**附件1. 领域说明**

In order to address the breadth of the ABR challenge, build on the existing China-UK collaborations, and complement the parallel [China-UK AMR Innovation callopens in new window](https://www.gov.uk/government/news/tackling-drug-resistance-uk-china-funding-competition-announced), the following topics are in scope for this call:

1. Drivers of ABR – eg, understanding the range of drivers and selective pressures of resistance in the Chinese context, to identify where upstream mitigating action to modify the drivers can prevent or reduce the burden or prevalence of ABR.
2. Pathways for human and livestock exposure – eg, understanding and predictive modelling of acquisition, evolution, persistence and transmission of ABR between environment, animals and humans, and within and between communities and hospitals, to identify effective strategies for diagnosis and infection/disease prevention.
3. Impacts of ABR – eg, quantifying the burden (environmental, animal and human), social, and economic costs of ABR, to identify the risks, costs and benefits of local interventions.
4. Responses – eg, drug discovery and alternative treatments/interventions, where a broad interdisciplinary approach is taken.

The scope of this call does not include:

* Tuberculosis
* Viral, fungal or parasitic resistance - the current focus of this call is on resistant bacteria of humans and animals but we acknowledge antimicrobial issues in other classes of pathogens are important
* Resistance in pathogens of relevance to crop health
* Proposals focused solely on developing or evaluating new targets, therapeutics, diagnostics or interventions to control or treat infections.