

## **Investigation of the *Scrophulariaceae* plants as an example of informational analysis of database «TIBETAN MEDICINE»**

© Galina V. Chekhirova,<sup>\*†</sup> Daniil N. Olennikov, Tamara A. Aseeva, and Natalia A. Kuznetsova

Laboratory of Medical and Biological Research. Department of Biologically Active Substances. Institute of General and Experimental Biology. Siberian Division. Russian Academy of Science. Sakh'yanovoi St., 6.

Ulan-Ude, 670047. Russia. Phone: +7 (3012) 43-47-43. Fax: +7 (3012) 43-47-43.

E-mail: [gchehirova@mail.ru](mailto:gchehirova@mail.ru).

<sup>\*</sup>Supervising author, <sup>†</sup>Corresponding author

**Keywords:** *Scrophulariaceae*, *Pedicularis*, tibetan medicine, database, iridoids, phenylpropanoids.

### **Abstract**

The data on using *Scrophulariaceae* plants are presented. On the example of the genus *Pedicularis* the validity of information about plants medical application in the Tibetan sources has been shown. The analysis of the indications for using the plants raw of one genus having the same Tibetan name, in particular genus *Pedicularis*, and the study of the content of biologically active substances in different species of this genus helps to streamline the information included into the automated database "Tibetan Medicine" and identifies the most perspective directions of plants research.