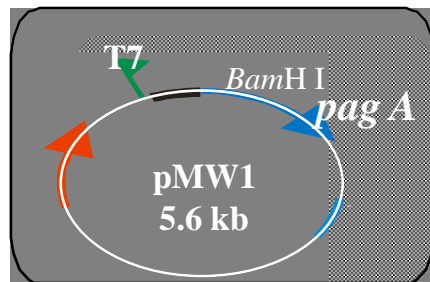


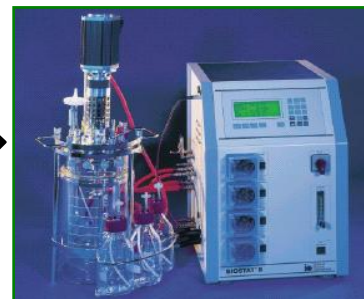
RECOMBINANT VACCINE AGAINST ANTHRAX

Jawaharlal Nehru University,

New Delhi



E. coli with PA expression plasmid



Followed by high density fed batch culture

Purification



Purified PA

Transferred to
Panacea Biotec Ltd.



About the product / technology

Novelty	Non toxic genetically engineered vaccine.
Application	Protection against anthrax.
Current status	Preclinical toxicity studies, animal efficacy studies up to monkeys completed. Phase I/Phase II a human clinical trials completed

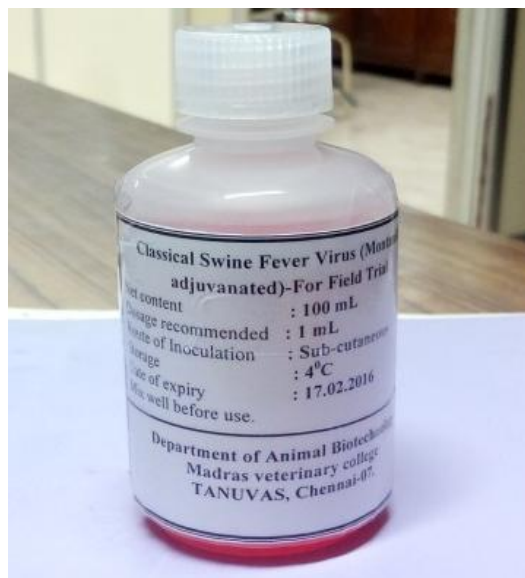
Next steps

Phase II b/ Phase III human clinical trials.

LIVE, ATTENUATED CLASSICAL SWINE FEVER VACCINE



Department of Animal
Biotechnology, Madras
Veterinary College,
Tamil Nadu Veterinary and
Animal Sciences University,
Chennai



**In the process of External
validations**

About the product / technology

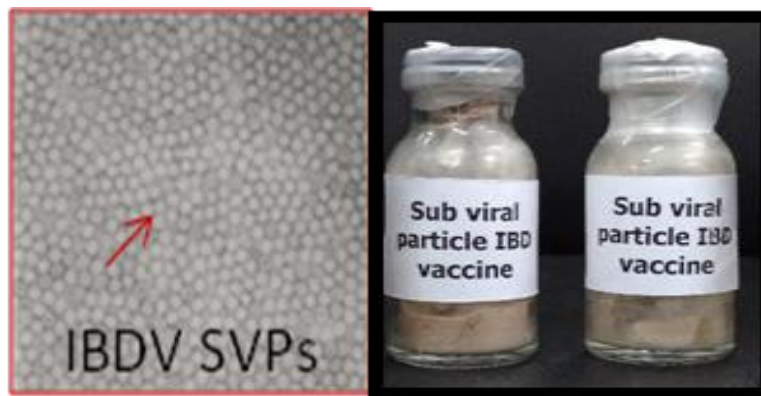
Novelty	Developed by adapting a field isolate of Classical Swine Fever Virus to PK-15 cell line. This cell line based vaccine with Montanide adjuvant could be an alternative to the lapinized vaccine that is being used now
Application	Immunization of pigs against Classical Swine Fever / Hog Cholera disease
Current status	In house and limited farm validation completed. The vaccine is being subjected to external validation

Next steps

Initiate technology transfer with commercial vaccine manufacturing firms

SUB VIRAL PARTICLE BASED INFECTIOUS BURSAL DISEASE VACCINE

Developed by
Indian Veterinary Research
Institute, ICAR



Technology developed and
ready for transfer

About the product / technology

Novelty	The sub viral particles induces protective immunity and highly effective in stimulating antigen specific lymphocyte proliferative and cytotoxic T lymphocyte responses
Application	Completely protects the broiler birds at day old vaccination
Current status	The vaccine has been validated in a poultry vaccine company M/S Globion Pvt.Ltd., Hyderabad

Next steps

Initiate technology transfer with M/S. Globion India Pvt.Ltd. /commercial poultry vaccine manufacturing firms

BRUCELLA ANTIBODY RAPID TEST KIT

Genomix Molecular
Diagnostics Pvt. Ltd.



Genomix Molecular
Diagnostics Pvt. Ltd.



About the product / technology

Novelty	The Brucella Antibody Rapid Detection Test is lateral flow Immuno chromatographic assay for the qualitative detection of Brucella specific antibodies in whole blood /serum or plasma.
Application	Used as screening test and aid in the diagnosis of infection with <i>Brucella</i> in animals and humans
Current status	Under third party validation stage

Next steps

Commercialization through mass scale production

BRUCELLA INDIRECT ELISA KIT

Genomix Molecular
Diagnostics Pvt. Ltd.



Genomix Molecular
Diagnostics Pvt. Ltd.



About the product / technology

Novelty	The Brucella ELISA is intended for semiquantitative and qualitative detection of IgG, IgM and IgA antibodies against <i>Brucella abortus</i> in livestock.
Application	To test Brucella antibody at point of control, field as well as in laboratory
Current status	Under third party validation stage

Next steps

Commercialization through mass scale production

BRUCELLA MILK DIPSTICK KIT

Genomix Molecular
Diagnostics Pvt. Ltd.



Genomix Molecular
Diagnostics Pvt. Ltd.



About the product / technology

Novelty	Simple, easy to use, inexpensive, reliable rapid diagnostic test kits for testing Brucella in raw milk and body fluids.
Application	Can be used at milk collection centres, dairy farms, individual farms, village level farms, epidemiological survey centres and for disease surveillance
Current status	Under third party validation stage

Next steps

Commercialization through mass scale production