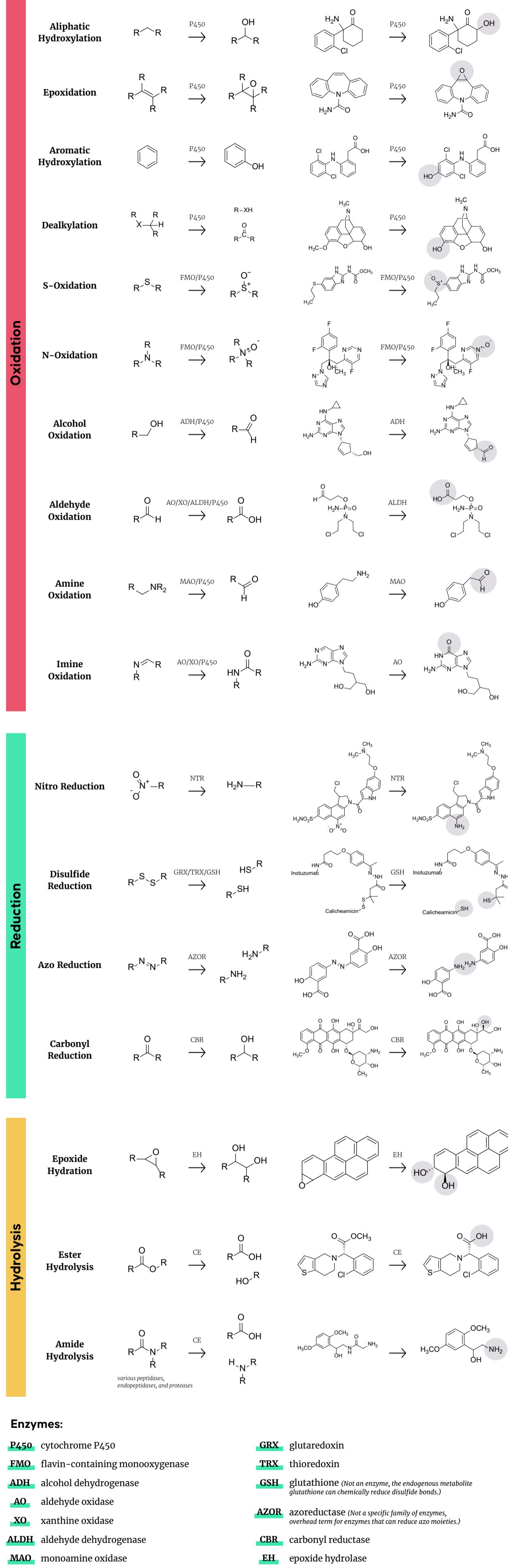


# Phase I Metabolism



## Enzymes:

<b>P450</b>	cytochrome P450
<b>FMO</b>	flavin-containing monooxygenase
<b>ADH</b>	alcohol dehydrogenase
<b>AO</b>	aldehyde oxidase
<b>XO</b>	xanthine oxidase
<b>ALDH</b>	aldehyde dehydrogenase
<b>MAO</b>	monoamine oxidase
<b>NTR</b>	nitroreductase (Not a specific family of enzymes, overhead term for enzymes that can reduce nitro moieties.)

<b>GRX</b>	glutaredoxin
<b>TRX</b>	thioredoxin
<b>GSH</b>	glutathione (Not an enzyme, the endogenous metabolite glutathione can chemically reduce disulfide bonds.)
<b>AZOR</b>	azoreductase (Not a specific family of enzymes, overhead term for enzymes that can reduce azo moieties.)
<b>CBR</b>	carbonyl reductase
<b>EH</b>	epoxide hydrolase
<b>CE</b>	carboxylesterase