TAHSSL: Customizing R&D to meet the needs of African small scale livestock farmers

- TAHSSL: Transforming Animal Health Services and Solutions for low-and-middle-income countries (LMICs)

- TAHSSL is a platform for R&D and commercialization of vaccines and diagnostics that funded by the Gates Foundation

- TAHSSL is partnership between ILRI, GALVmed and ClinGlobal

Roles

- ILRI: Platform host, subject matter expertise, clinical research facilities

- GALVmed: Market, regulatory and private sector expertise

- ClinGlobal: Quality management systems for all studies

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The challenge

- There is a shortage of new and improved vaccines and diagnostic tests for livestock diseases in low-and-middle-income countries (LMICs)

- Development of new and better vaccines and diagnostics for low-and-middle income countries is disconnected from market needs

- Small-scale producers in LMICs should access vaccines and diagnostics that are tailored to their needs

Our innovative approach

- To establish and sustain a "one-stop-shop" that facilitates public and private animal Health companies to establish viable markets for animal health products in LMICs

- To help stakeholders to prioritize, test and commercialize improved vaccines and diagnostics form LMIC livestock diseases

Outcomes

- Established a clinical research facility offering services and studies at accredited GCP standards to global animal health companies and other clients

- Establishment of challenge models for Africa swine fever and contagious bovine pleuropneumonia

- Conducted 6 studies to evaluate market needs and the regulatory and business cases for products targeting different diseases.

- Inclusion of private sector partners (6) for sustainable R&D and commercialization animal of health products focusing neglected livestock diseases.

Next steps

- Build more projects that focusing on the full product development and commercialization value chain.

- Increase joint projects with private sector, market and regulatory forecasting

- The TAHSSL project is a good model for other CGIAR programs on how to develop programs with impact and end in mind.

Partners