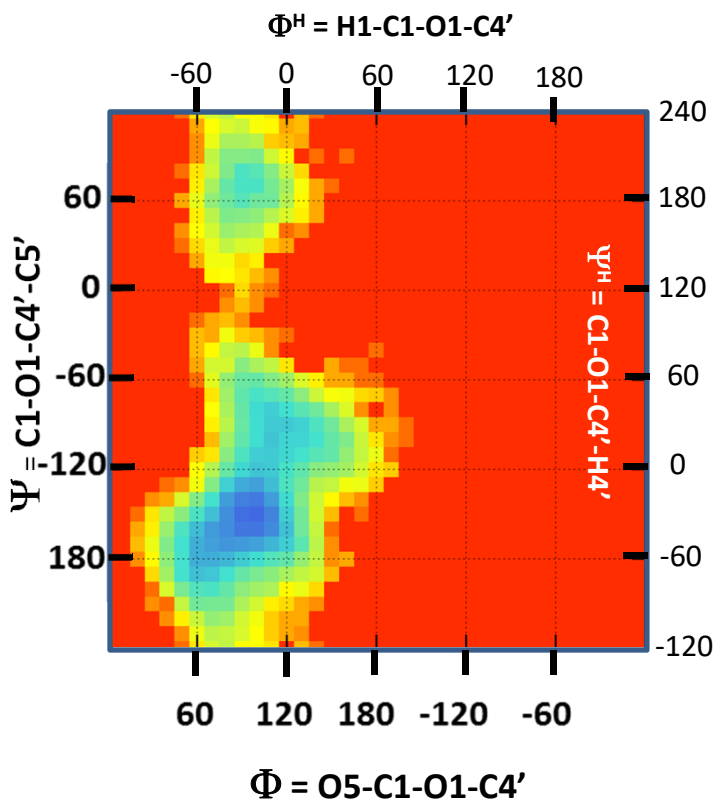
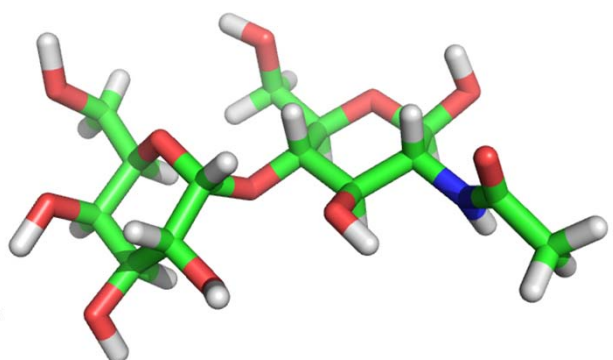
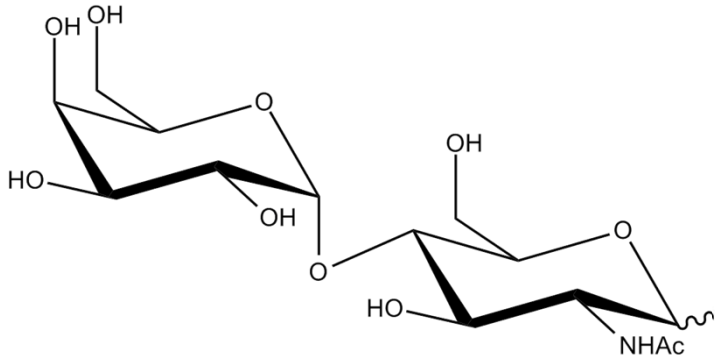
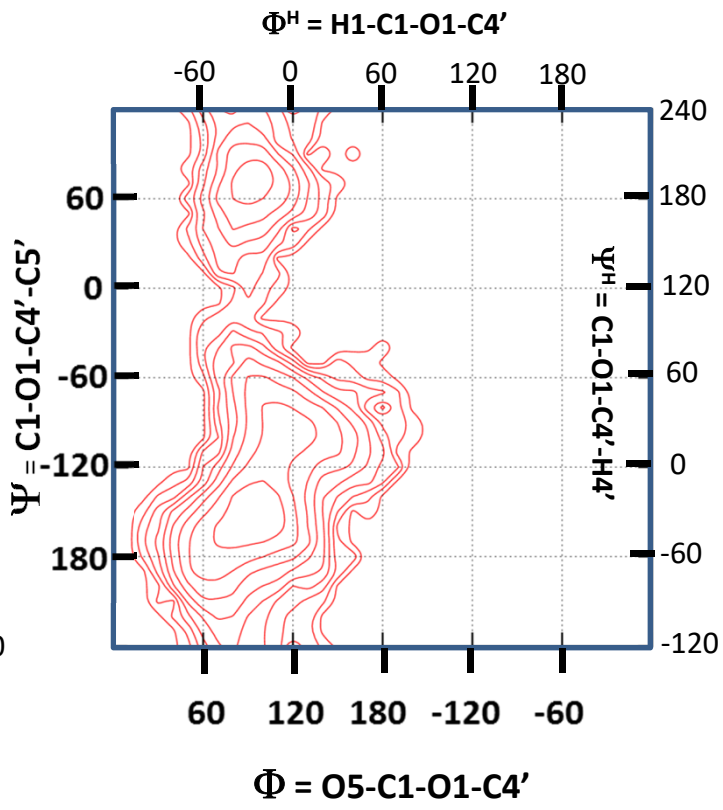


$\alpha$ -D-Galp 1-4 D-GlcpNAc ●  $\alpha$ 1-4 ■ D-Gal  $\alpha$ 1-4 D-GlcNAc



- Conf 1 ( $\Phi, \Psi$ ) = 80; -140
- Conf 2 ( $\Phi, \Psi$ ) = 120; -80
- Conf 3 ( $\Phi, \Psi$ ) = 90; 70



- Conf 1 ( $\Phi^H, \Psi^H$ ) = -40; -20
- Conf 2 ( $\Phi^H, \Psi^H$ ) = 0; 40
- Conf 3 ( $\Phi^H, \Psi^H$ ) = -30; -170