

**Robert Ivkov, Ph.D.**

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**Biography:**

Dr. Ivkov's research focuses on development and characterization of magnetic nanoparticles and magnetic field devices for cancer therapy. Upon his arrival to the Department of Radiation Oncology and Molecular Radiation Sciences at The Johns Hopkins University School of Medicine in early 2008, Dr. Ivkov began a broad research program with the aim to develop clinical applications of heat-based therapies for cancer. Significant components of this research are development and characterization of nanoparticle formulations and magnetic coil devices that produce therapeutic heat in animal models of human cancer, particularly when combined with other therapeutic agents. The nature of this research is multi-disciplinary and translational, and thus requires a diverse team comprising multiple skills.