

9th International Conference and Exhibition on

Chinese Medicine Ayurveda & Acupuncture

March 12-13, 2018 | Barcelona, Spain

Use of an internal membrane infusion of the *Rhea pennata pennata mollery* as a digestive

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Ethnomedicine is a very prolific field of research, especially in Patagonia south of Argentina, in the city of Gobernador Gregores. The agricultural school has been a pioneer in the organization and implementation of studies on the medicinal flora of the region. This research work allows us to develop a first scientific approach to a remedy widely used today in stays or positions as alternative medicine: The pesina: this medicinal compound is the inner membrane of the muscular stomach of *Rhea pennata pennata* (Patagonian choique) which then of dried under conditions of natural environment, it is finely pulverized to prepare with it an infusion. This substance has been in use for about 2,000 years and is also mentioned in Chinese medicine. In the last century, between the 40s and 50s, a drug with action similar to pesina was used, with the name of ventriculin that came from the stomach mucosa of pigs. According to the laboratory that produced it, it is a secretion of the mucosa, possibly of the enzymatic nature, acts on the muscular layer of the human stomach. The popular medicine of this Patagonian region uses the pesina as a digestive mainly after the patient has eaten heavy or plentiful meals. According to the chemical determinations developed in this study, the pesina contains pepsin and possibly ventriculin, both substances that act by favoring digestion through a proteolytic action and also stimulated the secretion of pepsinogen and hydrochloric acid.

Biography

Katherine Uribe, a Student is currently studying the 5th year of the Agricultural Technician Career, at the Provincial Agricultural School No. 1 of Gobernador Gregores, Santa Cruz, Argentina. Since 2016, he has participated in several projects of the National Science Fair, in 2016 he developed a study on the toxicity of a vegetable in the area: *Astragalus pehuenches*. In the year 2017 in addition to continuing research on *Astragalus pehuenches* develops this work that is currently presented: Use of an internal membrane infusion of *Rhea pennata pennata mollery* as a digestive.

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