

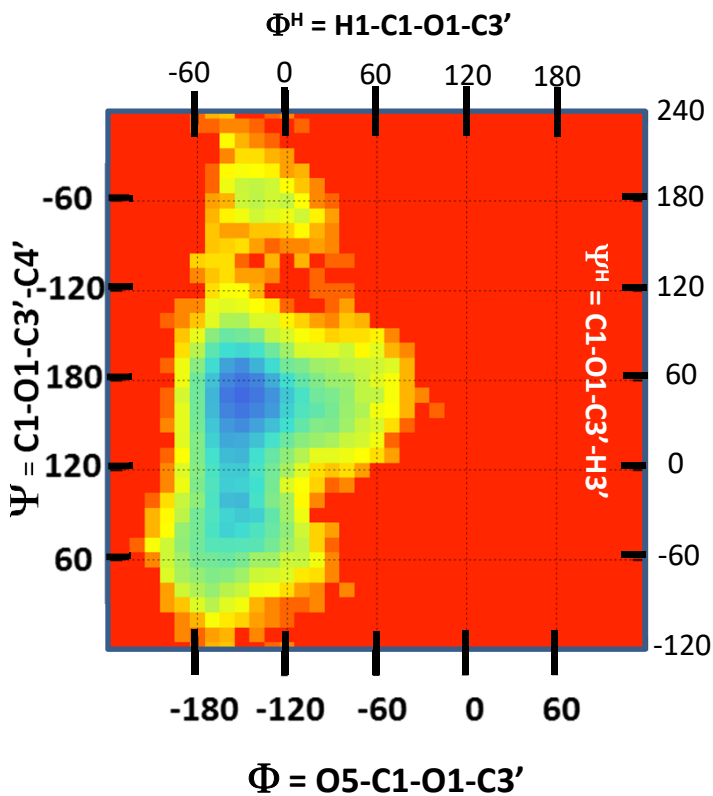
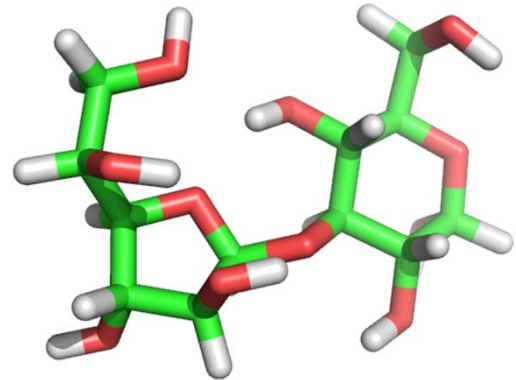
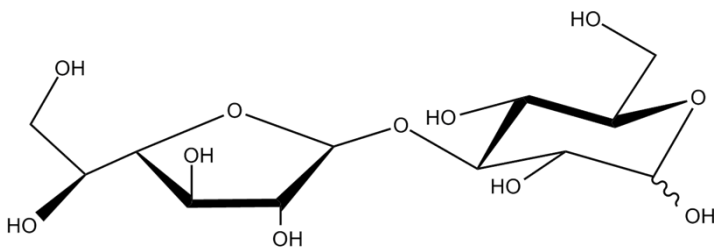
$\beta$ -D-Galf 1-3 D-Glcp



$\beta$ 1-3



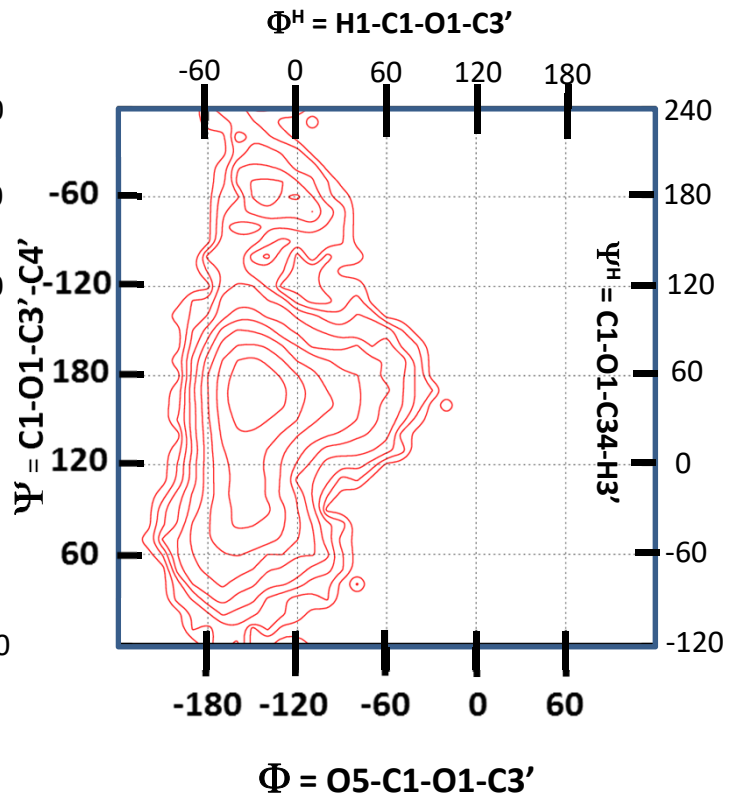
Galf  $\beta$ 1-3 Glc



Conf 1 ( $\Phi, \Psi$ ) = -150; 160

Conf 2 ( $\Phi, \Psi$ ) = -160; 90

Conf 3 ( $\Phi, \Psi$ ) = -140; -60



Conf 1 ( $\Phi^H, \Psi^H$ ) = -30; 40

Conf 2 ( $\Phi^H, \Psi^H$ ) = -40; -30

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