



UNIVERSITY OF JAÉN

Vice-chancellorship of Communication and Institutional Relations

The Office of Communication *Press Release*

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An investigation realized by the University Of Jaén reveals that within the olive skin there are compounds with the potential to provide a natural defense against breast cancer

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José J. Gaforio, the investigator responsible for the study, noted that “we have studied the effects of four compounds present in the olive skin; erythrodiol, ovaol, maslinic acid and oleanolic acidon with human breast cancer cells and the results show that the compounds have the potential to provide a natural defense against breast cancer.”

Likewise, the University of Jaén professor stresses that for example, “erythrodiol has significant cytotoxic, antiproliferative and proapoptotic effects”. “All of these compounds are also present in virgin olive oil. These results complement those published previously by our group, in which it is shown that both the olive and olive oil, there are compounds with antitumor properties,” Said José J. Gaforio.

This data provides new scientific evidence to underpin epidemiological studies that describe that in those countries that habitually consume olive oil, the incidence and prevalence of certain cancers, including breast cancer, is lower than in other countries.

The work was realized in the area of Immunology of the University of Jaén and **Yosra Allouche, Fernando Warleta, María Campos, Cristina Sánchez Quesada, Marino**



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Uceda, Gabriel Beltrán and **José Juan Gaforio** himself participated in it. The summary of this work can be found on the above-mentioned magazine's website: <http://pubs.acs.org/doi/abs/10.1021/jf102319y>

For more information: José J. Gaforio, professor in the area of Immunology of the Department of Science and Health of the University of Jaen and responsible for the job (953212002 / jgaforio@ujaen.es).