

## Research Interests

---

### ***Xiaolu Yang Ph.D.***

The Yang's laboratory has a standing interest in understanding the mechanism of tumor suppression in cancer cells. They have focused on the apoptotic activities and its regulatory proteins including p53. They also investigate the mechanism of the promyelocytic leukemia protein nuclear bodies (PMLs) and their role in tumor suppression. These bodies are also critical in cellular strategies for defense against viral infection. How do oncogenic viruses dysregulate these activities to gain access to the cells. He investigates the role of the KSHV encoded antigens LANA and K8 in disruption of PML bodies and how these viral antigens can control cell proliferation through bypass of these defenses.

*Interactions with other trainers:* Dr. Yang plays a critical role in our training program as a senior faculty member. He is actively engaged in mentoring our trainees and collaborates with Drs. Yuan and Greenberg as well as Drs. Robertson, Wellen and Witze.