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Introduction

The neoplastic cell is an uncontrolled physiological cell. HIF is a factor involved in its maintenance and progression.

Objectives

- ✓ Identify the characteristics of neoplastic cells and their microenvironment.
- ✓ Knowing the importance of HIF in the neoplastic cell.
- ✓ Assessing the use of HIF inhibitors as a possible antineoplastic treatment in veterinary medicine.

Conclusions

- ✓ Neoplastic cells suffer a critical change to their environment, metabolism and to another HRE genes for their survival.
- ✓ HIF is a critical factor to maintain neoplastic progression and metastasis.
- ✓ HIF inhibition is a possible antineoplastic treatment in veterinary medicine.

