

Enzymatic epimerization of deoxynivalenol for food and feed decontamination: enzyme discovery and engineering strategies

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Background

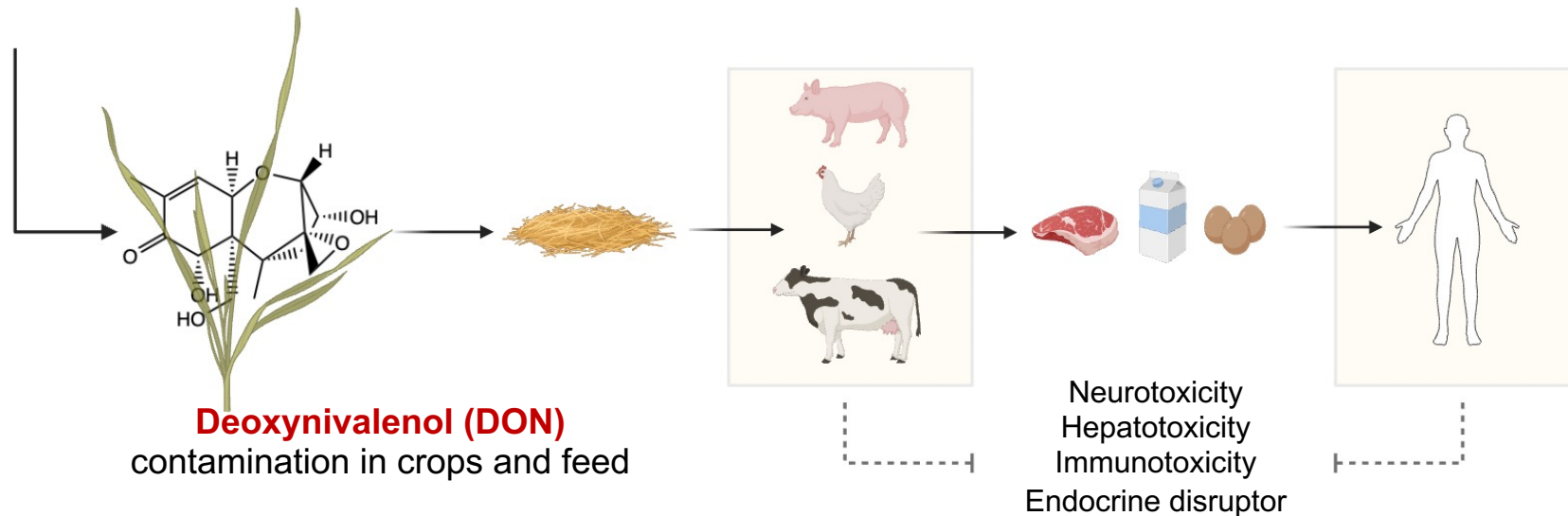


Fusarium crown rot in maize and Fusarium head blight in wheat (*F. graminearum*)

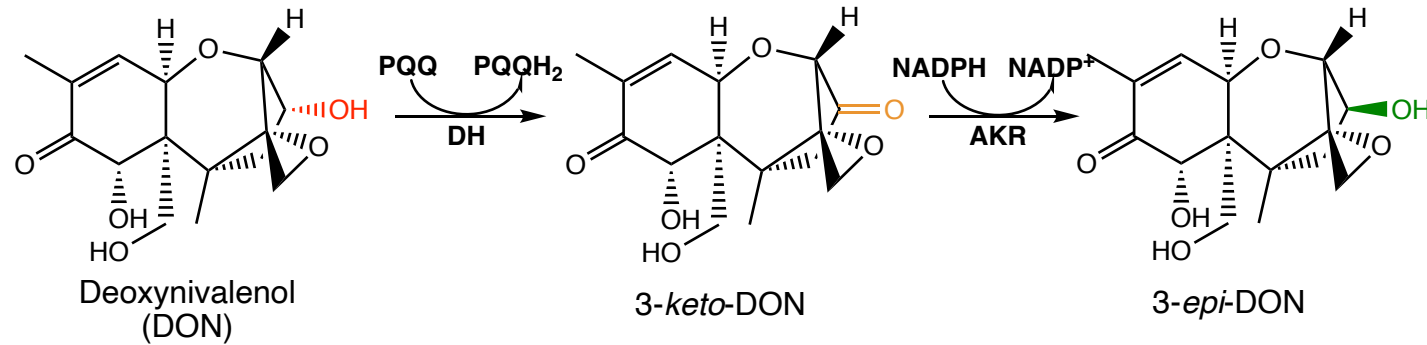
Potato dry rot (*F. solani*)

Giberella fujikuroi in rice (*F. fujikuroi*)

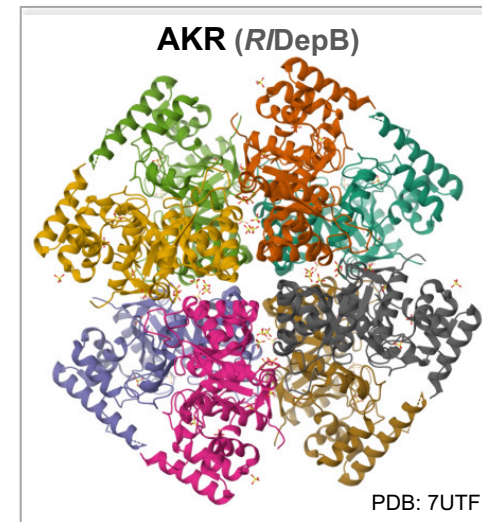
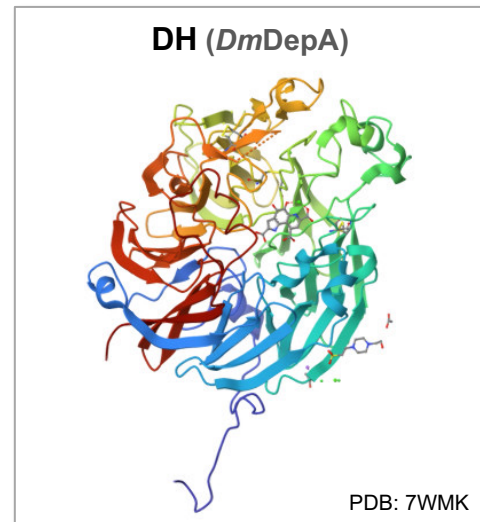
Fusarium wilt in tomato and banana plants (*F. oxysporum*)



DON enzymatic epimerization



Reduced toxicity



Our approach

