

## KOPŘIVA – CITACE Z VĚDECKÉ STUDIE

Název: Antioxidant, antimicrobial, antiulcer and analgesic activities of nettle (*Urtica dioica* L.)

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Citace (Abstrakt): „In this study, water extract of nettle (*Urtica dioica* L.) (WEN) was studied for antioxidant, antimicrobial, antiulcer and analgesic properties.“

Překlad:

Citace (str. 205): „Aqueous infusions of Mediterranean herbs including *Urtica dioica*, exhibit antioxidant activity towards iron-promoted oxidation of phospholipids, linoleic acid and dcoxyriosc.

Překlad:

Citace: (str. 213): „It is known in traditional therapy that *Urtica dioica* L (*urticaceae*) or nettle has a **hypertensive effect**. Therewith, some other actions of this plant were reported such as **anti-inflammatory and antirheumatic effects**.“

„The effects of the nettle are also evoked in the therapy of the prostatic hyperplasia, but this plant has no hypoglycemic action, as reported by Raman-Ramos.“

„On the basis of the results of this study, it is clearly indicated that WEN has a powerful antioxidant activity against various oxidative systems in vitro; moreover, WEN can be used as accessible source of natural antioxidants and as a possible food supplement or in pharmaceutical industry.“

„In addition, free radicals have been demonstrated to be a contributing factor in the tissue injury and modulation of the pain. Some studies have revealed that the antioxidants melatonin and beta carotene potentiate the antinociceptive responses. It was indicated that **vitamin E has beneficial effects in improvement of rheumatic disease**, intermittent claudication or angina pectoris due to its antioxidant activity. According to the above information, it is said that **there is a relationship between antioxidant and analgesic activities. Analgesic activities may be related to antioxidant activity**.“

Kopřiva má:

Efekt na revma a popáleniny

Antioxidační efekt

Analgetický efekt