Caption:   
Growth on Lophenol Induces the Accumulation of DAF-16 in the Nuclei of Neurons in a DAF-12–Dependent Manner(A) When grown on cholesterol, the transgenic line DAF-16a::GFP/bKO displays a diffuse staining in the cytoplasm and nuclei of many cells (only the pharynx region of an L3 larva is shown).(B) Staining of a larva of similar age by Hoechst. Note many nuclei in the pharynx.(C) The DAF-16a::GFP/bKO line grown on lophenol shows strong staining of nuclei in neurons of the pharynx, tail, and ventral cord of a dauer larva.(D) An L3 larva of DAF-16a::GFP/bKO in a daf-12 null background grown on lophenol. Note the diffuse fluorescence in the pharynx cell similar to that shown in (A).

Question: Where does DAF-16a::GFP/bKO show strong staining when grown on lophenol?   
   
A:In the mitochondria of neurons   
B:In the cytoplasm of pharynx cells   
C:In the nuclei of neurons in various parts of the body   
D:In the nuclei of pharynx cells only.

Answer: C: In the nuclei of neurons in various parts of the body.