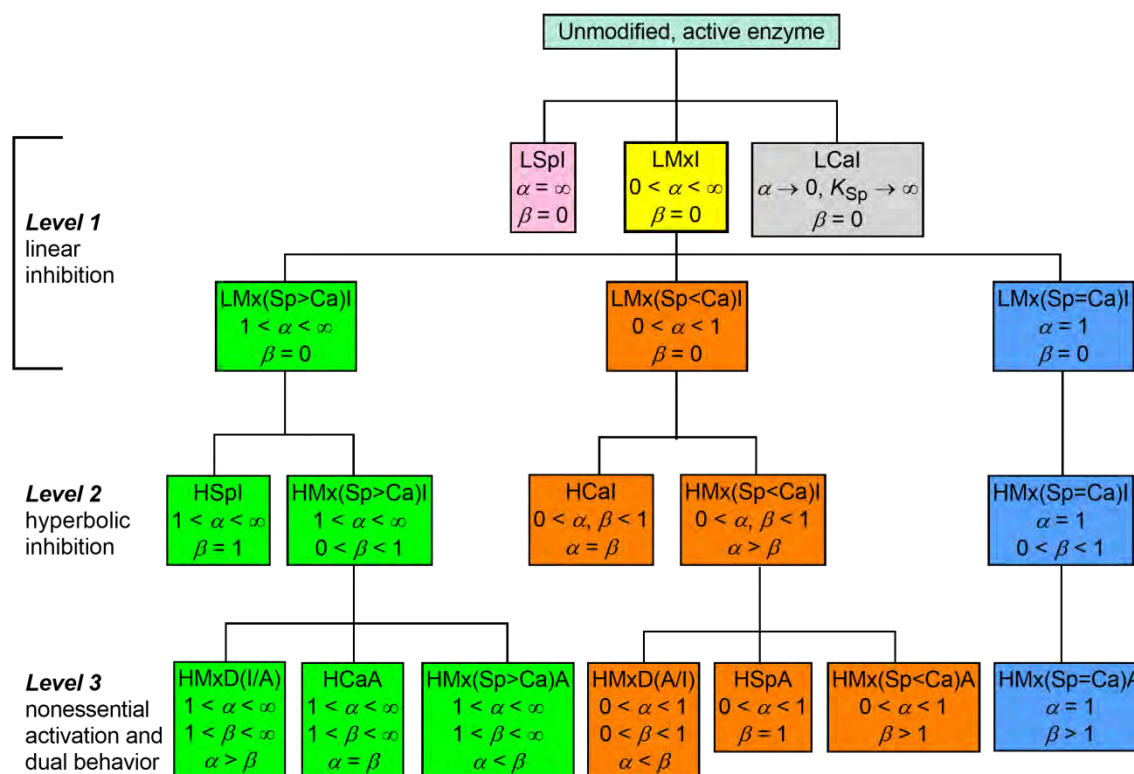


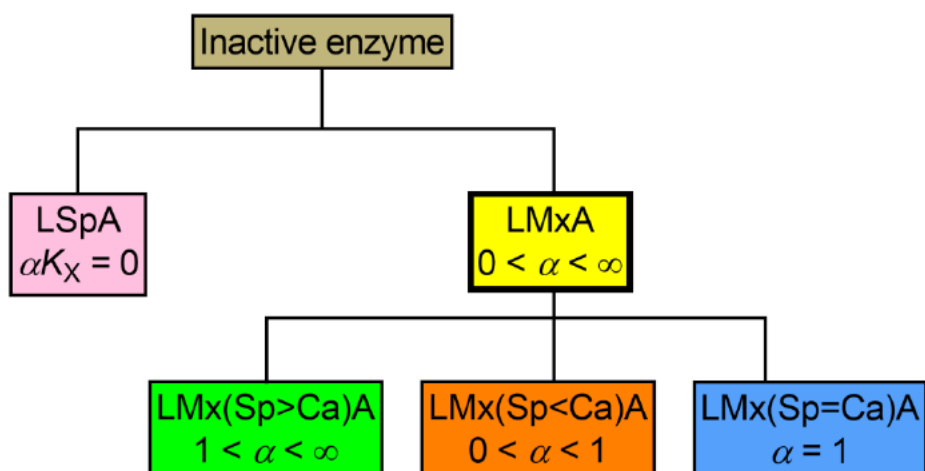
Systematics (taxonomy + nomenclature) of enzyme-modifier interactions: inhibition and nonessential activation



	Acronym	Full Name
Level 1	LSpI	Linear specific inhibition
	LCaI	Linear catalytic inhibition
	LMx(Sp>Ca)I	Linear mixed, predominantly specific inhibition
	LMx(Sp<Ca)I	Linear mixed, predominantly catalytic inhibition
	LMx(Sp=Ca)I	Linear mixed, balanced inhibition
Level 2	HSpI	Hyperbolic specific inhibition
	HMx(Sp>Ca)I	Hyperbolic mixed, predominantly specific inhibition
	HCaI	Hyperbolic catalytic inhibition
	HMx(Sp<Ca)I	Hyperbolic mixed, predominantly catalytic inhibition
	HMx(Sp=Ca)I	Hyperbolic mixed, balanced inhibition
Level 3	HMxD(I/A)	Hyperbolic mixed, dual modification (inhibition → activation)
	HCaA	Hyperbolic catalytic activation
	HMx(Sp>Ca)A	Hyperbolic mixed, predominantly specific activation
	HMxD(A/I)	Hyperbolic mixed, dual modification (activation → inhibition)
	HSpA	Hyperbolic specific activation
	HMx(Sp<Ca)A	Hyperbolic mixed, predominantly catalytic activation
	HMx(Sp=Ca)A	Hyperbolic mixed, balanced activation

Glossary of the acronyms on the next page

Systematics (taxonomy + nomenclature) of enzyme-modifier interactions: essential activation



Acronym	Full Name
LSpA	Linear specific activation
LMx(Sp>Ca)A	Linear mixed, predominantly specific activation
LMx(Sp<Ca)A	Linear mixed, predominantly catalytic activation
LMx(Sp=Ca)A	Linear mixed, balanced activation

Glossary of the acronyms

A	activation
Ca	catalytic
D	dual, inhibition or activation, depending on substrate concentration
H	hyperbolic
I	inhibition
L	linear
Mx	mixed
Sp	specific
(Sp>Ca)	predominantly specific
(Sp<Ca)	predominantly catalytic
(Sp=Ca)	balanced, the specific and the catalytic components are equally represented