

# BIOMARKERS OF STRESS IN HEALTHY AND DISEASED DROMEDARY CAMELS: A MINI REVIEW

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## ABSTRACT

This review was designed to describe the commonly used stress and inflammatory biomarkers in healthy and diseased dromedary camel medicine through providing insights by ongoing research on these biomarkers. The review especially focuses on the stress and inflammatory biomarkers in some of the very important disorders affecting camels such as paratuberculosis, trypanosomiasis, mange, pneumonia, urinary tract infection, liver abscessation and stress during camel transport. It is believed that these biomarkers will be increasingly used in the future in the diagnosis and prognosis of different disorders of camels.

**Key words:** Camels, glutathione, malondialdehyde, stress biomarkers, superoxide dismutase