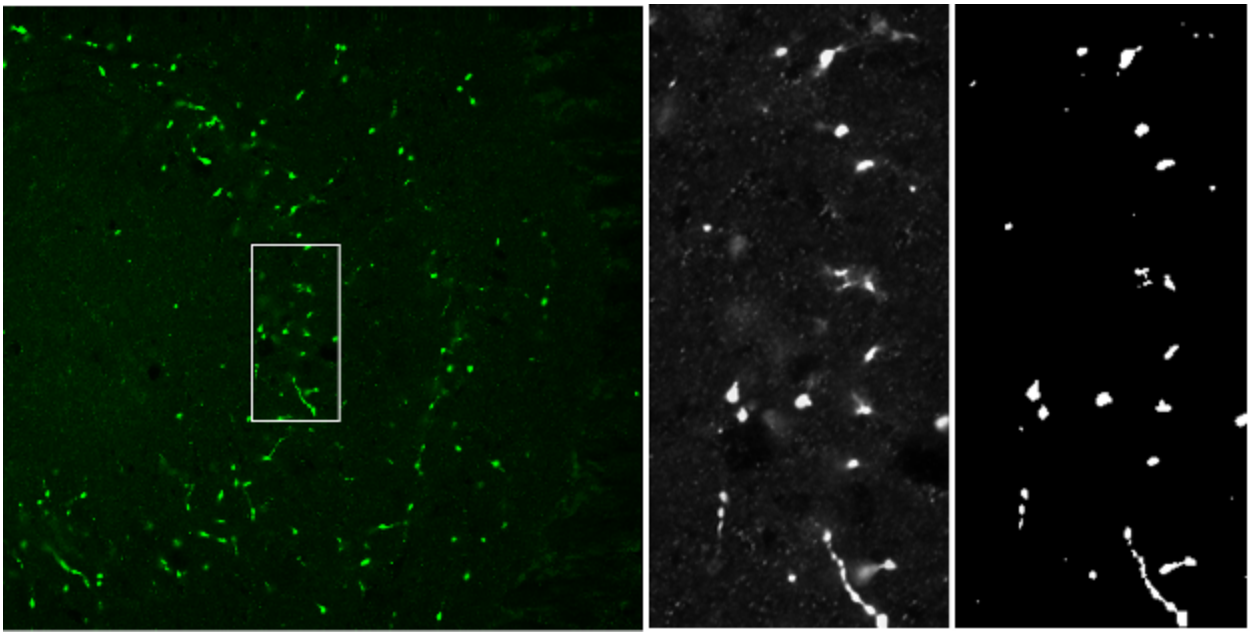
Supplementary material for:
Kaldor-Mair, B.M. and Van Nest, B.N. 2026. Host-specific defensive behaviour in yellowjacket colonies associated with the social parasite, *Vespula flavopilosa* (Hymenoptera: Vespidae). The Canadian Entomologist, **158**.



Supplementary material, Figure S1. Representative serotonin immunohistochemistry and image-processing workflow for the optic lobe medulla: **Left**, serotonin immunoreactivity in the optic lobe, with the analysed region of interest indicated by the white rectangle; **Middle**, cropped region of interest after deconvolution; and **Right**, thresholded region of interest used for particle analysis.