

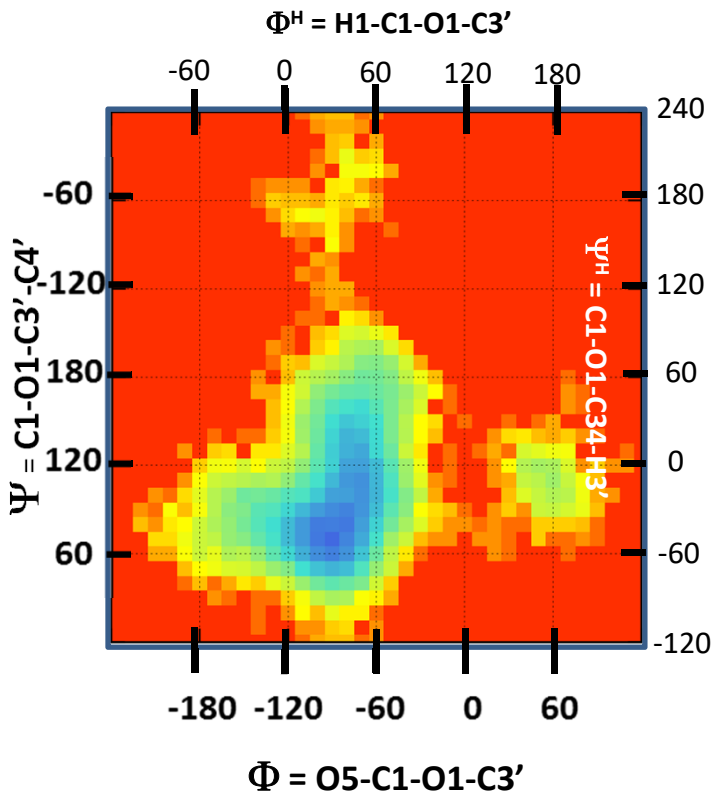
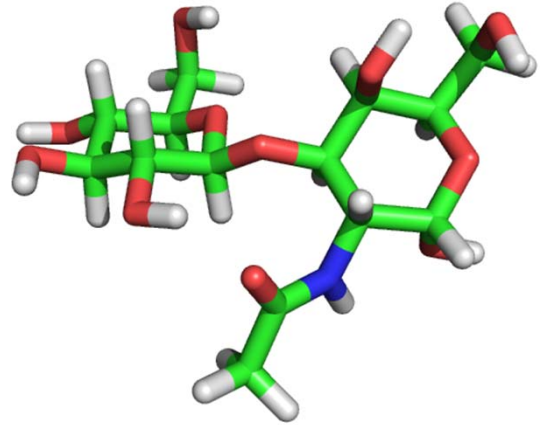
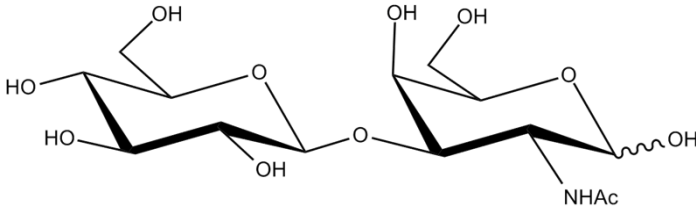
$\beta$ -D-Glcp 1-3 D-GalpNAc



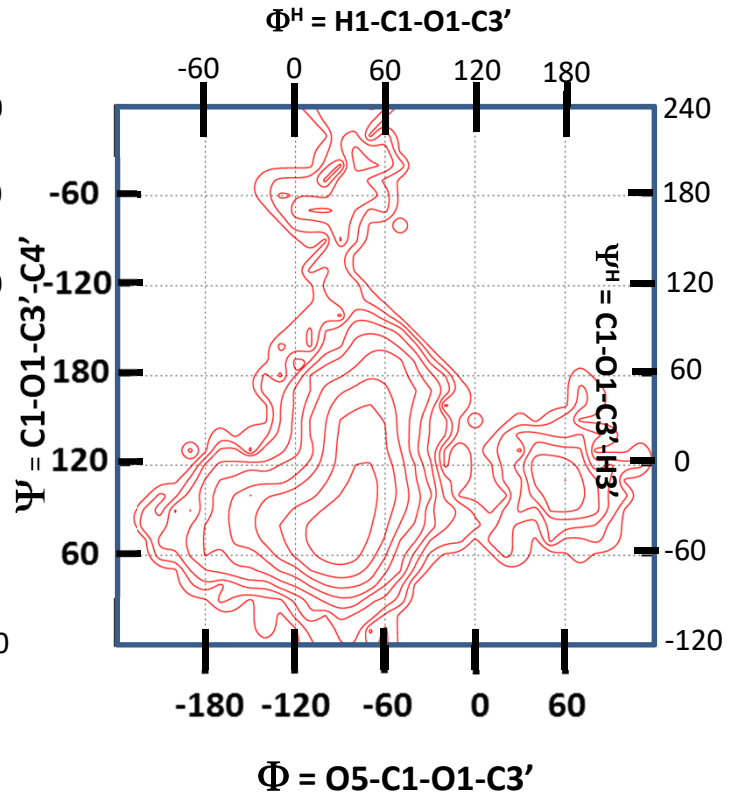
$\beta$ 1-3



Glc  $\beta$ 1-3 GalNAc



- Conf 1 ( $\Phi, \Psi$ ) = -100; 70
- Conf 2 ( $\Phi, \Psi$ ) = -80; 140
- Conf 3 ( $\Phi, \Psi$ ) = 50; 110
- Conf 4 ( $\Phi, \Psi$ ) = -90; -60



- Conf 1 ( $\Phi^H, \Psi^H$ ) = 20; -50
- Conf 2 ( $\Phi^H, \Psi^H$ ) = 40; 20
- Conf 3 ( $\Phi^H, \Psi^H$ ) = 170; -10
- Conf 4 ( $\Phi^H, \Psi^H$ ) = 30; 180