

NORTHERN PORTUGUESE DOG LYMPHOMA



One Health approach in animal cancer

IMMUNOPHENOTYPIC STUDY



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• Canine lymphoma is a common type of neoplasia that results from the uncontrolled proliferation of cells of the lymphoid system

Although some breeds may be more susceptible, the disease has the potential to affect dogs of any breed and age

• This neoplasia is classified into B and T subtypes based on histomorphology and immunophenotyping

The aim of this study was to identify, by immunophenotypic analysis, the subtypes of lymphoid cells involved in the pathophysiology of canine lymphoma that influence the treatment, prognosis, and natural history of this disease



• This study contradicts previous findings indicating dogs are more susceptible to developing B cell lymphomas

• Despite the unknown aetiology of canine lymphoma, these differences might be due to environmental and genetic factors

• The results need to be confirmed by more extended epidemiological studies, including the use of molecular diagnostic methods

CONCLUSIONS

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