

Table S1. Keyword library to describe the interaction between herbal ingredients and proteins

	Interaction			Effect
	Positive	Negative	General	
Type A	Agonist; activator	Antagonist; inhibitor	Bind; target; bound	
Type B	Activate; Augment; Ameliorate; Derepress; Elevate; Enhance; Hasten; Increase; Induce; Incitate; Initiate Potentiate; Promote; Raise; Stimulate; Up-regulate	Abrogate; Abolish; Against; Attenuate; Antagonize; Block; Blunt; Down regulate; Decrease; Degrade; Diminish; Impair; Inhibit; Reduce; Repress; Suppress	Affect; Interact; Disturb; Regulate; Impact; Influence; Interfere; Modify; Modulate	Activity; Activation; Level; Expression; Pathway; Cleavage; Methylation; Phosphorylation; Severance; Glycosylation; Acetylation