

## CONSERVATION OF THE DIVERSITY OF MEDICINAL PLANTS WITH APPLICABILITY DENTAL MEDICINE AND SUSTAINABLE USE OF PLANT RESOURCES

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**Abstract.** *The high incidence of oro-dental pathologies correlated with the significant increase in antibiotic resistance has led to the urgent need to develop alternative treatments, using as natural sources the active principles present in medicinal plants. Thus, at the border between traditional and modern, the use of therapeutic effects of various medicinal plants seems to be a way of preventing and treating oro-dental diseases. Along with this use of plant resources, there is therefore also an awareness of the need to conserve species affected, over time, by overharvesting or even mass extinctions. The sustainable use of these resources leads to maintaining the dynamic balance of ecosystems, maintaining and preserving ecosystem services vital to the development of life on Earth.*

**Keywords:** medicinal plants, conservation of plant resources, sustainability, oro-dental pathologies.

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Medicinal plants are a valuable source of herbal medicine, but it is diminishing in number of species globally. This subsection develops strategies for the conservation of the diversity of medicinal plants, but also methods of sustainable development, which are urgently necessary for the sustainable use of plant resources [1, 2].

More than 1300 medicinal plants are used in Europe, 90% of which are harvested from wild flora, and in the United States of the 150 commonly used medicinal slopes, 118 are often found as sources of therapeutic agents on medical prescriptions [3]. At the same time, to these percentages is added the fact that up to