

Discovery of HIV-1 envelope glycoproteins associated with a broadly reactive neutralizing antibody responses

Select Publications:

Quinnan GV, Jr., Zhang PF, Fu DW, Dong M, Alter HJ. 1999. Expression and characterization of HIV type 1 envelope protein associated with a broadly reactive neutralizing antibody response. AIDS Res Hum Retroviruses 15:561-570.

Zhang PF, Cham F, Dong M, Choudhary A, Bouma P, Zhang Z, Shao Y, Feng YR, Wang L, Mathy N, Voss G, Broder CC, Quinnan GV, Jr. 2007. Extensively cross-reactive anti-HIV- 1 neutralizing antibodies induced by gp140 immunization. Proc Natl Acad Sci U S A 104:10193- 10198.

Quinnan GV, Jr., Onabajo O, Zhang P, Yan L, Mattapallil JJ, Zhang Z, Dong M, Lu M, Montefiori D, LaBranche C, Broder CC. 2014. Immunization of rabbits with highly purified, soluble, trimeric human immunodeficiency virus type 1 envelope glycoprotein induces a vigorous B cell response and broadly cross-reactive neutralization. PLoS One 9:e98060.