

# TRANSPORT FLAVONOIDŮ PŘES BUNĚČNÉ MEMBRÁNY II.

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## ABSTRACT

This thesis was intended to determinate whether the transport of baicalin ( flavonoid from *Scutellaria baicalensis* Georgii, *Lamiaceae*) from vakuole to cytosol is dependent on the presence of Mg-ATP. For evaluation was applicaced HPLC analysis. Our results show that Mg-ATP has a positive effect on rate of transport. The transport mechanism for baicalin then probably belongs to MRP proteins, whitch are subfamily of ABC transporters.

keywords: Scutellaria, baicalin, baicalein, Mg-ATP