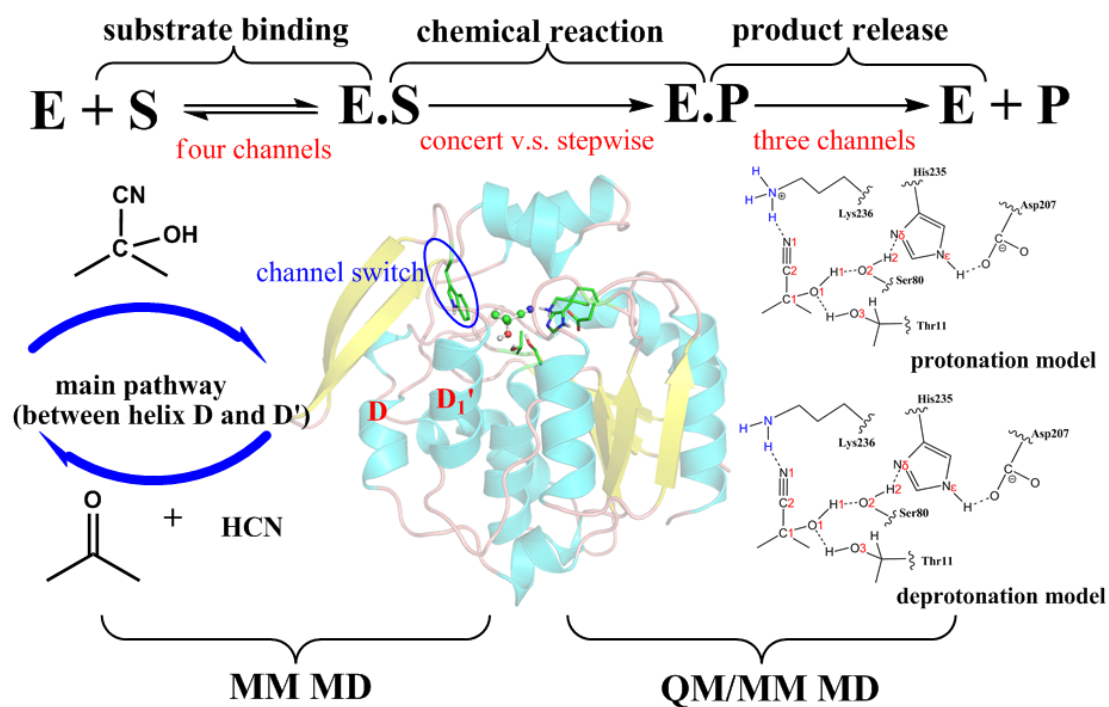


TOC



Full picture of the enzymatic catalysis by Hydroxynitrile Lyases from *Hevea Brasiliensis* (*HbHNL*), which comprises the protonation dependent chemical steps and the residue-gated movement of substrate and product.