**Chemical and therapeutic properties of *Mentha piperita***

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**Statement of Problem:** Today, chemical drugs are used for treatment of various diseases. However, using of chemical drugs causes negative effects on health human and environment. Therefore, using of medicinal plants can be solved the problems.

**Research Purpose:** Herbal medicinal compounds are applied all over the world as the most natural way to intake of phytochemicals. Today, application of natural products is growing due to their bioactive molecules and antioxidant properties. The properties capable the compounds for neutralizing free radicals slowing the progress of many chronic diseases associated with oxidative stress.

**Research Method:** Among the different medicinal plants, *Mentha piperita* is one of the herbs most broadly used worldwide due to their medicinal preparations. Its leaf is applied as a remedy for common cold, pharynx, inflammation of the mouth, liver, as well as disorders in the gastrointestinal tract such as vomiting, nausea, cramps, diarrhea, flatulence and dyspepsia. The paper is based on the literature which applied experimental studies for investigation of chemical and therapeutic properties of *Mentha piperita*.

**Results and Conclusion:** Studies about *Mentha piperita* has confirmed the presence of a wide variety of bioactive compounds causes the plant shows an important role as anti-oxidant, antinociceptive, antimicrobial, antiviral, antitumorigenic and etc. demonstrating its utility in the prevention or treatment of several diseases.

**Keywords:** *Mentha piperita*, Therapeutic properties, Anti-oxidant, Anti-tumorigenic.