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Czech J. Food Sci.

**Velíšek J., Davídek J.,
Cejpek K.:**

Biosynthesis of food constituents: Natural pigments: Part 1

Czech J. Food Sci., 25 (2007): 291-315

This review article gives a survey of the generally accepted biosynthetic pathway that lead to the most important natural pigments in organisms closely related to foods and feeds. The biosynthetic pathways leading to hemes, chlorophylls melanins, betalains, and quinones are described using the enzymes involved and the reaction schemes with detailed mechanisms.