



# Funding Antibiotic R&D

**Jonathan Pearce, Head of Infection and Immunity**

Medical Research Council

# Agenda

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- Background
- Funding Sources

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# MRC: Leading & Partnering Research

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Dedicated to improving human health through the best scientific research.

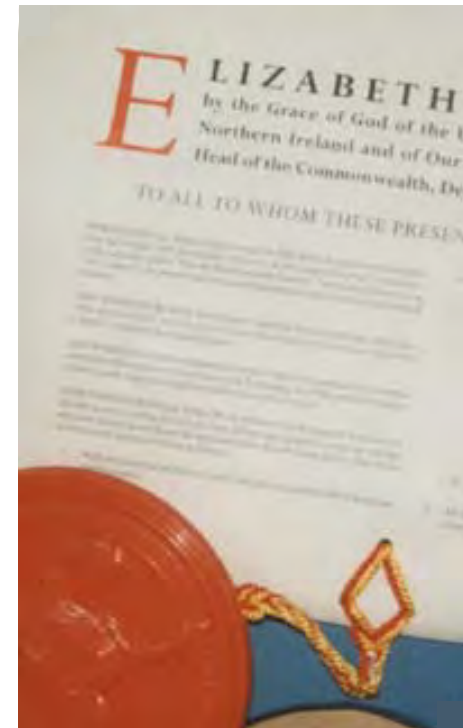
- Established 1913
- Funded by UK taxpayers
- One of seven research councils



# MRC Mission

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- Encourage and support high-quality research with the aim of improving human health
- Produce skilled researchers
- Advance and disseminate knowledge and technology to improve the quality of life and economic competitiveness in the UK and worldwide
- Promote dialogue with the public about medical research



# Agenda

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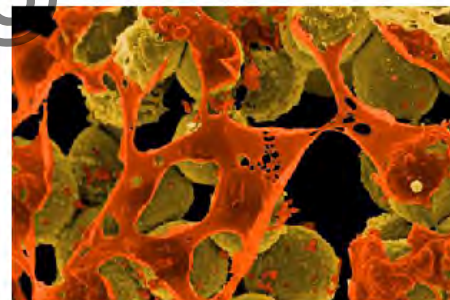
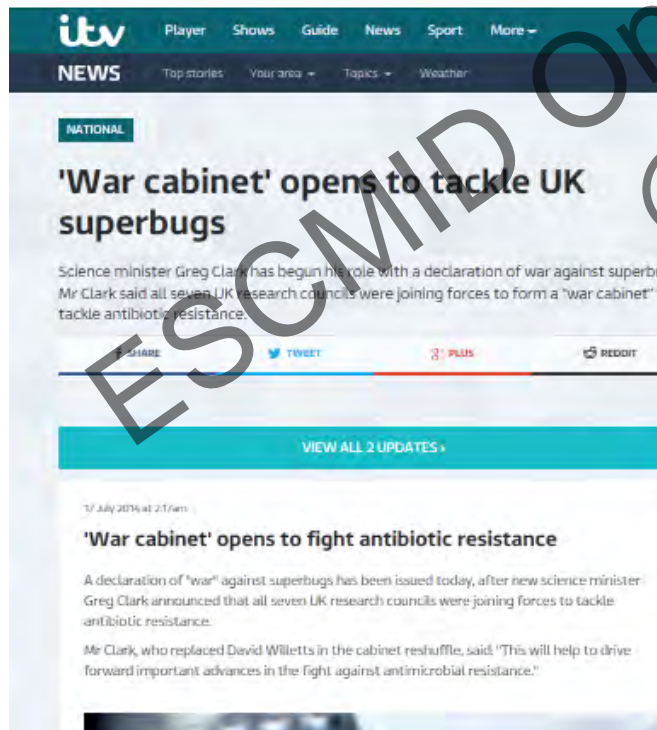
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# AMR cross council initiative launched in June 2014



- Brought together all seven UK Research Councils for first time
- Initial focus on bacterial resistance
- £40m initiative in 4 themes

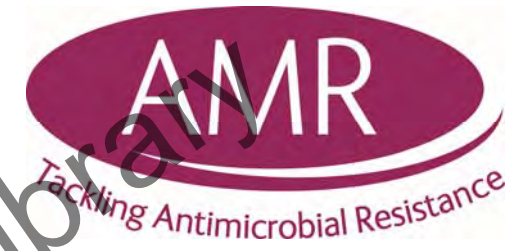


'War cabinet' on drug resistance brings councils together

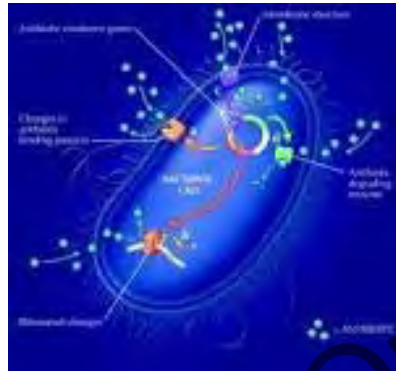
Greg Clark, the newly appointed science minister, has launched a major cross-government push to tackle antimicrobial resistance.



# Antimicrobial Resistance – a thematic approach



## Understanding resistant bacteria



*Calls closed*



*Calls closed*

Accelerating therapeutic and diagnostic development



*Calls closed*

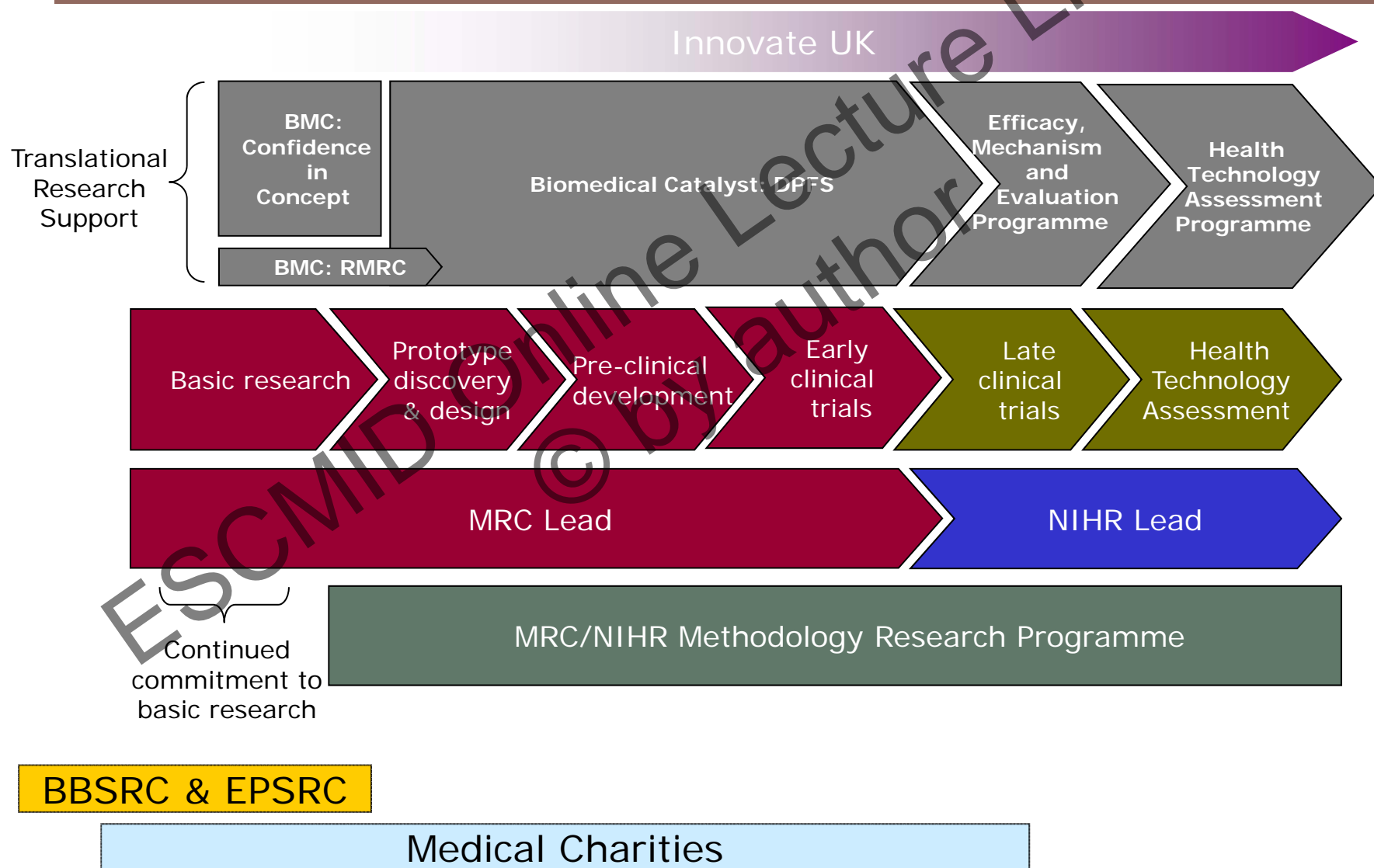
Understanding real world interactions



*Call Active*

Behaviour within an beyond the health care setting

# UK Translational Research Funding





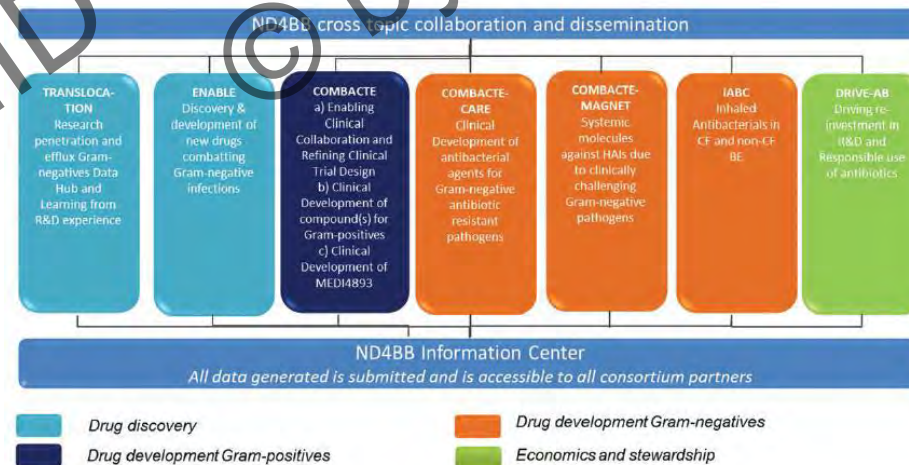
# Scale of challenge requires an international and a Public Private Partnership response

- JPIAMR

- 19 members (17 EU, Canada & Israel)
- 3 observers (Argentina, Estonia and Japan)
- Transnational calls and workshops
  - Ex. Reviving Neglected and Disused Antibiotics Call



- IMI – New Drugs 4 Bad Bugs Programme



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- Contact Details

**Dr Jonathan Pearce**  
**Head of Infection and Immunity**

[jonathan.pearce@headoffice.mrc.ac.uk](mailto:jonathan.pearce@headoffice.mrc.ac.uk)