Dear Dr. Sephorah Zaman,

re: “Insect-Controlled Robot: A Mobile Robot Platform to Evaluate Odor-Tracking Capability of an Insect” by Noriyasu Ando, Shuhei Emoto and Ryohei Kanzaki; JoVE54802.

The capability to localize an odor source is necessary for insects to survive, and is expected to be applicable to artificial odor tracking. However, it is still unknown how such an insect system actually works as a controller of a robotic platform. Our insect-controlled robot is driven by an actual silkmoth and enables us to evaluate the odor-tracking capability of insects for the development of biomimetic odor searching as well as for the study on the insect sensory-motor system.

We are most grateful to the editor and all four reviewers for the helpful comments on the original version of our manuscript. We have taken all these comments into account and submit a revised version of our paper. Please note that we also have revised the title as described above.

We hope that the revised version of our manuscript is now suitable for publication in JoVE and look forward to hearing from you at your earliest convenience.

Sincerely yours,

Noriyasu Ando, Ph. D