STAR-IDAZ
International Research
Consortium on Animal Health

Introduction to IRC research roadmaps

Luke Dalton, Washington, December 2018

What do they do?

- Way of visualizing a complex problem showing the gaps and helping to decide what projects need to be developed to create workable solutions.
- Structure and focus on where research is most needed, identifying bottlenecks and critical gaps
- Interactive, ‘living’ tool publicly available online at www.star-idaz.net
- Provide a valuable resource for the research community including funders

STAR-IDAZ

Ways of working

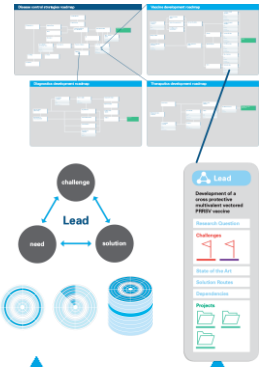
IRC Executive Committee

SIRCAH (Secretariat)

SCIENTIFIC COMMITTEE

WORKING GROUPS

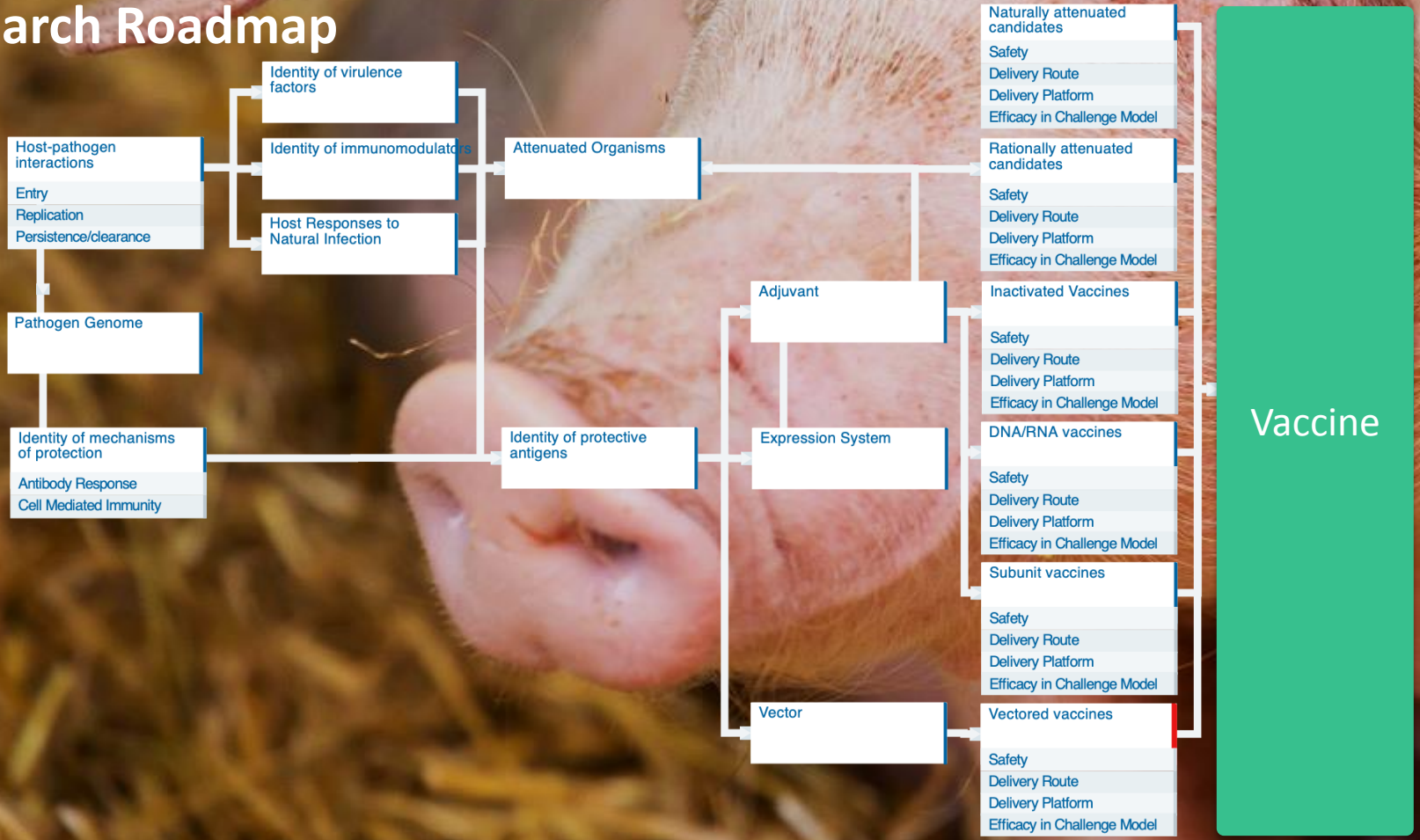
ROADMAPS



RESEARCH COMMUNITY

PROJECTS

Animal Vaccine Development
Research Roadmap



Animal Vaccine Development
Research Lead

Vectored vaccines

Lead

Development of a cross protective multivalent vectored PRRSV vaccine

- Research Question
- Challenges
- State of the Art
- Solution Routes
- Dependencies
- Projects

Challenge

Generating a strong protective immune response with CTCs and VN Abs

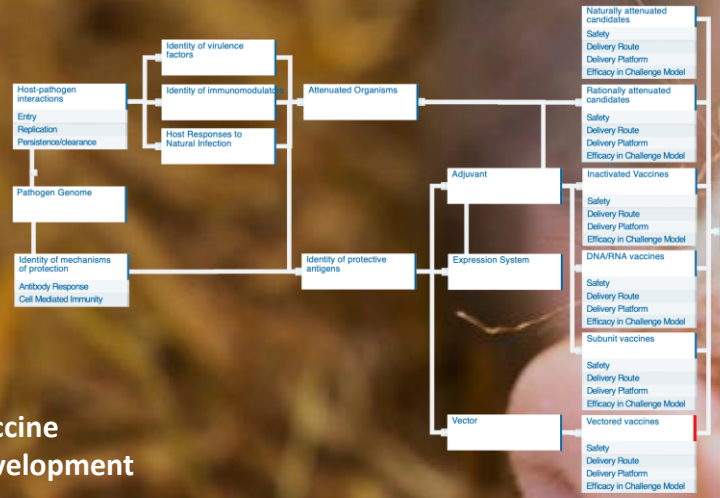
- Status
- Importance
- Overview
- Projects

Project

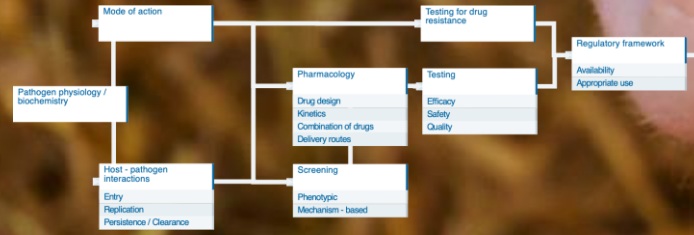
Development of Recombinant Porcine Cytomegalovirus (pCMV)-vaccine vector(s) using Korean pCMV field isolates

- Project Objectives & Deliverables
- Project Outputs
- Principal Investigator
- Project Progress
- Challenges
- Leads

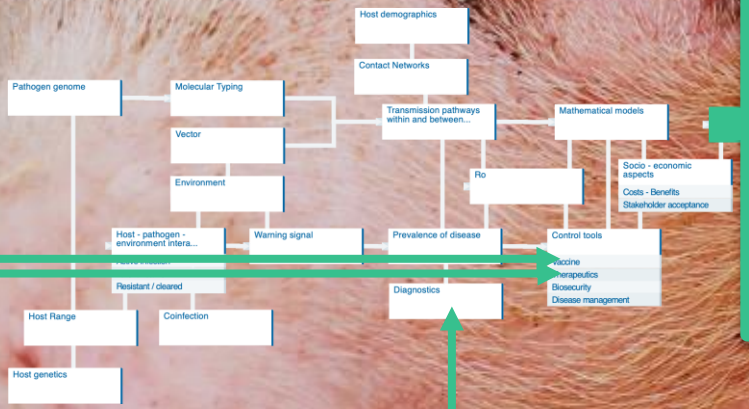
Animal disease control research
Roadmaps



Vaccine development



Therapeutics development



Epidemiology and development of disease control strategies

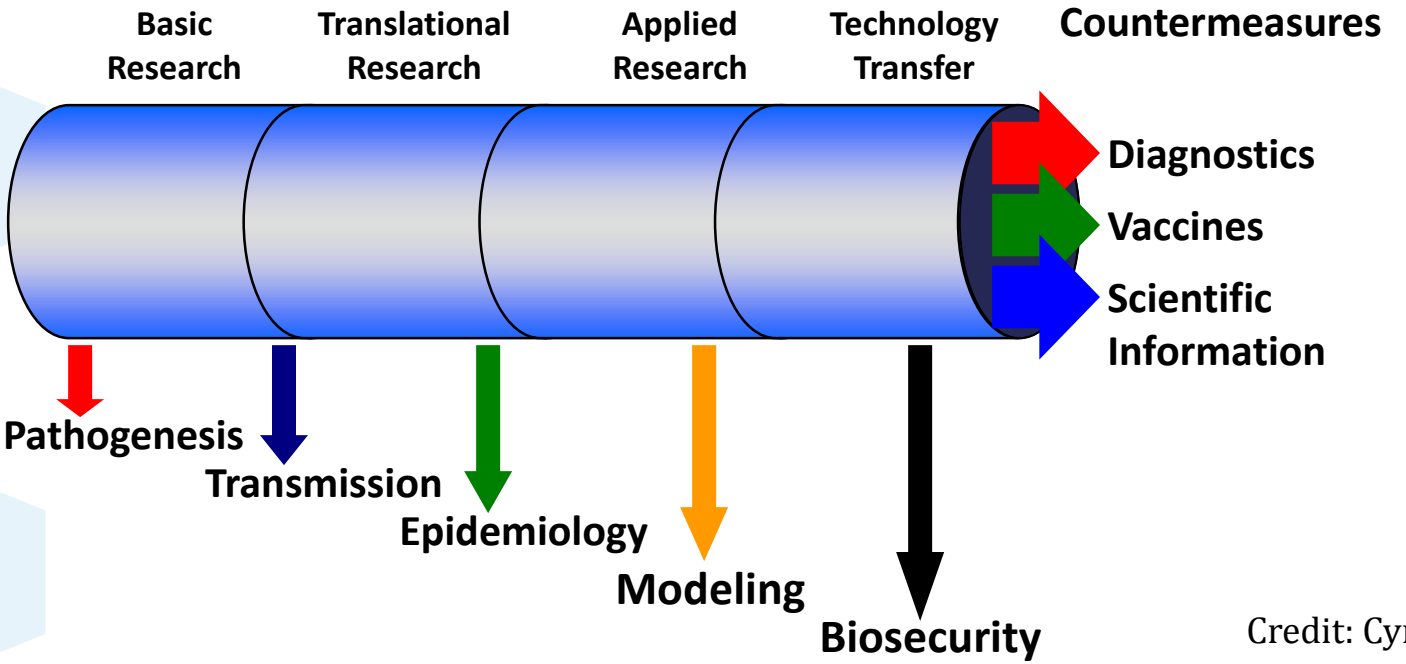
Disease Control Strategies

Diagnostic test development

Purpose of the workshop

- Wider engagement in the IRC
- Wider capture of project data
- Identify ways to shorten the innovation pipeline

The Research/Innovation Pipeline



Credit: Cyril Gay

Breakout Discussion Sessions

- Data capture and engagement with roadmaps
- Cross-cutting research needs and priorities between sectors: shortening the innovation pipeline

Breakout Discussion Session 1

Data capture and engagement with roadmaps

1) Will the roadmap system be useful to you and how?

2) What are the barriers to your organisation engaging with the roadmap system?

3) What would you like to get out of participating in the STAR-IDAZ IRC?

Breakout Discussion Session 2

Cross-cutting research needs and priorities between sectors: **shortening the innovation pipeline**

1) What are the barriers to working together?
2) What information would you like/do you need from each other and why?
3) What can STAR-IDAZ IRC do to help shorten the innovation pipeline?

Thank you