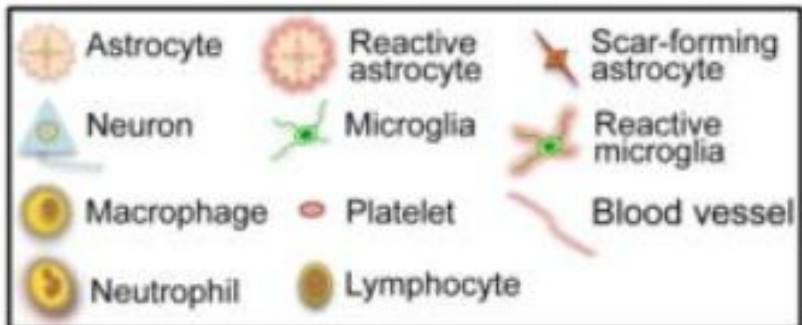
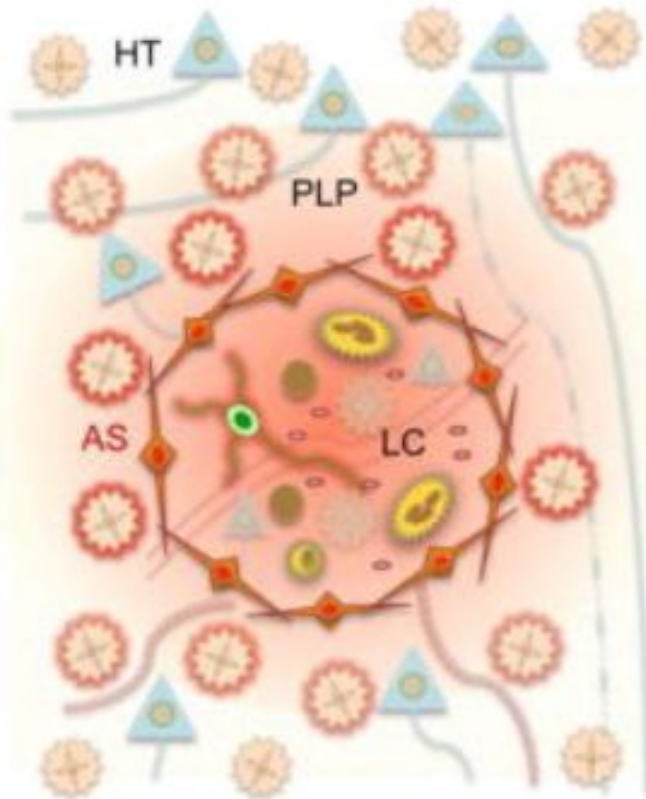




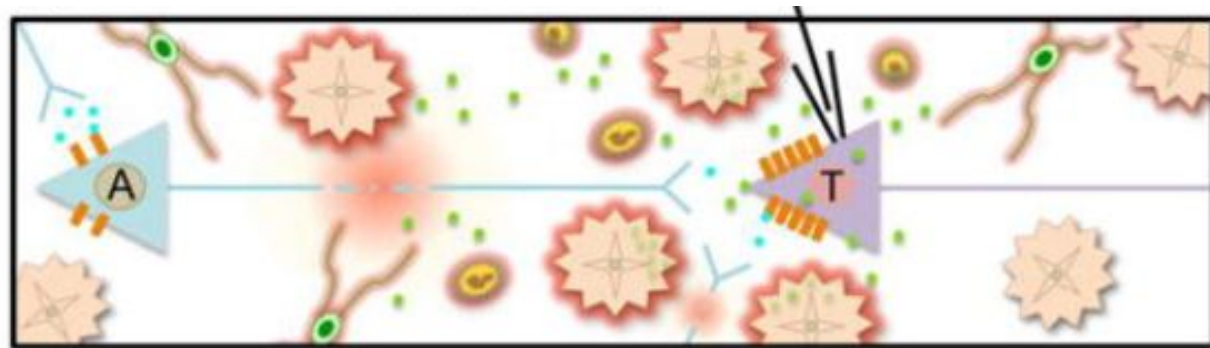
Severe reactive astrocytes precipitate pathological hallmarks of Alzheimer's disease via H_2O_2^- production

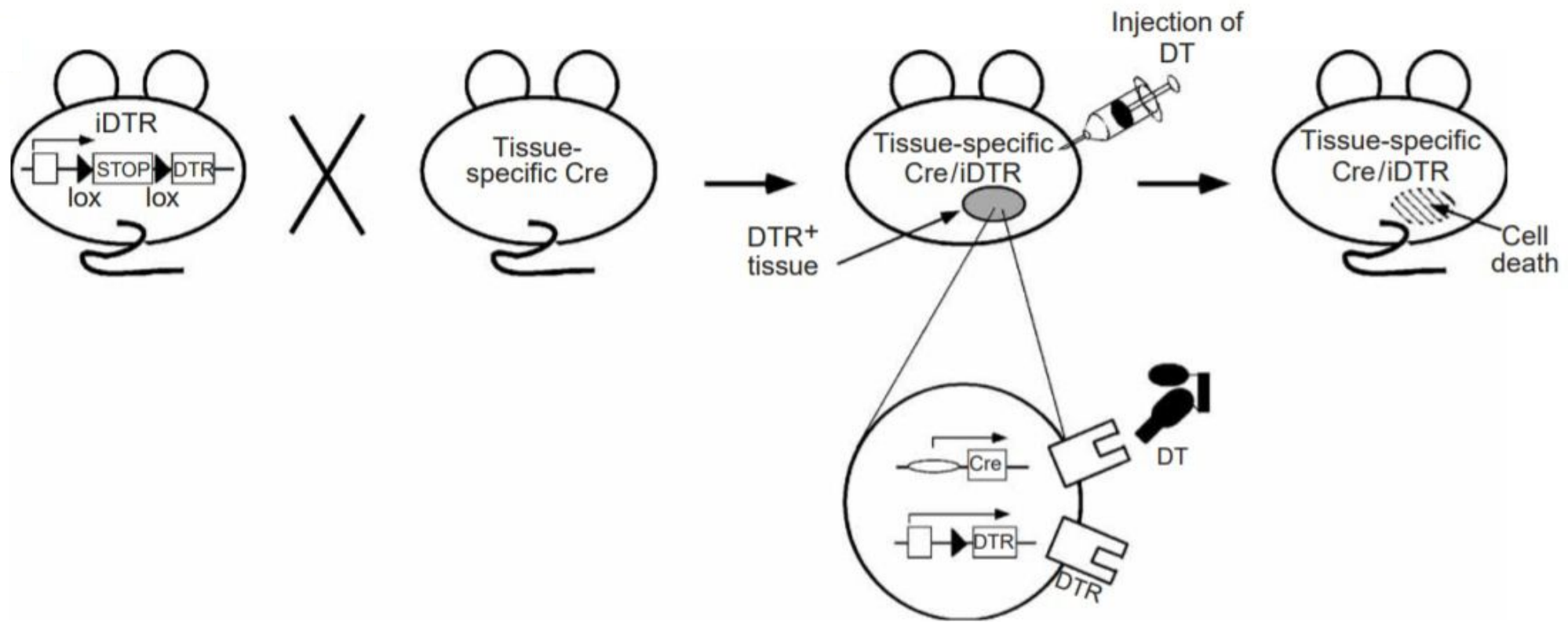
Heejung Chun ^{1,2,3}, Hyeonjoo Im³, You Jung Kang⁴, Yunha Kim³, Jin Hee Shin⁵, Woojin Won^{1,6}, Jiwoon Lim¹, Yeonha Ju^{1,7,8}, Yongmin Mason Park^{1,7,8}, Sunpil Kim^{1,6}, Seung Eun Lee⁹, Jaekwang Lee², Junsung Woo², Yujin Hwang³, Hyesun Cho^{3,10}, Seonmi Jo ^{2,11}, Jong-Hyun Park ¹², Daesoo Kim ¹¹, Doo Yeon Kim ¹³, Jeong-Sun Seo^{10,14}, Byoung Joo Gwag⁵, Young Soo Kim ¹⁵, Ki Duk Park^{8,12,16}, Bong-Kiun Kaang ¹⁷, Hansang Cho^{4,18,19}, Hoon Ryu ^{3,20}  and C. Justin Lee ^{1,2,6,7} 

Focal lesion with scar formation

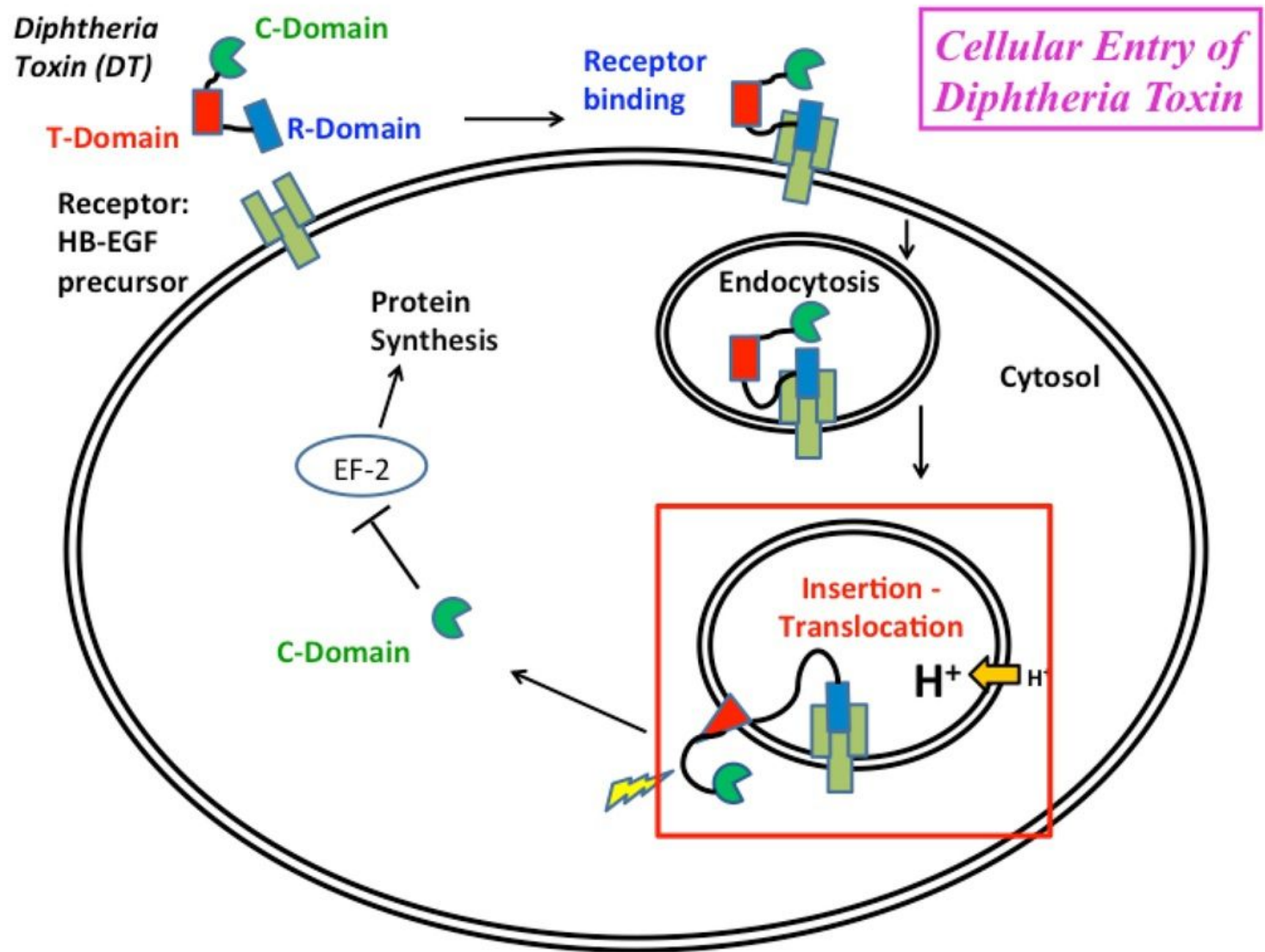


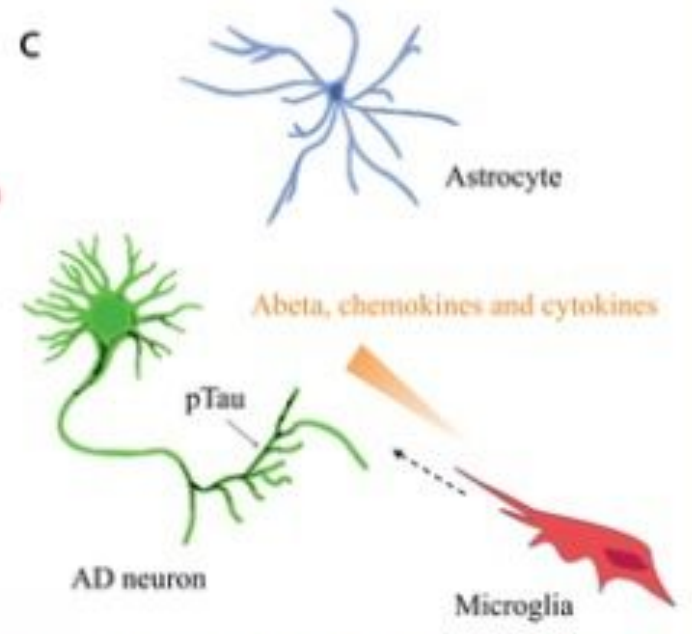
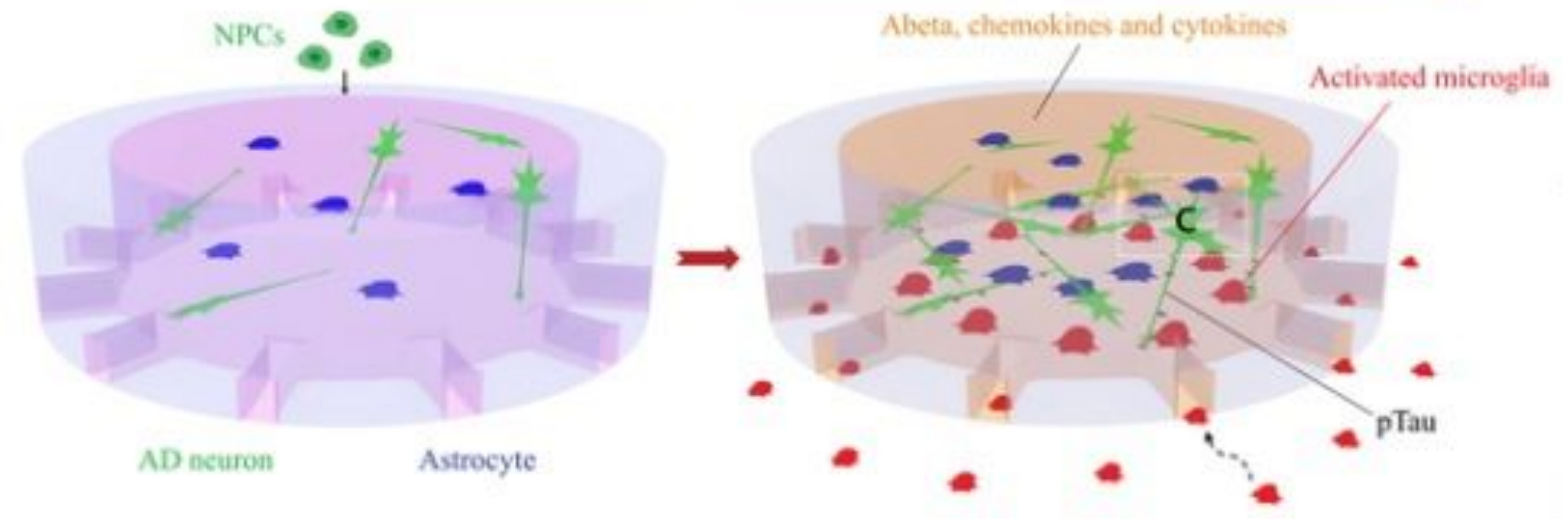
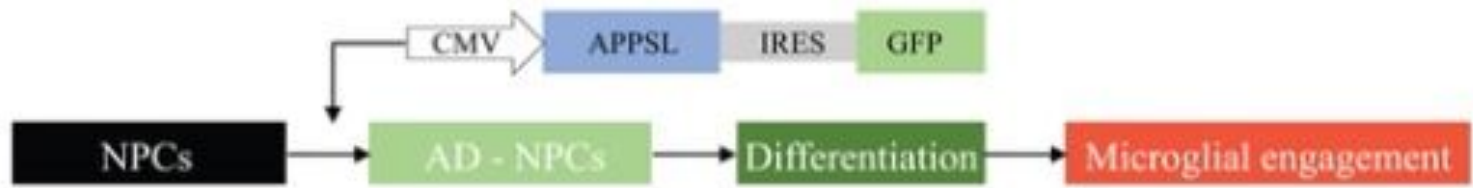
- Изоляция очага поражения
 - механический барьер
 - «химический» барьер
- Регуляция воспаления
- Регуляция проницаемости ГЭБ
- Посттравматическое ремоделирование нервной цепи
- Стимуляция регенерации





Buch T. et al, 2005





Park J. et al, 2018