

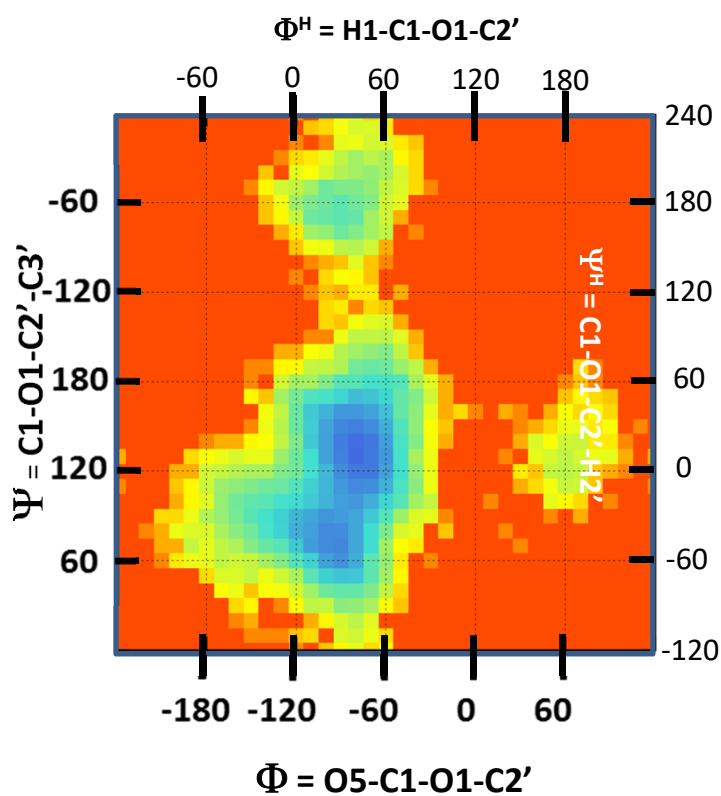
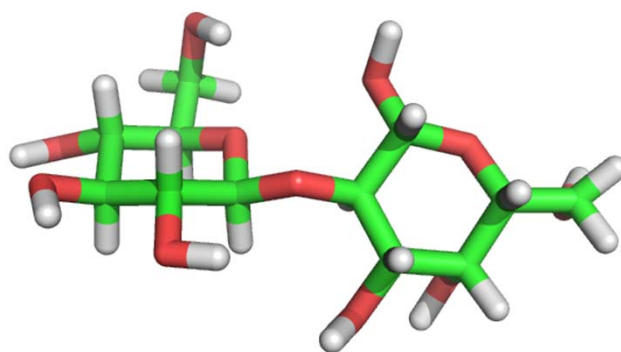
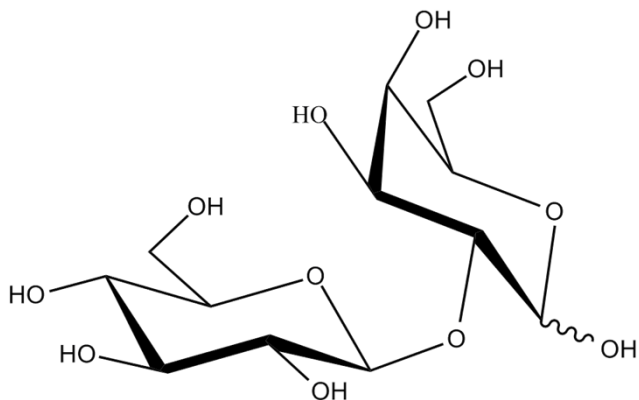
$\beta$ -D-Glcp 1-2 D-Galp



$\beta$ 1-2



Glc  $\beta$ 1-2 Gal

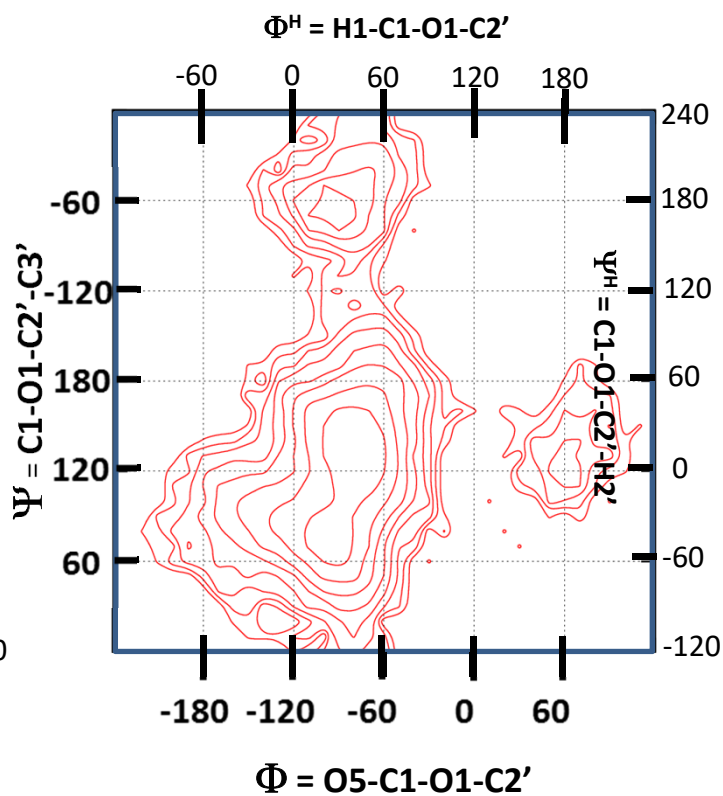


Conf 1 ( $\Phi, \Psi$ ) = -90; -100

Conf 2 ( $\Phi, \Psi$ ) = -100; -160

Conf 3 ( $\Phi, \Psi$ ) = -100; 60

Conf 4 ( $\Phi, \Psi$ ) = 60; -120



Conf 1 ( $\Phi^H, \Psi^H$ ) = 30; 20

Conf 2 ( $\Phi^H, \Psi^H$ ) = 20; -40

Conf 3 ( $\Phi^H, \Psi^H$ ) = 20; 180

Conf 4 ( $\Phi^H, \Psi^H$ ) = 180; 0