Newsletter 2016
EPO introduces new technology: Faxitron X-Ray Irradiation

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:
  Dr. Reiner Zeisig  reiner.zeisig@epo-berlin.com

find out further 400 well characterized PDX models: [www.epo-berlin.com](http://www.epo-berlin.com)
(screen online for molecular and pharmacological characteristics)