Shouldn’t the next generation IGRT research systems be SmARTer?

Precisely.

Introducing X-RAD SmART – the most advanced and flexible small animal IGRT research system.

**Image SmART**
Fluorescence, CT and bioluminescent imaging with flexible image fusion combine for the most advanced multi-modality imaging – guided therapy.

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Rapid, state-of-the-art Monte Carlo treatment planning software for computing complex 3D doses.

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Preclinical 360° radiation delivery as advanced as the clinic, adaptable for any radiation research study from mice to rabbits.

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On the cover:
Allen et al., “Remediation of Radiation-Induced Cognitive Dysfunction through Oral Administration of the Neuroprotective Compound NSI-189”
The Russian Radiobiological Human Tissue Repository (RHTR)

Why is it unique?
- Cohort of nuclear industry workers exposed to external and/or combined external-internal ionizing radiation
- High quality surgical and autopsy tissues and blood samples collected and stored
- Dosimetry and clinical follow-up data on health endpoints including cancer and cardiovascular diseases
- Biomaterials are free; requestor pays shipping and customs costs

What is available?
- Female-radiated Paraffin-embedded Tissue Blocks
- Frozen Tissue
- Serum, Plasma & other Blood Components
- Buffy Coat
- Extracted DNA from Whole Blood
- Sputum
- Buccal (Oral Epithelial) Cells
- Formalin Fixed Organs and Bones from Autopsy

How to request materials:
Visit our website:
www.rhtr.subi.su
View the inventory in real time and complete an online request.

or
Contact the RHTR Director:
Dr. Evgeniya Kireeva
Email: kireeva@sub.su

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