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## LIST OF ABBREVIATIONS

<b>5-HT</b>	5-hydroxytryptamine
<b>AC</b>	Adenylate cyclase
<b>Ach</b>	Acetylcholine
<b>AGE</b>	Advanced glycation end products
<b>ALT</b>	Alanine transferase
<b>ARE</b>	Antioxidant responsive element,
<b>AST</b>	Aspartate transferase
<b>C. parapsilosis</b>	Candida parapsilosis
<b>C. burmanii</b>	Cinnamon. Burmanii
<b>C. orthopsilosis</b>	Candida orthopsilosis
<b>C.tritaeniorhynchus</b>	Culex tritaeniorhynchus
<b>CA</b>	Cinnamaldehyde
<b>CCK</b>	Cholecystokinin
<b>CCL4</b>	Carbon tetrachloride
<b>CDF</b>	Choledocho-duodenal fistulisation
<b>COX</b>	Cyclooxygenase, COX-1 and COX-2
<b>ECL</b>	enterochromaffine-like cells
<b>EP<sub>3</sub></b>	Procyclin EP <sub>3</sub>
<b>FOXO3a</b>	Forkhead transcription factor
<b>GP</b>	glutathione peroxidase
<b>GSH</b>	glutathione
<b>H.pylori</b>	Helicobacter pylori.
<b>H/K<sup>+</sup>ATPase</b>	Hydrogen/potassium adenosine triphosphate enzyme system
<b>H<sub>2</sub>RAs</b>	Histamine receptors antagonists
<b>Hist</b>	Histamine
<b>IFN <math>\gamma</math></b>	Interferon gama

<b>IL-</b>	Interleukin
<b>iNOS</b>	Inducible nitric oxide synthase
<b>MDA</b>	Malondialdehyde
<b>NADPH</b>	reduced nicotinamide adenosine dinucleotide phosphate
<b>Nrf2</b>	Nuclear E2_related factor 2
<b>NSAIDs</b>	Nonsteroidalantiinflammatory drugs.
<b>P.aeruginosa</b>	Pseudomonas. Aeruginosa
<b>PGs</b>	Prostaglandins
<b>PPAR</b>	Peroxisome proliferator activated receptor
<b>PPAR<math>\gamma</math></b>	Peroxisome proliferator activated receptor $\gamma$
<b>PPIs</b>	Proton pump inhibitors
<b>PPRE</b>	Peroxisome proliferator response elemen
<b>PUD</b>	Peptic ulcer disease
<b>ROS</b>	reactive oxygen species
<b>SOD</b>	superoxide dismutases
<b>SSRE</b>	Selective Seretonin Reuptake Enhancer
<b>SSRIs</b>	Selective serotonin reuptake inhibitors
<b>Tc</b>	Trans-cinnamaldehyde
<b>TCA</b>	Tricyclic antidepressants
<b>TNF-</b>	Tumor necrosis factor
<b>UC</b>	Ulcerative colitis
<b>VCAM-1</b>	Vascular cell adhesion molecule-1
<b>VEGF</b>	Vascular endothelial growth factor
<b>VEGF</b>	Vascular endothelial growth factor