

Flawonoidy – budowa, właściwości i funkcja ze szczególnym uwzględnieniem roślin motylkowatych

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Flavonoids' structure, properties and particular function for legume plants

Summary

Plants produce a vast array of secondary metabolites. There are three major groups of them: terpenes, nitrogen-containing secondary metabolites and phenolics. These molecules have a great impact on biology of plants and environment. Here, we briefly introduce flavonoids – one of the largest class of plant phenolics. Their biosynthesis, properties and different functions are presented. Special attention is paid to legume plants and a role of flavonoids as signaling molecules in symbiosis. For human nutrition, flavonoids represent compounds with health-promoting activities and such properties for some of them are also indicated.

Key words:

secondary metabolites, phenolics, isoflavonoids, legumes

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