

# Hookworm infection may cause cognitive impairment earlier than thought

September 5 2019, by Jim Fessenden

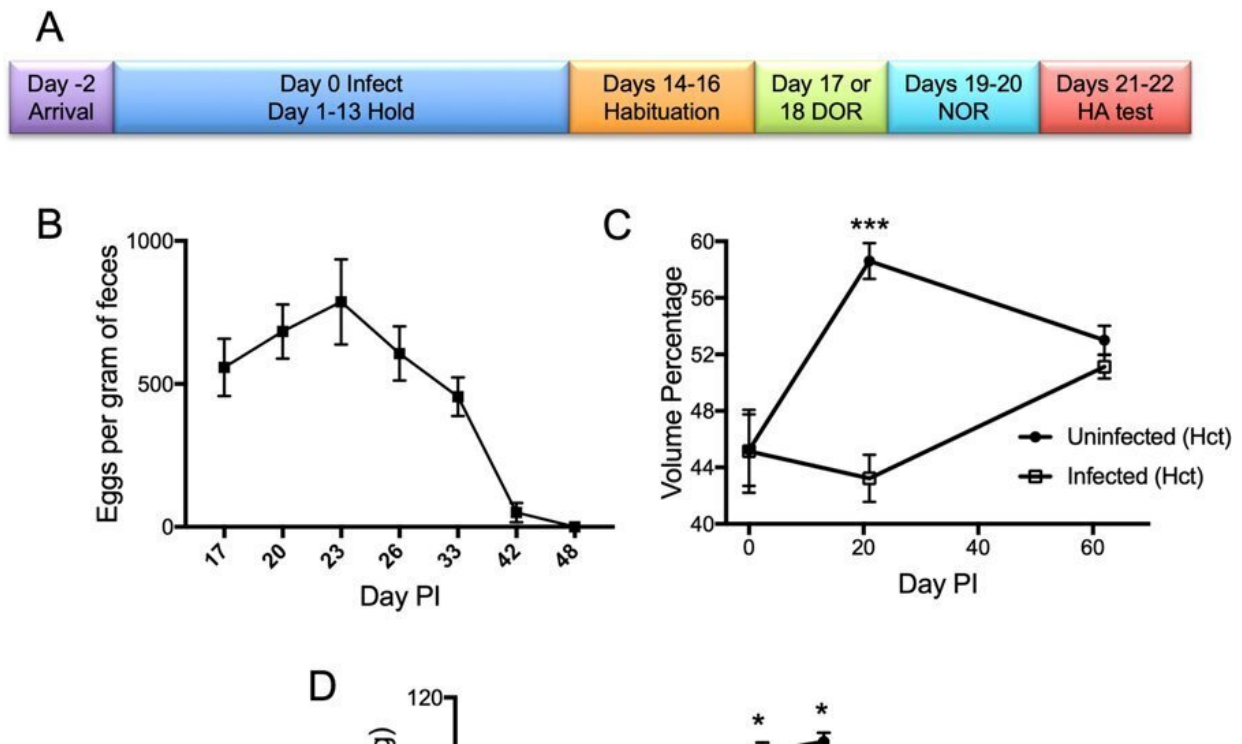


Figure 1 From: [Cognitive and Microbiome Impacts of Experimental \*Ancylostoma ceylanicum\* Hookworm Infections in Hamsters](#) Parasitological Characteristics of Hookworm-infected Hamsters during Cognitive Studies. (A) Experimental Time Course. Time course of hamster infection and behavioral tasks is displayed. (B) Fecal egg burden over the course of infection. Fecal pellets were collected on indicated days post-infection (Day PI). Parasite egg counts are expressed as eggs per gram of feces. (C) Hematocrit changes over the course of infection. Blood (up to 50  $\mu$ L) was collected from the superficial saphenous vein and analyzed. P values comparing uninfected to infected animals for days 0, 21, and 62 are 0.98,

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