Canine Cell Lines: Melanoma, Hemangiosarcoma and Osteosarcoma

Technology #20110168

**Canine Melanoma Cell Lines and Tissue Samples**
Collection of three canine melanoma cell lines for research purposes. Melanoma is the most dangerous type of skin cancer, and is the leading cause of death from skin disease. Melanoma is not the most common form of skin cancer, but rates are steadily increasing.
PubMed ID# 9539362

**Canine Hemangiosarcoma Cell Lines and Tissue Samples**
Collection of over 17 canine hemangioma cell lines for research purposes. Hemangiosarcoma is a rapidly growing and very invasive form of cancer found in the lining of blood vessels. The most dangerous effect of this type of sarcoma is the rupturing of a vessel, causing the patient to bleed to death.

**Canine Osteosarcoma Cell Lines and Tissue Samples**
Collection of over 15 canine osteosarcoma cell lines for research purposes. Osteosarcoma is a malignant bone tumor that usually develops during the phase of rapid growth that occurs during adolescence. The cause of osteosarcoma is not yet known, but there is evidence showing that it may be genetically based.
PubMed ID# 21621658

**Cancer Research Tool**
These cell lines can be used in many areas of cancer study, below are some of the areas:

- therapeutic development for cancer

Learn about more groundbreaking discoveries at [www.research.umn.edu/techcomm](http://www.research.umn.edu/techcomm)
- cancer mechanism studies
- tumor ontology
- cancer surrogates for the human condition

Dr. Modiano’s cell lines are available for research. Visit Kerafast for a complete list.

Inventors

Jaime Modiano, VMD, PhD

Perlman Professor of Oncology and Comparative Medicine, Department of Veterinary Clinical Sciences

IP: UM Docket 20110168

For additional information, contact

BJ Haun
Technology Licensing Officer
exprlic@umn.edu

Learn about more groundbreaking discoveries at www.research.umn.edu/techcomm