



The fourth JPIAMR call: AMR Networks/Working Groups - 2016

In April 2016, JPIAMR launched a rapid action call for leading scientists and experts to establish Working Groups to enhance resource alignment and maximise existing and future research efforts to combat AMR.

The aim was to forward the conceptualisation of ideas as the basis for white papers, prospective views, guidelines and/or best practice/ roadmap/systematic reviews and frameworks, and to identify key questions to be addressed, or to identify potential solutions to overcome barriers to AMR research studies.

Participating countries were France, Canada, Belgium Spain, the United Kingdom, Germany, Norway, Sweden, and the Netherlands. The evaluation process included 10 international experts that performed remote evaluation and constituted the peer review panel.

In total, 13 Working Groups with approximately 160 partners were selected with budget of approximately 50.000 Euros each. These researcher networks will work on the development of different AMR policy recommendations and research strategies. Their outcomes will be published in December 2017. A final workshop will be organized by the end of 2017, beginning of 2018.

The MRC administered the funding for two networks.

Links:

<http://www.jpiaamr.eu/>

<http://www.jpiaamr.eu/fundedprojects/>



| JPI AMR 3rd Joint Call: Transmission Dynamics | | |
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| Project Coordinator | Institution | Title of Award |
| M.J.M. Bonten | University Medical Centre Utrecht, Netherlands | Consensus group on the design, analysis and reporting of antibiotic stewardship trials |
| Project Partners | | Summary |
| <p>M.J. Llewelyn, University of Sussex, United Kingdom</p> <p>C.H. van Werkhoven, University Medical Centre Utrecht, Netherlands</p> <p>V.A. Schweitzer, University Medical Centre Utrecht, Netherlands</p> <p>J. Rodríguez-Baño, Hospital Universitario Virgen Macarena Seville, Spain</p> <p>S. Harbarth, University of Geneva Hospitals and Medical Faculty, Switzerland</p> <p>E. Tacconelli, Universitätsklinikum Tübingen, Germany</p> <p>J.F. Timsit, Inserm Université Paris Diderot, France</p> <p>M. Wolkewitz, Freiburg Center for Data Analysis and Modelling, Germany</p> <p>S.A. Walker, University College London, United Kingdom</p> | | <p>Overuse of antibiotic is a major contributor to increasing resistance to antibiotics. One of the tools to reduce the inappropriate use of antibiotics is by antibiotic stewardship. Antibiotic stewardship interventions prevent antibiotic misuse by influencing the prescription behaviour of doctors. Research of antibiotic stewardship interventions are often of insufficient quality to demonstrate the safety of antibiotic stewardship. This is partly because it is unknown what are the best methods to design and analyse these interventions. We will establish a working group of experts on antibiotic stewardship and research design to determine the best way to design, analyse, and report antibiotic stewardship interventions. The goal of the working group is to formulate recommendations in a research guideline on antibiotic stewardship studies. The guideline aims to improve the quality of antibiotic stewardship research, which will lead to more effective use of recourses of safe and effective antibiotic stewardship interventions.</p> |

JPIAMR 3rd Joint Call: Transmission Dynamics

| Project Coordinator | Institution | Title of Award |
|--|---|--|
| Till Bachmann | University of Edinburgh, United Kingdom | AMR Rapid Diagnostic Tests (AMR-RDT) |
| UK Project Partners | | Summary |
| <p>Alasdair MacGowan, North Bristol NHS Trust</p> <p>Andrew Shepherd, Omega Diagnostics</p> <p>Ann Van den Bruel, NIHR Diagnostic Evidence Cooperative</p> <p>Barbara Fallowfield, British In Vitro Diagnostics Association</p> <p>Carla Deakin, National Institute of Clinical and Health Excellence</p> <p>Kate Templeton, NHS Lothian</p> <p>Mark Woolhouse, University of Edinburgh</p> <p>Neil Butler, Spectromics</p> <p>Neil Woodford, Public Health England</p> <p>Rosanna Peeling, London School of Hygiene & Tropical Medicine</p> <p>Saturnino Luz, Usher Institute</p> <p>Sue Hill, NHS England</p> <p>Tjeerd van Staa, Farr Institute Health Informatics Research</p> <p>Plus 36 partners outside the UK</p> | | <p>Antimicrobial Resistance (AMR) has become a global threat and rapid diagnostics are urgently needed to tackle this challenge. To identify barriers to the development, implementation and use of rapid diagnostics and propose a roadmap to future solutions we are launching AMR Rapid Diagnostic Tests (AMR-RDT) as a multi-sectoral, multi-stakeholder and interdisciplinary working group with global reach. It brings together over 50 key individuals and organisations from 15 countries worldwide that are active in the field of diagnostics and antimicrobial resistance. This unprecedented body of expertise and the access it brings to national and international institutions, and networks will amplify the reach and implementation of the working group's outputs. AMR-RDT will concentrate on five overarching topics: Need & Target Product Profiles, Technologies, Development Roadmaps, Business Models, and Behavioural Change. The working group will focus on human healthcare but also recognises the importance of One Health aspects. AMR-RDT is funded as a one-year project by the UK Medical Research Council under the frame of the Joint Planning Initiative on AMR (JPIAMR) and is coordinated by Till Bachmann at the University of Edinburgh.</p> |