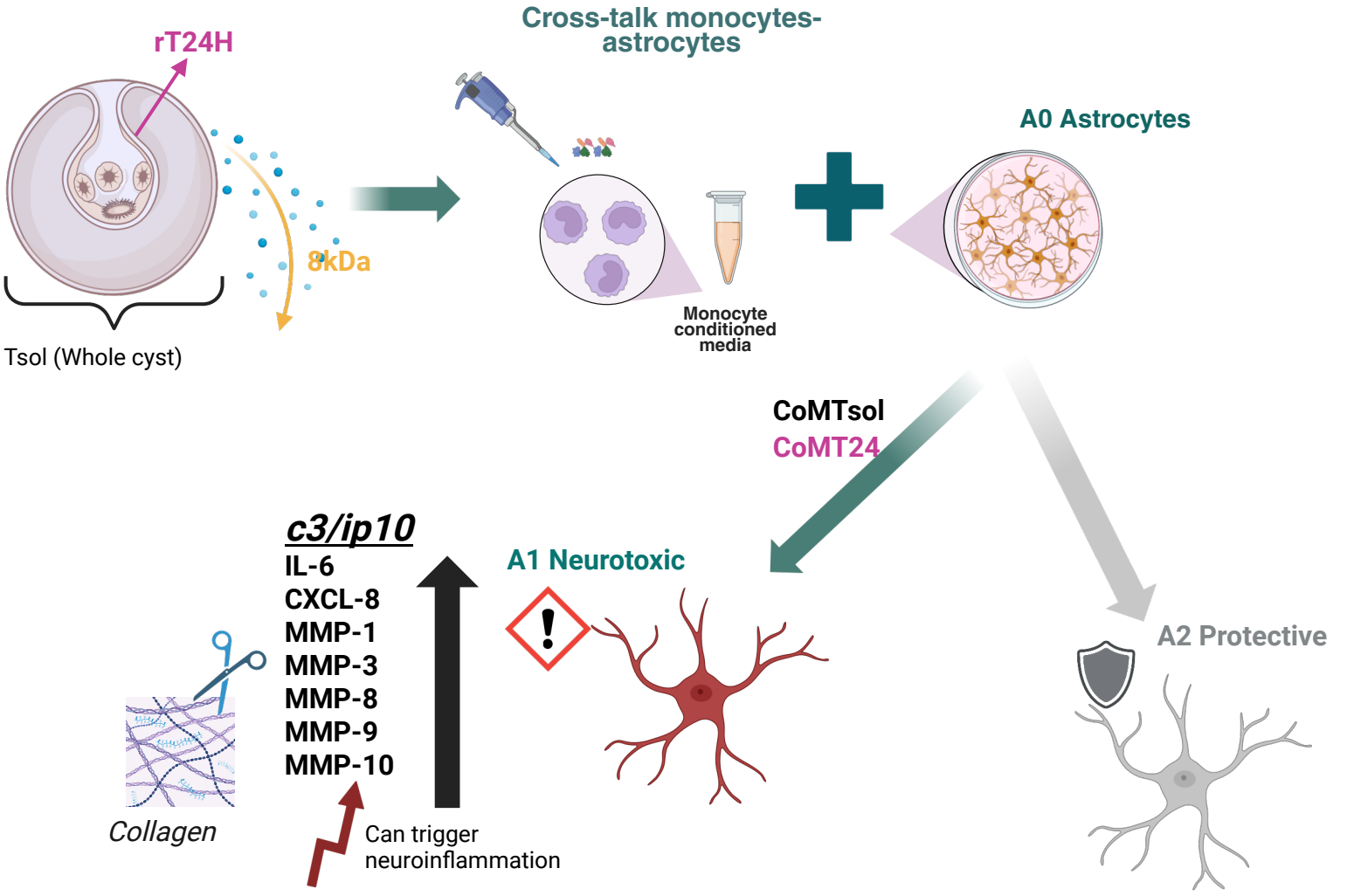

Figure 1. Graphical abstract. Specific *Taenia solium* antigens released from the cyst where used to stimulate human monocytes and obtain antigen-conditioned media. Exposure of astrocytes to conditioned media from antigen-activated monocytes promotes phenotypic switching from a resting (A0) state toward a neurotoxic A1-like phenotype. Astrocyte phenotypic switching was associated with increased expression of inflammatory markers (C3, IP-10, IL-6, CXCL-8) and matrix metalloproteinases (MMP-1, -3, -8, -9, and -10), mainly collagenases. T