

CONTENTS

Mareš V., Botirolli G., Scherini E., Croce A.C., Bačáková L.: A simple tissue culture technique for screening of the cell damage induced by the photodynamic effect	5
Hajer J.: Did the way of attachment of the threads of spider webs of the ground affect the evolution of these webs?	13
Růžička V. (ed.), Antuš M., Antuš P., Dolanský J., Hajer J., Kasal P.: Spiders of Doupovské hory Mts.	25
Kubát K.: Lapulla squarrosa (Retz.) Dumort. (Boraginaceae) in der Tschechischen Republik.	35
Vlačička V.: Shark fauna in NW part of the Bohemian Cretaceous Basin.	49
Zelenka P., Coubal M.: Tectonic breccia near Liboňov, northern Bohemia.	55
Mühlfeldová Z.: Stanovení množství arsenu ve vlasech vybraných skupin lidské populace (Assessment of arsenic amount in hair of chosen groups of human population)	63

Abstract

The interaction of light with photosensitizing drugs leads to formation of highly reactive oxygen species exerting oxidative damage to cells. This so called photodynamic effect represents a promising method for selective destruction of tumor cells loaded with a photosensitizer. Wider clinical use of this approach requires development of new photosensitizing drugs with higher affinity to tumor cells and further optimization of the irradiation procedure. Here, we report a simple approach allowing screening of the