

THE SPANISH CANCER RESEARCH CENTER OF SALAMANCA (CIC) SHOWS THAT ONE OF THE ACTIVE PRINCIPLES ISOLATED FROM THE MEDICINAL PLANT *LEPIDIUM LATIFOLIUM* L. KILLS SOME TYPES OF CANCER CELLS.

The study of the CIC has been promoted and coordinated from the Research Center of our business group. Through its communication, the company does not intend to associate it with the efficacy of any of our products currently on the market, at the expense of the final result of this investigation.

PRESENTATION AND BRIEF STORY OF THE VIDEO BELOW

It consists of two small comparative videos of two *in vitro* tests carried out in the R&D Laboratory of Soria Natural S.A., using the microscope and other equipment.

One was performed with healthy living cells and the other was performed with living tumor cells. We had to use those found in the market. To do this, as is usual in *in vitro* tests, both types of cells were placed in glass plates within a favorable medium (Petri dishes), where they were subjected to the action of the product to be tested and their results were recorded for 24 hours as accelerated images show in the video.

In vitro tests are not decisive, but fortunately in many cases they meet the results they pursue. In order for the results observed in them to be reliable, other tests are necessary such as the so reviled *in vivo* tests (in animals) that Soria Natural stopped practicing many years ago and those made in humans that will check if the results *in vivo* and *in vitro* are the same, as those performed *in vitro* and with animals are not always equal to those carried out in humans. We believe that there are no better clinical trials than those performed by tradition, which demonstrate the action of plants over the centuries in millions of people, although we respect the current scientific system.

The CIC (Cancer Research Center) in Salamanca where near 250 graduates were working on cancer-related topics, logically went much farther than us with this video. But there is still a long way to go in order to reach the goal of offering the world a contribution to the solution of the dramatic cancer problem.

First, the CIC made a preparation of the medicinal plant *Lepidium latifolium* L. using the whole plant and then enriched it with some of the active principles found in it as well as other ingredients. The patent of the manufacturing process of this preparation belongs to Soria Natural, S.A. The CIC also studied and discovered the metabolic pathway of the human body which is activated by the main and most abundant active principle in the plant, called 1-cyano-2,3 epithiopropene, isolating it from others existing in *Lepidium*. Later, *in vitro* tests were carried out in 48 types of known tumor cell lines, observing in many of them favorable activity, notably in those of lung, prostate, colon and hematologic cancers. Finally, the tumor cell line of colon cancer was chosen for the *in vivo* assay.



To develop this work, the CIC used the isolated active principle and at the same time the same preparation as the one we use in the video that we present you; That is to say, the preparation already described.

This plant has been used by traditional natural medicine secularly. It was used by Greeks, Romans and Templars to treat prostate hyperplasia (“urine sickness” as they called it) as well as to dissolve kidney stones with total efficacy and no injury. Years ago, we started to carry out the corresponding clinical trials in humans in collaboration with prestigious Spanish hospitals, although these studies need to be repeated to amend the mistakes made in their first approach.

We have found, by making videos similar to this one, that this preparation acts much better *in vitro*, causing cell apoptosis at lower doses, lower toxicity and faster than other natural preparations that are intended to do the same thing and have been on the market for years.

The work of the CIC that we describe here was possible after a commission made to this institution which was financed with 21.6 million of the former pesetas (about 20 years ago), with a charge to the Social work of the regional bank *Caja Salamanca-Soria* by an agreement between the presidents of both entities, Mr. Sebastián Bataner and me.

The scientific journal “MOLECULAR CARCINOGENESIS” has recently published this study, which is also available online now, although more than ten years have passed since the CIC finished this study. During this time, we have been trying to publish this article in virtually all prestigious scientific journals dedicated to this field, but since this is a study on a very unknown topic involving a medicinal plant backed by an unfamiliar laboratory, we had almost given up until MOLECULAR CARCINOGENESIS fortunately accepted our article for publishing in their journal -for which we are extremely thankful.

Prior to the aforementioned attempt for publication, these trials lasted approximately twelve years. The first three years at the University of Santiago, Spain and around nine in the CIC. Such a delay was due to the complexity of the work itself, since the CIC had never investigated with a medicinal plant, or at least it is what they told us when we complained of its delay, since the completion of the project was expected for two years time at the moment of preparing the budget. They used to work with isolated and synthesized active principles. The fact of observing in their modern and scientific equipments that the *Lepidium*, like many other medicinal plants, contains hundreds of active principles, misled them and discouraged them, reason why we all agree that one of our technical experts (Ms.C in Biology and Biochemistry) accompanied them *in situ* and bring them our experience in medicinal plants. This collaboration lasted the last two years, favoring the end of the project, which resulted in the achievement of the tests carried out and the development of the product in question, which when containing the whole plant does not present the side effects that active principles normally have when they are used in their isolated form, even if they are natural (and even more if they are synthesized), as is the case of 1-CYANO-2,3 EPITHIOPROPANE. This preparation works the same as the isolated active ingredient although at slightly larger doses, which is why the CIC at the time of publishing the results, is limited to those achieved with the most active one, although it may have the side effects that the preparation doesn't have.



We don't know whether clinical trials in humans will be as satisfactory as those performed *in vivo* by the CIC. In addition, they may take another two or three years, but they can already start as trial results have been published by this institution. That is our will. We also hope to find another Social work that will help us to finance them, due to their high cost.

If such human clinical trials are satisfactory, the health record of the product as a medicinal product may be delayed for another five years.

All this and other scientific research carried out or promoted by Soria Natural and the countless successful products that in almost 40 years we have put in the market show that we work hand in hand with the true and authentic SCIENCE, which is based and supported by the secular wisdom of TRADITION.

First and foremost, those products that we develop and those that we commercialize for different reasons (because the market demand them to us and they are not harmful for health) must be useful for helping solve health problems, whose solution is always a diet consisting on a dish of organic raw vegetables and, in many other cases, on water (fasting). Diet, when is solid, should be supported by complements because of the poor quality of the existing food due to the inappropriate and abusive use of chemical products during their production, the depletion of soil because of overexploitation, their genetic manipulation, and the extemporaneous commercialization that is promoted by the fast communications and the long-term preservation. All of this has been caused by modern technology.

It is clear that Soria Natural doesn't offer to consumers a product that cures any type of cancer. What we are doing is conducting a deep research to be able to do it.

I hope this information would be useful for you and you believe me and trust in the good work of Soria Natural, which is formed by humans that may go wrong, but, while I am in charge of the company, we will never try to mislead you. Greetings to you all.



Antonio Esteban Villalobos.
President of Soria Natural, S.A.

