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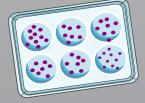
Pulsed low-dose rate radiotherapy has an improved therapeutic effect on abdominal and pelvic malignancies

Key words: PLDR; HRS/IRR; abdominal and pelvic cancers; T1/2

Recien Summery

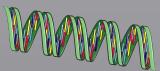
This study mainly focused on exploring the best personalized pulsed low dose rate radiotherapy (PLDR) models of abdominal and pelvic malignancies in order to achieve individualized radiotherapy, and summarized the key roles we played in the following aspects:

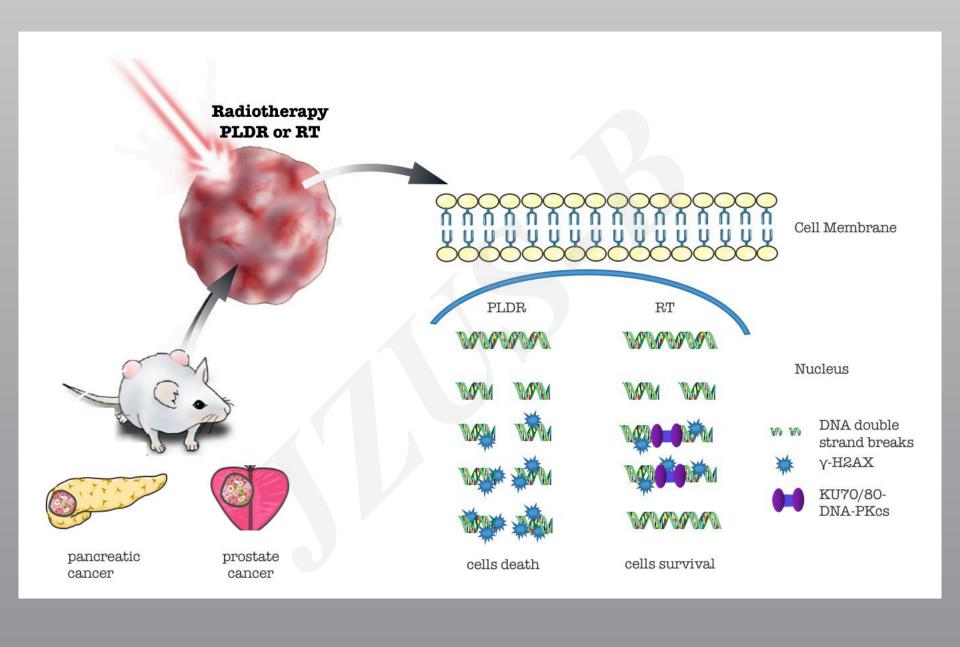






- Compariation of PLDR and RT models on tumor growth in *vivo*;
- Mechanisms of differential antitumor efficacy between PLDR and RT.





• For the first time, we innovatively studied the optimal PLDR model for different types of tumors

• The radiation resistance of tumor and radiation damage of normal tissue in reradiotherapy can be solved simultaneously