

University of Liverpool

It's not where you are - It's where you want to be
www.liverpool.ohecampus.com

Health Care Management

International Master's Program
Study in Innsbruck / Austria
www.mci.edu

Granada Center Granada

Great offers for Granada Book online now.
www.Hotels.com

Hazte Forestal En Granada

Oposiciones Agente Forestal en Granada. Prepárate Ya. +Info
www.MasterD.es/OposicionesGranada

Ads by Google

Extra virgin olive oil ‘helps combat breast cancer’

Feb 5th, 2009 | By **Sindh Today** | Category: **Health**

Granada Hotels

Compare Granada hotels. Find the best deal and book now!
www.OneTime.com/cheap_hotels

Hoteles Baratos Granada

Hotel a precio de hostel y hostel a precio de andar por casa. ¡Reserva!
Hoteles-Granada.es.Ask.com

Vuelos a Granada, 28€

Ofertas Vuelos regulares y Low Cost ¡Ahorra tiempo y dinero con logi!
www.logitravel.com

Ads by Google

Washington, Feb 6 (ANI): Spanish researchers have found that extra virgin olive oil can help fight breast cancer.

Researchers of the Catalanian Institute of Oncology (ICO) and the University of Granada (Spain) have verified the bioactivity of the polyphenols present in extra virgin olive oil in breast cancer cell lines.

The work, carried out by Javier A. Menéndez, of the Catalanian Institute of Oncology (ICO), in collaboration with Professors Alberto Fernández Gutiérrez and Antonio Segura Carretero, of the University of Granada, has been published in the journal ‘BMC Cancer’.

The study has proved the anti-HER2 effect of fractions of phenolic compounds directly extracted of extra virgin olive oil in breast cancer cell lines. They have used solid-phase extraction methods of semi-preparative liquid chromatography to isolate

fractions of commercial oils and, later, separation techniques (capillary electrophoresis and liquid chromatography connected to mass spectrometry) to check the purity and composition of the fractions.

Such fractions were tested in their anti-cancer capacity both against positive HER2 and negative HER2 breast cancers, using in Vitro models and evaluating the effect of polyphenolic fractions in the expression and activation of HER2 oncoprotein through ELISA specific methods for HER2.

Fractions containing polyphenols such as hydroxitirosol, tirosol, elenolic acid, lignans, pinioresinol and acetopinioresinol, and secoiridoids, diacetox oleuropein aglycone, ligustrosid aglycone and oleuropein aglycone were able to induce important tumoricid effects in a range of micromolar and in a selective way against HER2 oncogene.

Therefore, the study confirms the potentiality of polyphenols to inhibit HER2 activity and to promote its degradation. (ANI)

Bookmark with:



Ads by Google

[Health Business](#)
[University](#)
[Masters](#)
[Health Management](#)

Ads by Google

University Summer School

Practise English, Creative Writing, Debating.
13-18Yrs. UK.
Book Now!
www.SummerSchoolSco

50 Hotels in Granada

Compare hotels and save up to 75%! Save time, book at
Booking.com
www.booking.com/Hotels

Sierra Nevada Ski Hotels

Save Time&Money Live on ONE SITE! Real Availability Lowest Prices
SpainHotelGuide.net/Sierra

Alhambra Granada

Book a tour to the Alhambra and Generalife from Granada on Viator.
www.viator.com/Alhambra

More from Health

Merle Haggard slams young country stars

Gandhian economics can help overcome crisis: Mukherjee (Lead)

Hugh Hefner’s twin girlfriends to go under the knife?

Smoking linked to premature aging

The woman who smashes watermelons to pieces using her giant boobs!

Cancer-stricken Jade Goody is a ‘battler’, says grandad

Ancient Egyptians thought ‘green magic’ would keep child mummies healthy in afterlife

Poor kids at increased risk of suffering from chronic infections

Vitamin D deficiency linked to multiple sclerosis susceptibility ‘gene’

Boffins create ‘living doll’ from human cancer cells

Extra virgin olive oil ‘helps combat breast cancer’

Fertility drugs ‘do not raise ovarian cancer risk’

Health »

Leave Comment