



JOINT PROGRAMMING
INITIATIVE
ON ANTIMICROBIAL
RESISTANCE



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JPIAMR
2016

www.jpiaamr.eu



JPIAMR'S ADDED VALUE

ALIGNS INTERNATIONAL
RESOURCES TO ENABLE
JOINT ACTIONS IN
AREAS OF UNMET NEEDS

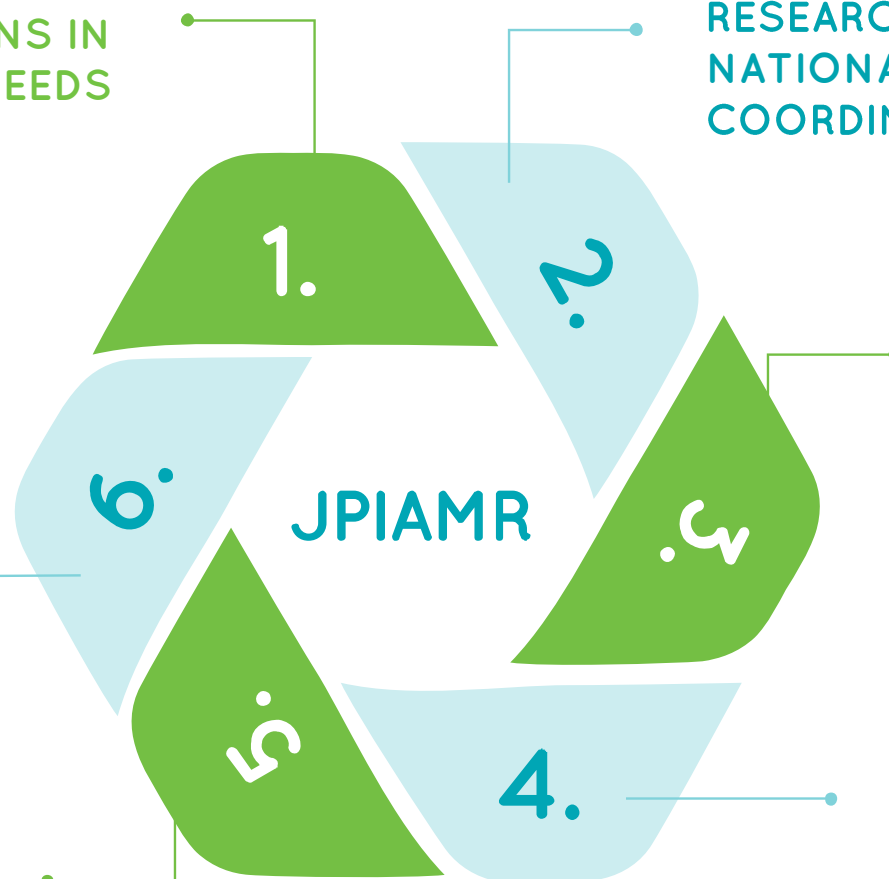
SHARED COMMON STRATEGIC
RESEARCH AGENDA TO ALIGN
NATIONAL PRIORITIES AND
COORDINATED ACTIONS

PROVIDES
NETWORKING
OPPORTUNITIES

COLLABORATIVE
PLATFORM TO TAKE
THE AMR COMBAT
FROM AWARENESS
TO ACTION

ALLOWS
FUNDING
POT TO CREATE
LARGER POT

SUPPORTING
INTERNATIONAL
RESEARCH AND
FACILITATING ITS
TRANSLATION TO
INDUSTRY AND
POLICY

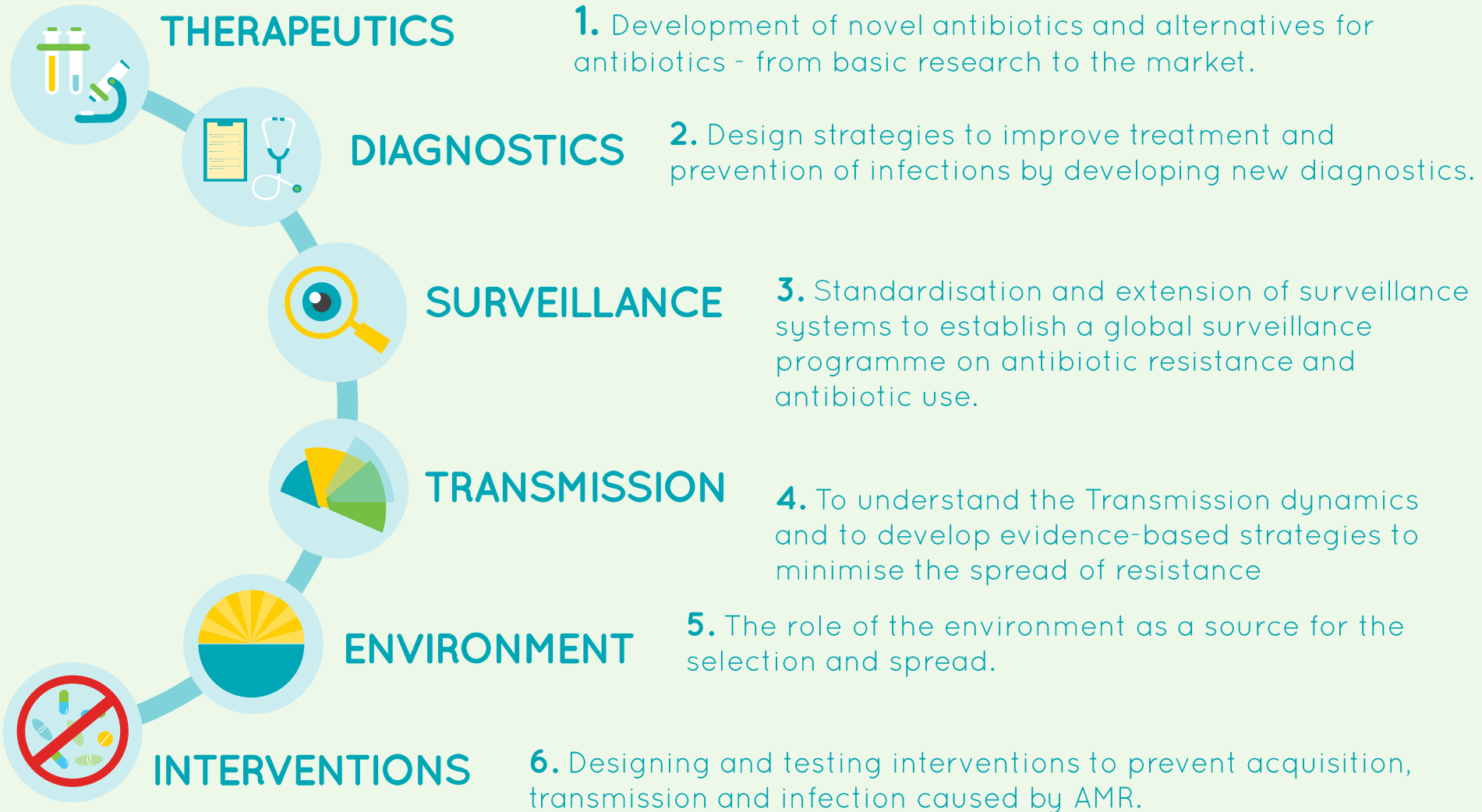


WORKING TOGETHER



22 countries to date have joined forces to define a common vision, a strategic research agenda and joint planning as well as implementation of national research programmes

STRATEGIC RESEARCH AGENDA (SRA)





DEVELOPING INTERNATIONAL COLLABORATION

THE WORLD HEALTH ORGANISATION (WHO)

- AMR Global Research Agenda
- WHO is an observer on the JPIAMR Management Board

G7

- Working closely on the elaboration and implementation of the AMR Declaration

Transatlantic US-EU Task Force on AMR (TATFAR)

Joint Industry Group EC-JPI-IMI-EFPIA



EXPLORATORY / SCOPING WORKSHOPS

- Information Systems, Feb 2015
 - Diagnostics, May 2015
 - Research Infrastructures, Oct 2015
 - Transmission Dynamics, Oct 2015
 - Intergovernmental Collaboration, Nov 2015
 - New Frontiers in Antibacterial Resistance Research, Jan 2016
 - Surveillance, Oct 2016
 - New Antibiotics, Dec 2016
 - ...
- TO IDENTIFY FUTURE JOINT ACTIONS
 - TO MAP THE LANDSCAPE AND IDENTIFY KNOWLEDGE GAPS
 - TO BRING TOGETHER EXPERTS FROM DIVERSE FIELDS



CALLS FOR RESEARCH PROPOSALS

- ANNUAL JOINT CALLS WITH FUNDING AGENCIES
Every January

JPIAMR's First Joint Call (launched January 2014)

Focus of Call	InnovaResistance: Innovative approaches to address antibacterial resistance
Number of countries	12
Total funding	13,8M€ awarded 8,2M€
Funding term	3 years (2014-15 to 2017-18)
Number of applications	40
Number of teams funded	7
Notes	<ul style="list-style-type: none">• Largest global initiative on AMR to date• Nominated projects cover areas within prevention of infection, treatment (therapy) development, drug development, target identification for antibacterial drug development, and pharmacokinetics

JPIAMR's Second Joint Call (launched May 2015)

Focus of Call	Repurposing of neglected antibiotics and characterizing antibiotics or antibiotic and nonantibiotic combinations
Number of countries	9
Total funding	9,65M€ awarded 4,45M€
Funding term	Up to 3 years, starting late 2015/early 2016
Number of applications	16
Number of teams funded	3
Notes	<ul style="list-style-type: none">• Goal is to sustain defense against AMR by reviving Neglected and Disused Antibiotics (ND-AB), designing combinations of ND-AB and antibiotic and also designing combinations of ND-AB and non-antibiotic in order to reduce occurrence of resistance or overcome established resistance.

Funded projects in JPIAMR therapeutics area: JPIAMR funds 10 projects with total funding of 12,6 M Euros with partners from 12 different countries in call 2014 and 2015

Area	Projects	Total budget (Euro)
Strategies to inhibit or reduce the acquisition of resistance	noTBsec, NPERDMDR, SENIBOTAR	3 278 101
New bacterial targets and/or therapeutic compounds	NAPCLI	1 424 062
Novel therapies to overcome known antimicrobial resistance mechanisms and restore susceptibility to conventional antibiotics	DesInMBL, REBEL	1 654 385
Re-evaluation of existing anti-microbial compounds	EVOBIOTIC	1 756 291
Repurposing of neglected antibiotics and characterizing antibiotics or antibiotic and non-antibiotic combinations to overcome bacterial antibiotic resistance	ABIMMUNE, CO-ACTION, COMBINATORIALS	4 544 624
TOTAL		12,6





ONGOING

FIRST EVER CALL ON AMR TRANSMISSION DYNAMICS

JPI-EC-AMR COFUND CALL

OPEN 18 JAN 2016 – Pre-proposals MARCH 2016

To unravel dynamics of transmission and selection of AMR at genetic, bacterial, animal, human, societal, and environmental levels, in order to design and evaluate preventive and intervening measures for controlling resistance.



YEAR OF CALL
CLOSURE:
2016



NUMBER OF
PARTICIPATING
COUNTRIES: **17**



TOTAL CALL
BUDGET: APROX
28 M EUR



EUROPEAN COMMISSION
CONTRIBUTION: APROX
7 M EUR

TOTAL: OVER 30 M EUR

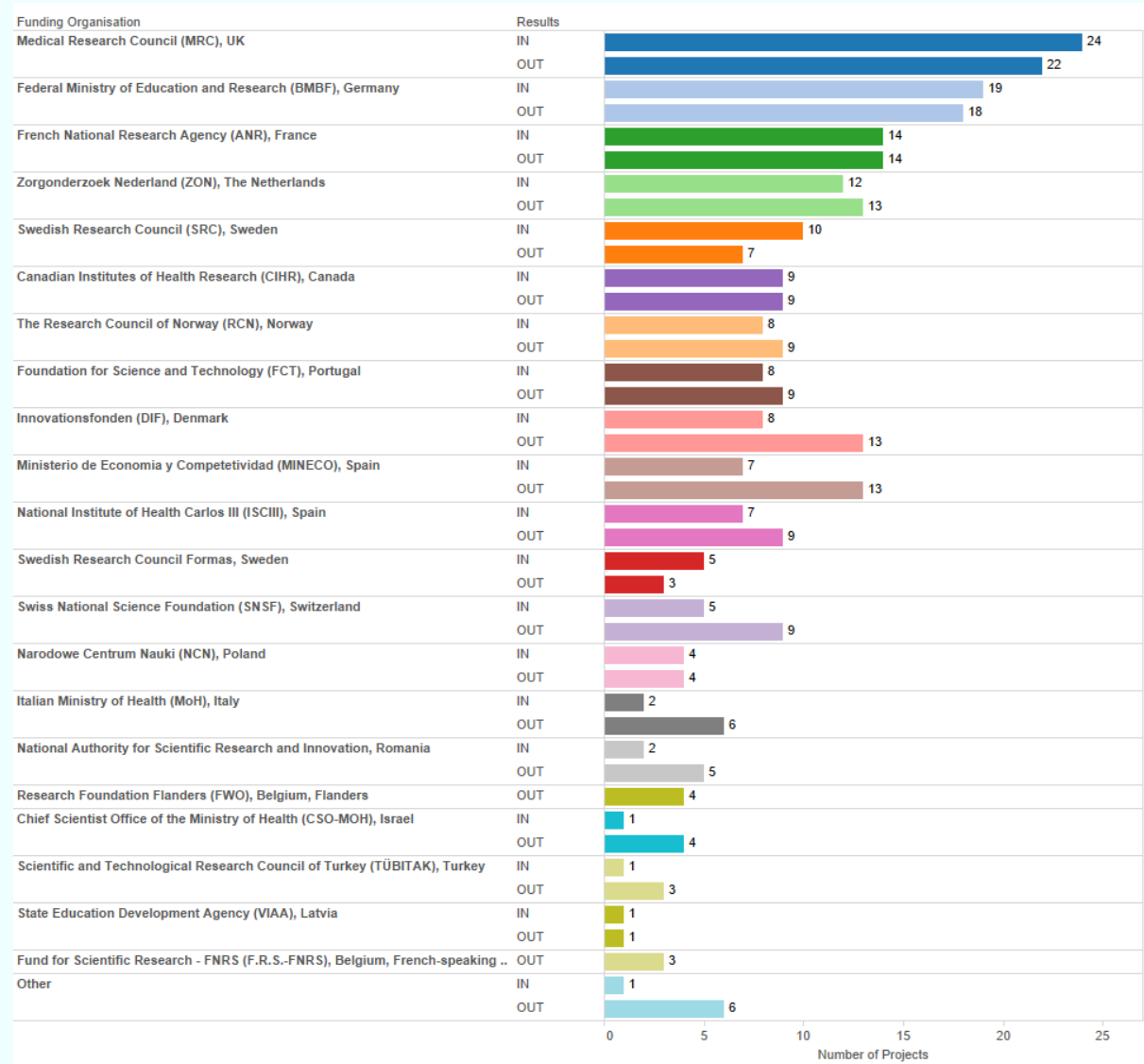
JPI AMR - 3rd call – Transmission dynamics



83 projects submitted
Requesting 118 M€



38 kept after
evaluation step 1



ONGOING

CALL ON AMR TRANSNATIONAL NETWORKS/WORKING GROUPS

A rapid-action call for leading scientists in the AMR field to establish networks that will develop guidelines and/or best practice frameworks. The supported networks will provide outputs within a timeframe of 6-12 months. The outcome is expected to act as a reference point for the wider AMR research community in planning/delivering future research studies



CALL
CLOSURE:
6 June 2016



NUMBER OF
PARTICIPATING
COUNTRIES: **10**



BUDGET PER
PROJECT: APROX
50,000 EUR



PROJECT LENGTH:
APROX
1 YEAR

TOTAL: OVER 650 K€ EUR

expectations to fund 10-13 networks

JPI AMR - 4th call – Networks/ Working groups

Guidelines on use (Human & Veterinary) – Affordable stewardship

Surveillance in primary care

New anti-infective/ New adjuvant therapies / Alternative approaches

Evaluation of risk for generation of resistance in human setting

Rapid diagnostic tests

Role of environmental factors

Infrastructures/Biobanks available relevant to infection and AMR

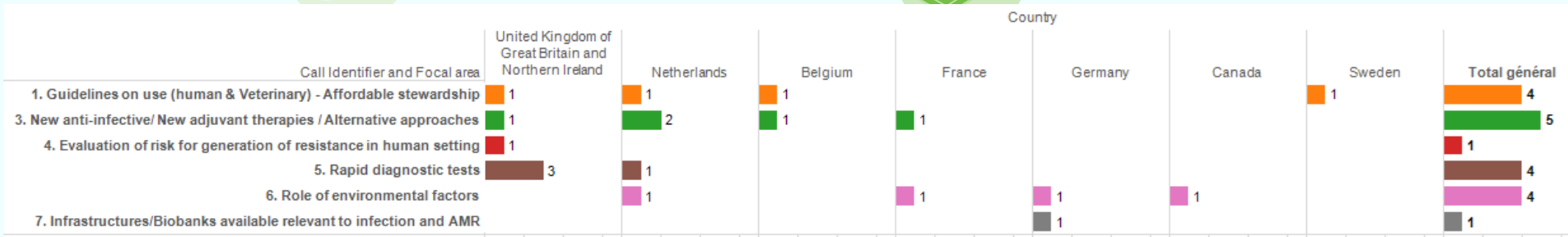
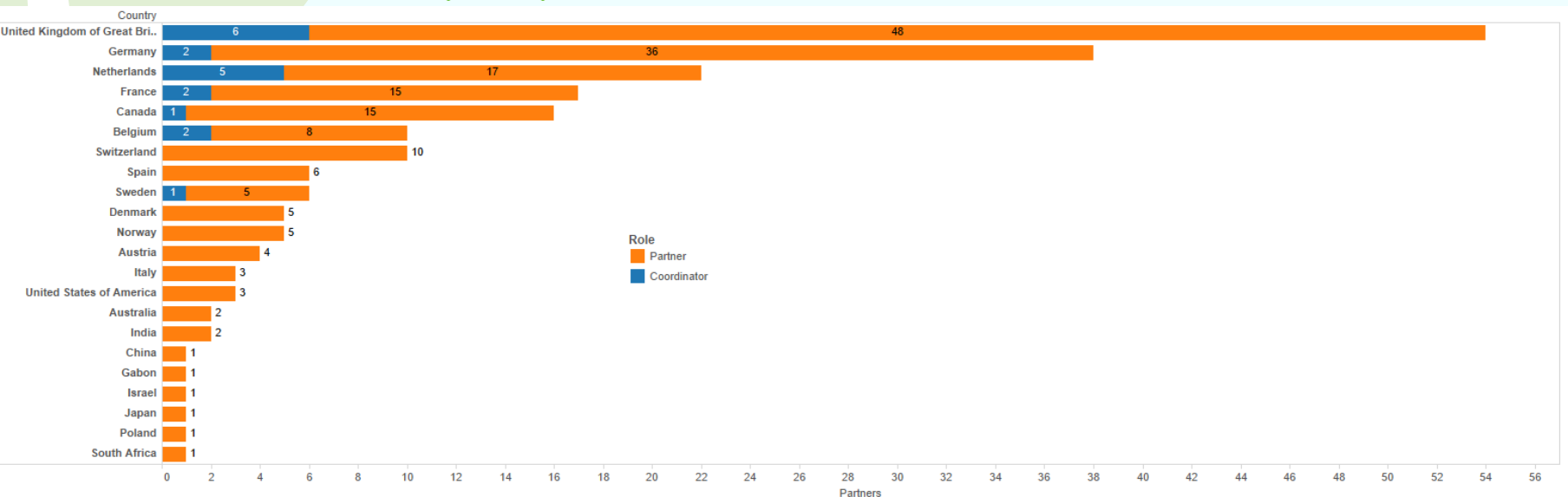
**Funding dedicated to
meetings/ Workshops/ brainstorming sessions**

**Expected output:
"white papers", strategies, prospective analysis, guidelines**

NEXT

CALL ON AMR RESEARCH NETWORKS

20 proposal received : 209 teams involved



JPI AMR - 5th call – INTERVENTIONS

NEXT CALL JANUARY 2017 CALL ON AMR INTERVENTIONS

- Large scale multi-center studies of different intervention strategies designed to prevent AMR infections in hospitals using a cluster-randomized design to find the most valuable ones. (Clinical outcome). Comparison of bundles of AMR prevention and control strategies in controlled cost-efficacy trials (in health care, agricultural, environmental settings).



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