

**Dr. Duke's Phytochemical and Ethnobotanical Database****Biological Activities Found in *Origanum vulgare***

| <b>Activity</b>            | <b>Chemical Count</b> |
|----------------------------|-----------------------|
| (-)-Chronotropic           | 2                     |
| (-)-Inotropic              | 2                     |
| Abortifacient              | 1                     |
| Acaricide                  | 6                     |
| ACE-Inhibitor              | 4                     |
| AChE-Inhibitor             | 1                     |
| Aldose-Reductase-Inhibitor | 4                     |
| Allelochemic               | 3                     |
| Allelopathic               | 5                     |
| Allergenic                 | 8                     |
| Allergenic?                | 1                     |
| Analgesic                  | 3                     |
| Ancylostomicide            | 1                     |
| Anesthetic                 | 5                     |
| Ankylostomacide            | 1                     |
| Anthelmintic               | 4                     |
| Antiacetylcholinesterase   | 7                     |
| Antiacne                   | 4                     |

| <b>Activity</b>     | <b>Chemical Count</b> |
|---------------------|-----------------------|
| Antiadenomic        | 1                     |
| Antiaggregant       | 1                     |
| Antiallergic        | 3                     |
| Antialzheimeran?    | 3                     |
| Antiarthritic       | 1                     |
| Antiasthmatic       | 2                     |
| Antiatherosclerotic | 2                     |
| Antibacillary       | 1                     |
| Antibacterial       | 12                    |
| Antibronchitic      | 3                     |
| Anticancer          | 2                     |
| Anticariogenic      | 4                     |
| Anticatarrh         | 2                     |
| Anticholinesterase  | 3                     |
| Anticholinesterase? | 1                     |
| Anticonvulsant      | 1                     |
| Antidiuretic        | 1                     |
| Antiesophagitic     | 1                     |
| Antifatigue         | 2                     |
| Antifeedant         | 4                     |

| <b>Activity</b>          | <b>Chemical Count</b> |
|--------------------------|-----------------------|
| Antiflu                  | 3                     |
| Antihalitotic            | 3                     |
| Antihelicobacter         | 1                     |
| Antiherpetic             | 2                     |
| Antiinflammatory         | 9                     |
| Antilaryngitic           | 2                     |
| Antileptic               | 1                     |
| Antilithic               | 1                     |
| Antilithic?              | 1                     |
| Antilymphomic            | 1                     |
| Antimelanomic            | 2                     |
| Antimetastatic (Stomach) | 1                     |
| Antimutagenic            | 2                     |
| Antineuritic             | 1                     |
| Antinitrosaminic         | 3                     |
| Antinociceptive          | 3                     |
| Antiobesity              | 1                     |
| Antioxidant              | 8                     |
| Antioxidant (LDL)        | 2                     |
| Antiperiodontic          | 1                     |

| <b>Activity</b>    | <b>Chemical Count</b> |
|--------------------|-----------------------|
| Antipharyngitic    | 2                     |
| Antiplateau        | 4                     |
| Antipneumonic      | 1                     |
| Antiproliferant    | 1                     |
| Antiprostaglandin  | 1                     |
| Antiradicular      | 2                     |
| Antirheumatalgic   | 1                     |
| Antirheumatic      | 3                     |
| Antirhinitic       | 2                     |
| Antirhinoviral     | 1                     |
| Antisalmonella     | 1                     |
| Antiseptic         | 11                    |
| Antisinusitic      | 2                     |
| Antispasmodic      | 11                    |
| Antistaphylococcic | 5                     |
| Antistreptococcic  | 2                     |
| Antitrichinosic    | 1                     |
| Antitumor          | 2                     |
| Antitumor (Breast) | 1                     |
| Antitumor (Colon)  | 1                     |

| <b>Activity</b>      | <b>Chemical Count</b> |
|----------------------|-----------------------|
| Antitumor (Pancreas) | 1                     |
| Antitumor (Prostate) | 1                     |
| Antitumor (Stomach)  | 1                     |
| Antitussive          | 5                     |
| Antiulcer            | 5                     |
| Antiviral            | 5                     |
| Apoptotic            | 1                     |
| Ataxigenic           | 1                     |
| Bacteriostatic       | 1                     |
| Bronchoprotectant    | 1                     |
| Cancer-Preventive    | 2                     |
| Candidicide          | 5                     |
| Candidistat          | 1                     |
| Carcinogenic         | 2                     |
| Carminative          | 2                     |
| Chemopreventive      | 2                     |
| Choleretic           | 2                     |
| Cholesterolytic      | 1                     |
| Cicatrizant          | 1                     |
| CNS-Stimulant        | 2                     |

| <b>Activity</b>          | <b>Chemical Count</b> |
|--------------------------|-----------------------|
| Coleoptophile            | 1                     |
| Convulsant               | 2                     |
| Counterirritant          | 3                     |
| Culicide                 | 1                     |
| Cyclooxygenase-Inhibitor | 2                     |
| Cytochrome-P450-Inducer  | 2                     |
| Decongestant             | 2                     |
| Degranulant              | 2                     |
| Dentifrice               | 3                     |
| Deodorant                | 2                     |
| Dermatitigenic           | 2                     |
| Detoxicant               | 1                     |
| Diuretic                 | 1                     |
| Edemagenic               | 2                     |
| Enterocontractant        | 1                     |
| Enterorelaxant           | 2                     |
| Enterotoxic              | 1                     |
| Expectorant              | 8                     |
| FLavor                   | 17                    |
| Fungicide                | 9                     |

| <b>Activity</b>         | <b>Chemical Count</b> |
|-------------------------|-----------------------|
| Fungiphilic             | 1                     |
| Fungistat               | 1                     |
| Gastroirritant          | 1                     |
| Gastroprotective        | 2                     |
| Gram(+)icide            | 3                     |
| Gram(-)icide            | 3                     |
| GST-Inducer             | 1                     |
| Hepatotonic             | 2                     |
| Herbicide               | 7                     |
| Histaminic              | 1                     |
| Hypocholesterolemic?    | 1                     |
| Hypotensive             | 2                     |
| Hypothermic             | 1                     |
| Immunomodulator         | 1                     |
| Inflammatory            | 2                     |
| Insecticide             | 5                     |
| Insectifuge             | 15                    |
| Insectiphile            | 1                     |
| Interleukin-6-Inhibitor | 2                     |
| Irritant                | 12                    |

| <b>Activity</b>                   | <b>Chemical Count</b> |
|-----------------------------------|-----------------------|
| Larvicide                         | 1                     |
| Laxative                          | 1                     |
| Lipolytic                         | 1                     |
| Molluscicide                      | 1                     |
| Mosquitofuge                      | 1                     |
| Motor-Depressant                  | 2                     |
| Motor-Stimulant                   | 1                     |
| Myorelaxant                       | 5                     |
| Nematicide                        | 8                     |
| Neurotoxic                        | 2                     |
| NO-Genic                          | 1                     |
| Ornithine-Decarboxylase-Inhibitor | 1                     |
| Ozone-Scavenger                   | 1                     |
| P450-2B1-Inhibitor                | 3                     |
| P450-Inducer                      | 3                     |
| Pediculicide                      | 2                     |
| Perfume                           | 2                     |
| Perfumery                         | 14                    |
| Peristaltic                       | 1                     |
| Pesticide                         | 18                    |



| <b>Activity</b>                  | <b>Chemical Count</b> |
|----------------------------------|-----------------------|
| Photosensitizer                  | 1                     |
| Prostaglandin-Inhibitor          | 1                     |
| Renoirritant                     | 1                     |
| Rubefacient                      | 2                     |
| Secretagogue                     | 2                     |
| Sedative                         | 9                     |
| Spasmogenic                      | 6                     |
| Spermicide                       | 1                     |
| Sprout-Inhibitor                 | 1                     |
| Stomachic                        | 1                     |
| Surfactant                       | 2                     |
| Termiticide                      | 1                     |
| Testosterone-Hydroxylase-Inducer | 2                     |
| Tracheorelaxant                  | 2                     |
| Tranquilizer                     | 1                     |
| Transdermal                      | 6                     |
| Trichomonicide                   | 5                     |
| Urinary-Antiseptic               | 1                     |
| Varroacide                       | 1                     |
| Vermicide                        | 1                     |

| Activity  | Chemical Count |
|-----------|----------------|
| Vermifuge | 1              |
| Vulnerary | 2              |