

# Nanotheranostics

## EAE IMMUNIZATION



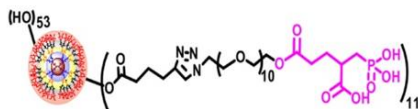
MOG

+

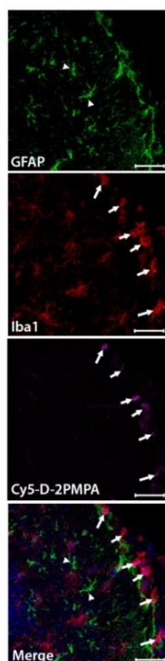


## D-2PMPA

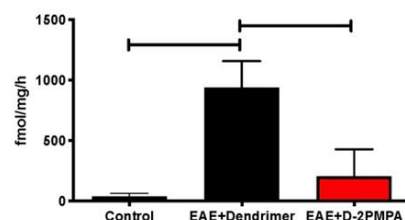
(hydroxyl-dendrimer-conjugated 2-PMPA)



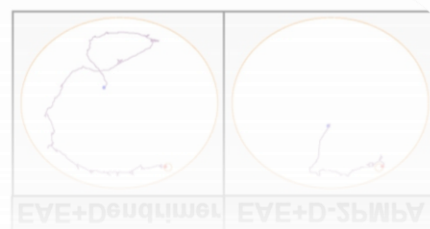
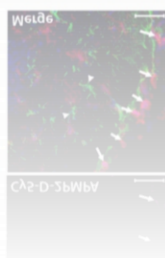
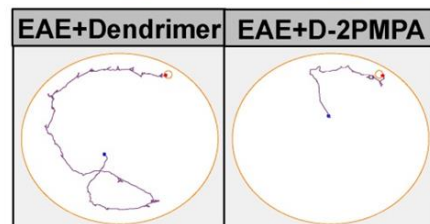
## TARGETED MICROGLIAL DELIVERY



## REVERSAL OF EAE-INDUCED ELEVATION OF GCPII ACTIVITY



## IMPROVED COGNITIVE FUNCTION



**Front cover:** Dendrimer-2PMPA selectively blocks upregulated microglial GCPII activity and improves cognition in a mouse model of multiple sclerosis. *Kristen R. Hollinger, Anjali Sharma, Carolyn Tallon, Lyndah Lovell, Ajit G. Thomas et al.*

