



February 5, 2008

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Use this link to submit your ideas, information, or comments for future issues of the Vet Gazette eNewsletter

Calendar

•Tuesday, February 5

- VDL meeting, M113 11:00-12:00
- Dr. Liana Dallman interviewing senior students, M288 11:00-1:00
- CVM Research Seminar: "Clostridium perfringens Spore Germination: Characterization of Germinants and their Receptors", Sarker Lab- D. Paredes-Sabja), M102 12:00-1:00
- Pастey Lab (M. Maselko): "A Rho-a Derived Inhibitor of HIV-1"
- Therio meeting, M298 12:00-1:00

•Wednesday, February 6

- AAFP business meeting, M298 12:00-1:00
- CVF Soup Sale, Magruder Lobby 12:00-1:00
- Class of 2011 Jewelry and pet toys sale, Magruder Lobby 12:00-1:00
- AAEP rounds, LA records room 12:15

•Thursday, February 7

- Senior Paper Presentations: "Osseous Sequestration in South American Camelids", Rachel Jacobs; "Expression of RANKL in Canine Osteosarcoma and its Prognostic Significance: 36 Dogs (2000-2004)", Melissa Arbaugh, M102 8:00-9:00
- CVF, M298 12:00-1:00

- SCAVMA Hill's pet food sale, SCAVMA store 12:00-12:45

- PRIPS with Pastey and Schuster labs, D213 12:00-1:00

- Small Animal Internal Medicine presentation, M102 12:00-1:00

•Friday, February 8

- No special events planned at this time

•Monday, February 11

- SCAVMA Hill's pet food sale, SCAVMA store 5:15-6:00

- Horse Owner Education Series: "Horse Owner's Guide to Lameness", Dr. Stacy Semevolos, M102 7:30-8:30PM

•Tuesday, February 12

- Admissions Interviews, M200 8:00-12:00 and 1:00-5:30

- Pre-Vet Club meeting, M102 7:00-8:00PM

•Wednesday, February 13

- Admissions Interviews, M200 8:00-12:00 and 1:00-5:30

- Zoo, Wildlife and Exotics Club Soup Sale, Magruder Lobby 12:00-1:00

- AAEP rounds, LA records room 12:15

•Thursday, February 14

- Admissions Interviews, M200 8:00-12:00 and 1:00-5:00

- Senior Paper Presentations: "Heartworm Disease in Low Prevalence Areas", Roberta Porter; "Heart Based Tumors", Shannon McMichael, M102 8:00-9:00

- CVF, M298 12:00-1:00

- SCAVMA Hill's pet food sale, SCAVMA store 12:00-12:45

•Friday, February 15

- No special events planned at this time

Carol Colton coordinating OSU Food Drive for College of Veterinary Medicine

I am happy to take on the job of coordinating the CVM's participation in the 2008 OSU Food Drive. My goals are to make it easy and even fun for everybody to make a contribution as they are able. Some of the thoughts I have include but are not limited to past concepts such as drop boxes for food donations, drawings for gift baskets and fundraising sales. What I am hoping for is a handful of people to help brainstorm and implement the ideas **hint hint**. If you have an idea or can spare some time please contact me this week (coltonc@oregonstate.edu; 7-6858). I would really like to hear from class representatives as well as staff and faculty so that everybody is involved in this effort. Your time commitment doesn't have to be large so don't let that deter you from giving me a shout. I will try not to pester people excessively. -Carol



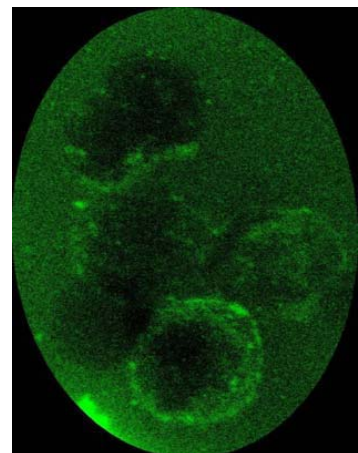
Nanotechnology breakthrough targets cancerous tumors

Peptides attach to cancer cells, deliver a diagnostic image

Dr. John Mata, working with a team of other scientists at Oregon State University, has developed a way to use nanotechnology to detect and define cancer tumors. Nanotechnology uses tiny molecules that are designed for a specific task. These researchers have created amino acid compounds that attach to tumors by taking advantage of the low pH of the tumors. "The nanotechnology is a small synthetic protein that is sensitive to the acidity in the environment. The body controls pH very tightly; however, cancers are often rapidly growing cells that use a lot of glucose. This causes them to create an acidic environment in the tumor," says John Mata, PhD, lead author of the study. "The nanotechnology responds to the acidic environment by becoming less soluble in the blood and attaching itself to the cells within the tumor."

This protein was developed by James Summerton, former OSU biochemist and founder of Gene Tools, LLC of Philomath, Ore. The peptide design marked the key breakthrough of the research.

"The process is still experimental and may take years to get into clinical trials," Mata says. "This work is just the first step in a process that could create a whole platform of therapeutics that are based on pH-sensitive peptides." [Full article.](#)



Sarah Yenchik leaving

I started in September of 2004, and worked in the lobby reception until April 2005. I then moved to the small animal clinic reception and was the first receptionist there. I had my first baby in July 2006 and wanted to work part-time afterward and the dean's office graciously allowed me to come back as the lobby receptionist in October 2006. I have enjoyed getting to know the students throughout the past few years and developing close friendships and relationships with the faculty and staff. Now I'm looking forward to having my second baby in April and staying home and raising my children. My last day at the College of Veterinary Medicine will be February 15.



Oregon Applicant Interviews

You may notice a number of anxious looking people in the lobby of Magruder next week. Interviews of Oregon applicants will be held all day February 12, 13 and 14 in the Dean's Conference Room. Members of the Admissions Committee, along with representatives from the OVMA, will be conducting the interviews. The candidates are coming to Corvallis from all over Oregon with a few traveling from other states. Student ambassadors will serve as greeters and tour guides for these CVM hopefuls.

The Diversity Action Planning Committee is off and running!

We have set a date for our first workshop - Diversity 101. Save the date, March 4 at 3pm in Magruder 102. Terry Ross, Director of Community and Diversity, will lead the workshop. All are welcome and encouraged to participate – staff, faculty and students.

In mid-March we will be sending out a survey to see what YOU think about the climate of your unit, department and college! Is it welcoming, and are you able to learn and grow? Are your needs and concerns addressed? Do you have work satisfaction? Do you like how information is disseminated? Are we able to communicate? How long does it take you to find the information you need? Students, what are your needs? Are your classroom environments welcoming?

Our purpose is to assess our climate – attitudes, opinions, beliefs and practices and develop a Diversity Action Plan for our college which addresses some of our challenges.

- Lisa Poland (elected chair)