



Natural hope to combat Alzheimer's with a substance that boosts neuronal reparation

LOCATION: Cádiz

DURATION: 1'21"

SUMMARY: A study conducted by scientists from the Faculty of Medicine of the University of Cádiz is a long term ray of hope for the treatment of neurodegenerative diseases such as Alzheimer's or Parkinson's, strokes or head injuries. According to these researchers, a compound, extracted from a plant named Euphorbia Lactea, stimulates the spreading of stem cells and the creation of neurons in damaged areas of the brain.

VTR:

There is a compound that can be extracted from a plant and help to recover areas of the brain that have been damaged, for example, by diseases such as Alzheimer's or Parkinson's. It is in this plant, the Euphorbia Lactea. And they are the scientists from the University of Cádiz who have discovered it.

ROSARIO HERNÁNDEZ
Director of the research

"These plants have been used in traditional medicine."

CARMEN CASTRO
Director of the research

"We have observed that there are a series of compounds in its latex that activate a protein involved in the creation of neurons."

They are taking the first steps towards the palliation of neuronal death caused by strokes, head injuries or neurodegenerative diseases. The compound that they are studying activates certain proteins plentiful in the brain: type C kinase.

CARMEN CASTRO
Director of the research

"When activated, this protein favours the spreading of stem cells and the formation of neurons."

ROSARIO HERNÁNDEZ
Director of the research

"This is our main challenge: obtaining the products in an easier way, naturally or synthesizing them in the laboratory."

The challenge now is to speed up the extraction of this compound from the plant, concentrated in low amounts, and find a suitable administration system. A lot of work to do in the Faculty of Medicine of Cadiz. And a ray of hope waiting for them.

For more information or support please call +34 662 369 820 or email info@andalusianstories.com