! "#$%&'$9

E ffe 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 e ffe c ece Me f10 f d a e e ec a f e ffe 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 William on lab, o o her ndergrad a e and I d died hree homologo d eng lfmen recep or MEGF10 in *M m c l* , CED-1 in *Caeno habdi i elegan* , and Draper in *D o o hila melanoga e* - o r e kno ledge of he cell biolog and mechanim ed in efferoc ocic and o in e iga e o r h po hecic ha he proce of efferoc ocic ic con er ed. We performed c c ema ic li era re earche for o r re pec i e recep or and are orking o ni e o r finding in a re ie ar icle hi fall. I ill foc m po er on MEGF10.

Efferoc ocic ic he eng lfmen of dead and d ing cell. Dead and d ing cell lef ncleared ill ndergo econdar necrocic, hich can ca e damage o rro nding i e (Boada-Romero e al. 2020). Lack of clearance ic aociated i h earl