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Comparing the incomparable:

Use of realist methodology to analyse biosecurity interventions in heterogenous and complex community settings

Rebecca Hibbard¹, Sharon Sweeney², Hedvig Stenberg³, Marnie Brennan⁴, Áine Regan², Erika Chenais³, Mathilde C. Paul¹

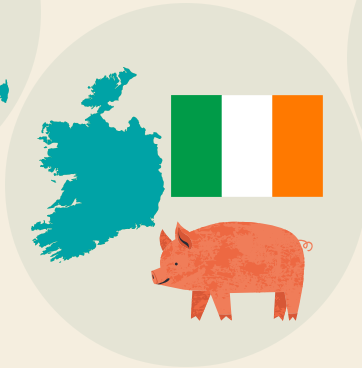
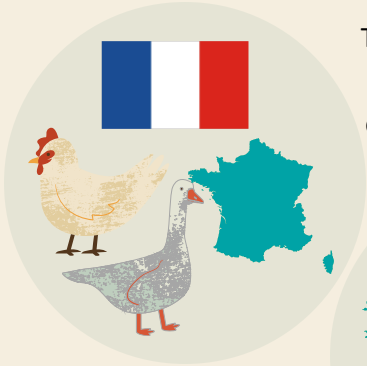
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Community-based approaches to biosecurity



Three different countries, production systems, and epidemiological contexts



Data collection



Individual countries:

Qualitative data collection from workshops and focus groups

Cross-country collaboration:

Monthly meetings for discussing research advances and challenges



Realist evaluation framework

CONTEXT:

The backdrop of research which impacts the intervention

MECHANISM:

Intervention resources and participants' response to resources

OUTCOMES:

The backdrop of research which impacts the intervention



Lessons learned for future community-based biosecurity interventions