

Abstract

Dlabajová D., Antioxidants of natural origin influencing memory,

Bachelor thesis 2012/2013, Charles University in Prague, Faculty of Pharmacy in Hradec Králové, pp. 54.

Large amount of substances isolated from plants which are located all around the world, has antioxidant activity, which prevents the formation of free radicals. These result in development of neurodegenerative disorders, cognitive impairment and dementia. Antioxidants could have an important role in the prevention and treatment of these diseases. Selection of plants with this effect is mentioned in my bachelor thesis (for example *Acorus gramineus*, *Bacopa monnieri*, *Curcuma longa*, *Lepidium meyenii*, *Scutellaria baicalensis* etc.).