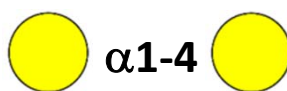
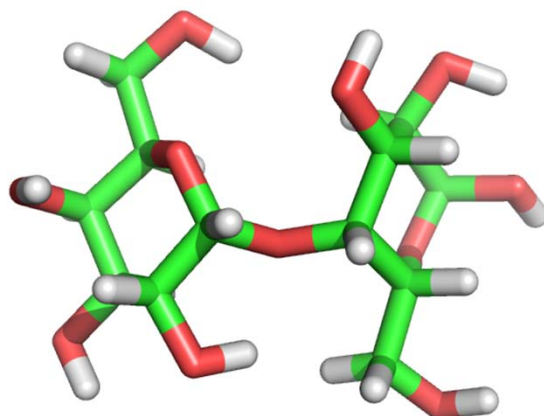
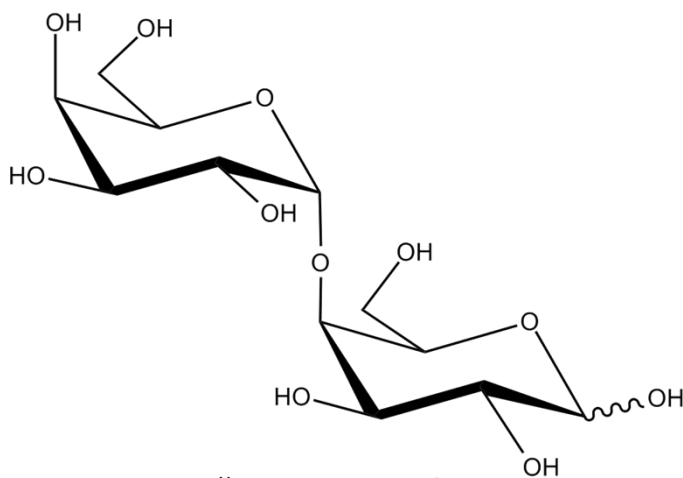


α -D-Galp 1-4 D-Galp

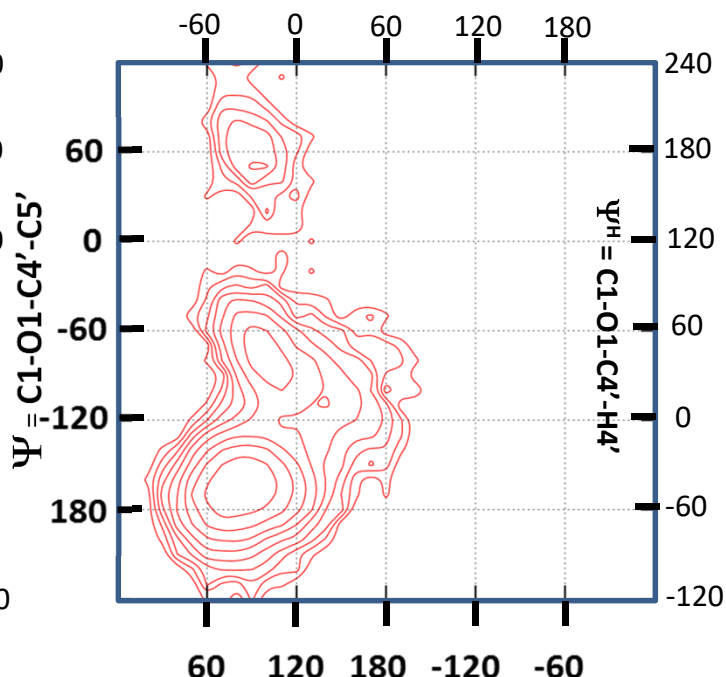
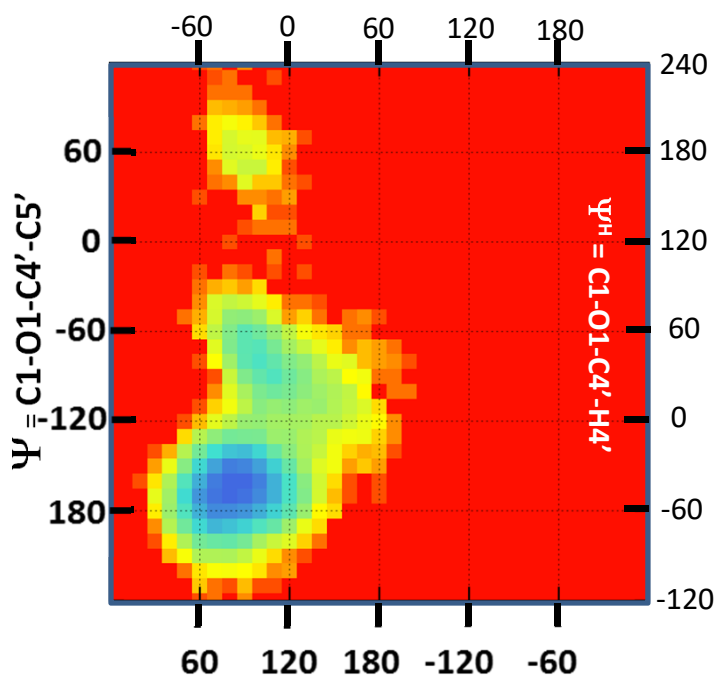


Gal α 1-4 Gal



$\Phi^H = \text{H1-C1-O1-C4}'$

$\Phi^H = \text{H1-C1-O1-C4}'$



$\Phi = \text{O5-C1-O1-C4}'$

$\Phi = \text{O5-C1-O1-C4}'$

Conf 1 (Φ, Ψ) = 80; -160

Conf 2 (Φ, Ψ) = 100; -80

Conf 3 (Φ, Ψ) = 90; 60

Conf 1 (Φ^H, Ψ^H) = -30; -40

Conf 2 (Φ^H, Ψ^H) = -20; 40

Conf 3 (Φ^H, Ψ^H) = -30; 180