



ACARCinom

IMPROVING PET CARE THROUGH CANCER DATA

Australia's first
national registry of
cat and dog cancers,
backed by real-time data.



acarcinom.org.au

What is ACARCinom?

The Australian Companion Animal Registry of Cancers (ACARCinom) is Australia's first national registry of cat and dog cancers, backed by real-time data.

ACARCinom aims to make a positive impact on cancer research for our pets. Having reliable data is crucial for understanding the patterns of cancer and for evaluating treatments in both animals and humans.



"Having cancer data is having the right information to make decisions, plan, prevent and control cancer and ultimately save the life of our 4-legged friends. Whether you are a dog or cat owner, a researcher, a veterinarian, a scientist... ACARCinom is for everyone!"

Professor Chiara Palmieri

School of Veterinary Science, The University of Queensland

Why do we need ACARCinom?

Cancer data is needed to:

- provide clinical and epidemiological evidence
- guide best practices in animal cancer care
- evaluate the treatment programs
- help drive research and reduce cancer burdens.

With the ACARCinom Dashboard, we can:

- uncover valuable insights about cancer risks and trends
- identify factors that predispose animals to cancer
- develop better practices for animal cancer care.

The project also seeks to connect with existing human cancer registries, allowing for comparative studies that benefit both fields.

ACARCinom has the potential to reveal connections between certain cancers in animals and environmental factors that may also impact humans.

By analysing the ACARCinom data asset, we can:

- pinpoint shared cancer hotspots
- uncover crucial information that guides preventive measures
- facilitate population-level screening and onco-epidemiological analysis.

DID YOU KNOW?

Cancer is a major cause of death in animals and humans.



Who are the partners in this project?

ACARCinom is led by veterinary pathologist Professor Chiara Palmieri and veterinary epidemiologist Professor Ricardo Soares Magalhaes.

Five university veterinary schools and Australia's 2 leading veterinary pathology providers are partnering in the ACARCinom project:

- The University of Queensland
- Queensland University of Technology
- University of Sydney
- Gribbles Veterinary Pathology
- IDEXX
- University of Adelaide
- Murdoch University

By uniting the expertise and resources of these institutions, ACARCinom is poised to make significant advancements in understanding and combating cancer in dogs and cats. This project represents a remarkable collaboration that harnesses the power of data to unlock new insights and drive progress in the field of veterinary oncology.

The ACARCinom project received investment from the Australian Research Data Commons (ARDC) (**DOI – doi.org/10.47486/DP713**). The ARDC is funded by the National Collaborative Research Infrastructure Strategy (NCRIS).

Contact us

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ACARCinom dashboard

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