



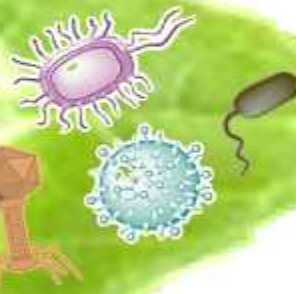
Free radical
scavenging
Iron chelator

↑ cellular antioxidant
enzymes activities



↓ COX-2, iNOS,
PGE-2, TNF- α , IL-6
↑ IL-10
↑ opioid receptors
activation

Antibacterial Antifungal
Antiviral Antiparasitic
properties



Hypolipidemic
Antiplatelet aggregation
Antithrombotic
Antihypertensive
Vasorelaxant properties

Wound healing
Anti-aging
UV-protective
Skin whitening



Antidepressant
Anticonvulsant
Sedative
Anxiolytic effects

Antiasthma
Anti-bronchitis
Bronchodilatory
Relaxant effects



↓ carbohydrates
digestion
↑ musculoskeletal
glucose uptake
Insulin mimicking and
sensitizing properties

Apoptotic
Cytotoxic
Anti-proliferative
Anti-mutagenic
Chemo-preventive
activities

Tumor

