



Establishing a canine cancer registry to improve disease prevention and care

- The cancer therapeutics market for animals is expanding by 10% each year with annual global sales exceeding \$350 million.

CASE STUDY

● Innovation overview

The cancer therapeutics market for animals is undergoing rapid expansion with annual spending now exceeding \$350 million. This growth is driven by consumer demand, increased animal lifespans and expansion of pedigree breeding. Cancer registries help identify factors that influence the health and wellbeing of companion and working animals by enabling the identification of common risk factors and clinical diagnostic tests.

This cancer registry, the first of its kind in Scotland, is a collaboration involving the Scottish Rural College, the University of the Highlands and Islands, Scottish Veterinary Referrals and VPG Histology. The project will collect veterinary data and samples including DNA, tissue and bodily fluids, to help identify trends in canine cancer incidence, geographic distribution and survival. Veterinary practices across Scotland will be encouraged to participate and share data of animals under their care.

● Objectives

- Establish feasibility for collection and submission of data to a canine cancer registry.
- Coordinate the practicalities of large electronic dataset handling and data security.
- Provide guidance regarding the collection, storage and analysis of veterinary samples and data.

● Potential impacts and outcomes

Establishing this cancer registry will provide an important evidence base that could be used to improve care and to drive cancer prevention. Animal cancer registries have also been used to inform and influence human health and wellbeing, by helping to identify common risk factors and shared early warning signs.

● City-Region Deal deliverables

Supported company for product innovation:
Scottish Vet Referrals, VPG Histology
New product/service: Canine cancer registry for improving disease prevention and care.

● External partner:

● **Scottish Rural College, Scottish Vet Referrals, VPG Histology**



● University Lead:

● **Dr Antonia Pritchard,**
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