The following format should be used:
• The body of the abstract should be 250 words or less (not including title, author names, and affiliations).
• Format as follows:
  - TITLE ALL CAPS AND BOLDED
  - Author names bolded (we are using only initials and last names)
  - Affiliations to include department/school, institution, city, country, no postal codes
  - If authors are from more than one institution, use symbols (*, †, ‡) after each name and place the appropriate symbol before each institution.
• Use subsections (Introduction, Material and Methods, Results, Conclusions), they should be bolded and followed by a colon. Preferably all in one paragraph.
• Use British spelling and spell check
• No tables and figures/ No bibliography/references.

EXAMPLE:

GENETIC MARKERS FOR THE DETECTION OF CIRCULATING TUMOUR CELLS IN DOGS WITH METASTATIC MAMMARY TUMOURS

A. Barreira da Costa*, B. Kohn†, J. Oliveira‡, F. Gärtner‡, A. D. Gruber* and R. Klopfleisch*

* Institute of Veterinary Pathology and † Small Animal Clinic, Faculty of Veterinary Medicine, Freie Universität Berlin, Germany and ‡ Institute of Molecular Pathology and Immunology, University of Porto, Portugal

Introduction: The diagnosis of canine mammary tumours is currently based on histological examination, but discrepancies between the diagnosis and prediction of distant metastasis exist. Detection of circulating tumour cells (CTC) has a proven predictive value for human breast cancer. The aim of this study was to indentify genetic markers for the detection of CTCs in the peripheral blood of female dogs with metastatic mammary carcinomas.

Materials and Methods: A total of 108 canine gene products were tested as potential markers of CTC using RT-PCR. Peripheral blood from healthy female dogs (n = 10), metastatic mammary carcinomas (n = 10) and two canine mammary carcinoma cell lines were tested for expression of these genes. Sensitivity of the marker gene assays was determined using serial dilutions of tumour cells made in peripheral blood from healthy dogs.

Results: Five candidate marker genes were identified that were present in metastatic carcinomas but not in blood from healthy dogs. Furthermore, RT-PCR assays were sensitive enough to detect up to one tumour cell in 107 peripheral blood leucocytes.

Conclusions: Several potential genetic markers for detection of CTC in dogs were identified. These will now be applied to blood samples from dogs with or without mammary tumours to correlate their presence with prognostic factors in the primary tumours and the course of the disease following long term clinical follow-up.

IMPORTANT NOTE
The Journal reserves the right to reject abstracts that do not conform to our ethical criteria or which are not presented in the correct format with an adequate standard of English usage.