

Irradiation of *in vivo* and *in vitro* biological systems

Therapeutic radiation:

- evaluate the effects of radiation on tumor cell proliferation
- local treatment of tumors in small animals by irradiation

Myeloablation:

- radiation of immunocompromised mice for further immunosuppression, supporting engraftment of human tumors, stroma, and stem cells

Combination therapy:

- radiation therapy combined with chemotherapy, targeted therapies and immunotherapy

The Faxitron® MultiRad 160 X-Ray System:

- simulate irradiation schedules during the drug discovery process
- irradiate animals or cells at clinically relevant dose rates (up to 300 Gy/min) in an uniform or local field
- for more information please contact our expert:

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 find out further 400 well characterized PDX models: www.epo-berlin.com

(screen online for molecular and pharmacological characteristics)