### Project Title: Development of the CBPP Subunit vaccine

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<tr>
<th>Institute</th>
<th>Veterinary Research Institute</th>
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<td>Center(s)</td>
<td>KALRO Muguga North</td>
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<tr>
<td>Principal Investigator</td>
<td>Hezron O Wesonga;</td>
</tr>
<tr>
<td>Other investigators</td>
<td>Jan Naessens; Reuben Soi; Nimmo Gicheru; Salome Kairu Wanyoike; Romona Ndanyi; Jane Wachira;</td>
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#### Problem Statement
CBPP is an economically important disease of cattle affecting the livelihoods of small holders in the pastoral areas of Kenya and Africa at large. The most effective and economic method of control is through vaccination of animals at risk. The current live vaccine requires cold chain making it difficult to use in the hot areas of the ASALs.

We are developing a thermostable vaccine that is easy to transport and hopefully cheaper than the current one.

#### Objective(s)
To build human and infrastructural capacity for development and mass production of a thermostable CBPP Subunit vaccine that is efficacious and safe

#### Planned Activities
1. Carry out cattle trials on safety and duration of immunity of cattle infected by various routes
2. Set up vaccine process development for industrial production

#### Outputs
1. Efficacy data based on station trials available and very promising
2. Semi industrial production of new vaccine for field trials

#### Outcomes
1. Control of CBPP possible in three years
2. Improved livelihoods for Kenyan smallholder livestock farmers

#### Budget
50,000,000.00

#### Start date
2014-12-16

#### End date
2018-03-31

#### Funded by
IDRC;

#### Collaborators
Vaccines and infectious diseases organization (VIDO), Canada;