

BEST 2012

Company name : VBIOSIS

VBIOSIS

Geniron Biolabs started a chemical sterilent project in August 2011, with a prime objective to make a "Rabies free India". The project was initiated keeping in mind that the control of dog population through chemical sterilization is faster as it is non-invasive and easy to perform as compared to surgical castration. The fixed formulation of drug will be injected intra-testicularly, which causes fibrosis of testicular tissue, leading to the reduction of testicular size rendering sterility in male dogs. Geniron Labs is developing a chemical sterilent to control dog population as well as a rapid pregnancy detection kit for cows. This start-up won the first prize at ABLE BEST 2012 .

The logo for Geniron features a stylized green symbol resembling a pair of intertwined loops or a calligraphic 'G' on the left, followed by the word 'Geniron' in a blue, serif font.

Geniron lab has also initiated a project for developing pregnancy detection kit in cows in October 2012. This project is to aid the farmers in early detection of pregnancy in cows thus increasing the productivity of livestock and economic upliftment of the farmers.

Since the dairy industry runs on a motto "one calf every year" i.e., each cow should give birth to a calf every year, the team at Geniron believes that the pregnancy detection plays a crucial role.

Currently, pregnancy detection is carried out during 60-75th day of pregnancy through trans-rectal palpation, which requires technical experts. If the animal is non-pregnant, there is a burden on animal caretaker to rear and even the calving period is increased. The company is developing a lateral flow pregnancy kit (similar to human's pregnancy strips), which can detect pregnancy as early as 30th day of pregnancy, which is faster, cheaper and moreover it can be performed by non-technical persons like animal caretaker. The novel marker for the same has been identified in the urine of pregnant cattle. Pregnancy kit runs on the same principle that is similar to any other lateral flow assay kit, where the novel markers are trapped by the specific antibodies and giving colored line indicating positive to the test.

Kindly click on the link for presentation:

Team from: Indian Veterinary Research Institute, Bangalore

Team Members:

Dr. Prashanth T
Dr. Hemanna Gowda K
Dr. Nikhil Raj
Dr. Goutham G

Dr. Shishir Kumar Gupta

- We have decided the name of company as “VBIOSIS” and going to be registered by the end of December as Consulting firm.
- The protocol for project has been written with SOPs for both preclinical trials in rats and clinical trials in dogs.
- We are looking for Laboratory animal facilities with private labs like In-vivo labs, Liveon labs and Biogen labs, Bangalore and we are negotiating with these labs for our pre-clinical animal trials.
- Specialized needle has been designed for injecting the drugs.

First Prize winners of 2012:

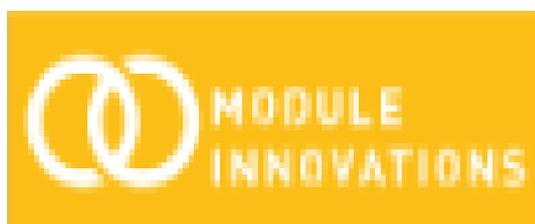


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Dr.Goutham G,Dr.Shishir Kumar Gupta,Dr.Prashanth T,Dr.Shri Kumar Suryanarayanan,Dr.Shailaja Gupta V,Dr.Hemanna G,Dr.Nikhil Raj

Company name: Module Innovations



Startup founded by Sachin Dubey and Usman Khan, based on Innovative diagnostic kits for microbial sensing .Making Reusable, Strip based colorimetric strip sensors for microbial (E.coli o157:H7) detection for various scenarios. It is a platform based technology.

Team from University of Rajasthan, Jaipur

Team Members:

Sachin Dubey
Usman Khan

Second Prize winners 2012



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