to become the powerhouse of antimicrobial drug development in Europe that could serve as a standard for other groups. Join us!

Visit us at booth 29 in the exhibition hall.

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