

These Cancer Cells will Self-Destruct in Five, Four, Three ...

A drug that spurs cancer cells to self-destruct while sparing healthy cells is on the road to human clinical trials. The compound, which was developed and tested by chemical and veterinary researchers at the University of Illinois, is known as PAC-1.

The co-principal investigators for the PAC-1 anti-cancer drug, University of Illinois professor of chemistry Paul Hergenrother, left, and Tim Fan, UI veterinary oncologist, with Fan's dog Hoover are shown in the photo. Hoover was among the dogs used in the trial to demonstrate safety, at the UI Veterinary Teaching Hospital in Urbana.



So far, the compound has proven safe and has shown promising cancer-fighting effects in cell culture, in mouse models and in pet dogs with spontaneously occurring lymphomas and osteosarcomas. If successful during clinical trials, the PAC-1 compound could make a huge impact on survival, quality of life and disease control in human patients with primary or metastatic brain tumors. For more information, contact Chris Beuoy at 217-244-1562 or beuoy@uiuc.edu.

Celebration of One Health Initiative and Veterinary Student Scholarships

Three promising veterinary students whose lives have been influenced by cancer were recently awarded \$5000 scholarships named in honor of Susan M. Roman, the late co-founder of the Ovarian Cancer Symptom Awareness Organization. The scholarship recipients are (left to right in the photograph):



- Sara Marie Smith – North Carolina State University's College of Veterinary Medicine
- Keith True – University of Illinois College of Veterinary Medicine
- Brittany Lancellotti – College of Veterinary Medicine, Western University of Health Sciences

A scholarship awards dinner and fundraising event was held on July 21, 2013 at the Signature Room at the 95th in Chicago to celebrate the scholarship recipients and the Veterinary Outreach Program (VOP), which is a partnership of the Ovarian Cancer

Symptom Awareness Organization (OCSA) and the Illinois State Veterinary Medical Association (ISVMA). The keynote address was given by Chicago veterinary icon, Sheldon Rubin, DVM. Dr. Rubin is a nationally recognized pet health expert and has appeared on television and radio shows including The Oprah Winfrey Show, Steve Dale's Pet World and more as he promotes responsible pet ownership. Steve Dale, certified dog/cat behavior consultant, syndicated newspaper columnist, and a national radio host will serve as the event emcee. Notable speakers will include Roger Mahr, DVM and Interim CEO of the One Health Commission and Craig Carter, DVM, MS, PhD and author of One man, One Medicine, One Health: The James H. Steele Story. Guests include AVMA leadership from across the country as well as Christophe Buhot, President of the Federation of Veterinarians of Europe (FVE).

The VOP offers a first-ever collaboration that is designed to open new channels of communication and raise awareness about the silent and often ignored symptoms of ovarian cancer. The program has strong engagement and support from the Illinois Department of Public Health, leaders in the community, the veterinary profession and veterinary industry.

Each year, over 20,000 women in the U.S. are diagnosed with ovarian cancer and approximately 14,000 women die from the disease. There is an urgent need to share the silent symptoms so early detection and treatment are achieved and lives are saved. According to the American Veterinary Medical Association, over 80 percent of veterinarians graduating today are female. This increases the possibility of a personal connection to the disease and a viable tie to the purpose of the VOP.

The VOP engages and collaborates with veterinarians whose medical discipline is charged with promoting and protecting public health, ensuring an environment free from animal borne diseases in addition to caring for the animals they serve. OCSA and ISVMA are incredibly grateful for the support the VOP has received from the veterinary community and strive to continue this great and powerful partnership.

3M WALK FOR THE GOOSE: Dedicated to Katelyn Klepitsch (Niece of Dr. Kurt Klepitsch)



OVARIAN CANCER SYMPTOM AWARENESS

Take your feet to the trail for 3 miles
at the most meaningful ovarian cancer event!

3M WALK FOR THE GOOSE
Dedicated to Katelyn Klepitsch

Friendly dogs are welcome to walk, but are not required

Saturday, September 14, 2013

The Windings Club House
42W346 Retreat Court
The Great Western Trail
St. Charles, IL

Registration: 8:30a.m.
Opening Ceremonies: 9:30a.m.
3 Mile Walk: 10:00a.m.
Ticket price: \$35, includes t-shirt & lunch

and Teal Leashes for the participating pooches!
Students \$25 Children \$20; Scouts \$10

Register Today!

www.ovariancancersymptomawareness.org

Members That Have Not Paid Their Dues Now Suspended Until Payment

ISVMA members can pay their dues online with a VISA or MasterCard. This added convenience is available through the [ISVMA Member Center](#).

1. When you click on the link, you will be asked to login to go to your account. If you have forgotten your username and/or password, click on the reminder link and the information will immediately be delivered to your email address.
2. Once you have logged in, you will see a link called "Member Renewal" in the floating orange box on the right hand side of your screen. Click on that link to pay your dues.

When you pay your dues, please notice that you can make an additional contribution to the Veterinary Medicine Political Action Committee (VMPAC). This PAC supports the lobbying activities of the ISVMA and, with the significant turnover in the legislature, we will need more PAC funds to help our members get to know their legislators better by attending fundraisers paid for by the PAC.

Join Dr. Cindy Charlier & Dr. Kurt Klepitsch for the First -



GOLF OUTING BENEFITING OCSA and its VETERINARY OUTREACH PROGRAM*

Monday, September 30, 2013
Boulder Ridge Country Club
350 Boulder Drive
Lake in the Hills, IL

Registration: 10:00am
Lunch: 11:00am

Shotgun Start, 4 Person Scramble: 12 noon
Dinner, Live & Silent Auction: 5:00pm

\$250 Registration includes
18 Holes of golf, lunch, dinner, beverages

Early Bird Registration:
July 8th - August 15th Golf Package \$225

Register Today!

www.ovariancancersymptomawareness.org

**Veterinary Outreach Program (VOP) Each year, over 20,000 women in the U.S. are diagnosed with ovarian cancer and approximately 14,000 women die from the disease. There is an urgent need to share the silent symptoms so early detection and treatment are achieved, and lives are saved. When ovarian cancer is diagnosed and treated in its earliest stages, the survival rate is over 90%. According to the American Veterinary Medical Association, over 80 percent of veterinarians graduating today are female. This increases the possibility of a personal connection to the disease and a viable tie to the purpose of the VOP.*

Do You Have an Associate and/or CVT That Is Not an ISVMA Member?

ISVMA membership continues to grow and we set new membership records every year. We want all veterinarians and CVTs to join 3000 of their colleagues and become an ISVMA member today! Please encourage your colleagues to take a moment and fill out the [online membership application](#) and pay your dues with your VISA or MasterCard.

Do you know about ISVMA's tremendous success lobbying state government on your behalf? Have you seen the new Epitome magazine that is mailed to every DVM and CVT member? Have you participated in ISVMA's high quality, affordable and accessible CE programs? Has your practice saved money through one of our sponsored benefit programs?

Your support and participation are greatly appreciated. If you know a colleague or associate that is not a member of ISVMA, please encourage them to join also! Some of the benefits of membership are listed on the [ISVMA website](#).

If the Dogs Can Sniff Out Cancer, Wonder Scientists, Then Can Human Technology Do it Too?

They believe it can...

PHILADELPHIA — Researchers trying to develop a diagnostic tool for ovarian cancer are hoping dogs' keen sense of smell will lead them down the right path.

An early detection device that combines old-fashioned olfactory skills, chemical analysis and modern technology could lead to better survival rates for the disease, which is particularly deadly because it's often not caught until an advanced stage.

Using blood and tissue samples donated by patients, the University of Pennsylvania's Working Dog Center has started training three canines to sniff out the signature compound that indicates the presence of ovarian cancer.



If the animals can isolate the chemical marker, scientists at the nearby Monell Chemical Senses Center will work to create an electronic sensor to identify the same odorant.

"Because if the dogs can do it, then the question is, Can our analytical instrumentation do it? We think we can," Monell organic chemist George Preti said. ([Read more...](#))

Contact Us

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