

Jung, Yoonsung

From: [REDACTED]
Sent: Thursday, September 5, 2024 10:37 AM
To: Jung, Yoonsung
Subject: RE: Confirmation FW: Typeform: New response for SCC Consulting Form
Attachments: Johnson_ticks_09052024.xlsx

Follow Up Flag: Follow up
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Good morning. Thank you for the prompt response. Please find answers to your questions below as well as an excel file of the data attached.

1. Collected data and data description

This data represents efforts to identify vaccine candidates for anti-tick vaccines in deer. In order for a vaccine to be effective, it must either 1) kill feeding ticks or 2) have significant negative effects on the reproductive parameters in ticks, effectively reducing the fecundity and ultimately reducing tick populations. The experimental design was as follows. Three groups of four deer were each vaccinated with a different vaccine and then were infested with 50 ticks each, on three separate occasions. For each tick, we recorded: Tick_ID, Deer_ID, Vaccine_Group, Infestation, Mortality, Weight_Replete_Female(g), Weight_Egg_Mass(g), Bloodmeal_Conversion(%), %_Hatched, Num_Eggs_laid, Num_Larvae, Comments

We also have an additional group of ticks that come from all of the deer before they were assigned to a vaccine group, we call this our pre-infested group of ticks.

4 groups of deer: P – Pre-infested, C – Control (n=4), L – low (n=4), H – high (n=4)

2. Do you like to have in-person meeting or ZOOM meeting ?

Zoom please.

3. What is your available timeline?

I am available today (9/5) until 2pm and after 4pm, tomorrow (9/6) I am available 8-9, 10-12, 2-4. 9/9 I am available all day.

Thanks!

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