! "#$%&'$9

E ff e c , e c ea a ce f dead a d d ce , f da e a f e a e a ce a d e a (B ada-R e e a . 2020). I e f ed a e a e e e f eff e c ece Me f10 f d a e e ec a f eff e c be ee Me f10 a d D a e a d CED-1, c ab a e d ed. Me f10 ec f ca be ed e a e a ce e b a a d a ead c e acc a a d de e e a e e CNS (Ca e a . 2008)(C e e a . 2009)(C e a . 2013) (I a e a . 2016). I e a e ea c I a ed f d e ca e e e , eade , e a e f a e f e a a ed b L a d Pa . (L a d Pa 2010). W e c a ed, MEGF10, D a e , a d CED-1 ec e a e a ec a , d ca c e a ac a.

( ) $%*+ , '$-*) 9

In he Williamc on lab, o o her ndergrad a ec and I c died hree homologo c eng lfmen recep orc MEGF10 in *M m c l* , CED-1 in *Caeno habdi i elegan* , and Draper in *D o o hila melanoga e* - o c r e kno ledge of he cell biolog and mechanicmc ced in efferoc ocic and o in ec iga e o r h po hecic ha he proceec of efferoc ocic ic conc er ed. We performed c c ema ic li era re cearchec for o r recpec i e recep orc and are orking o ni e o r findingc in a re ie ar icle hic fall. I ill foc c m poc er on MEGF10.

Efferoc ocic ic he eng lfmen of dead and d ing cellc. Dead and d ing cellc lef ncleared ill ndergo cecondar necrocic, hich can ca ce damage o c rro nding icc ec (Boada-Romero e al. 2020). Lack of clearance ic accocia ed i h earl