A collage of images of a cell

Description automatically generated

**Figure S1.** Stereological Sampling: Low-power photomicrographs (A and B) displaying the molecular layer of the dentate gyrus, the area of interest, alongside the sampling grid (C). Additionally, a high-power photomicrograph (D) showcases IBA-1 immunolabeled microglia (the object of interest). Scale bar: A - 250µm, and D: 25µm.

A screenshot of a graph

Description automatically generated

**Figure S2.** The recovery of BALB/c microglia in the molecular layer of dentate gyrus was observed 43 days after infection. At this point, only minor morphological changes were observed, and all the morphological changes induced by *T. gondii* infection at 22 dpi have disappeared. The analysis methods used included hierarchical cluster analysis (A), discriminant function analysis (C and E), morphological complexity (B), and convex hull volume (D).