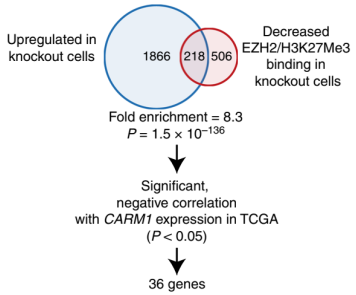
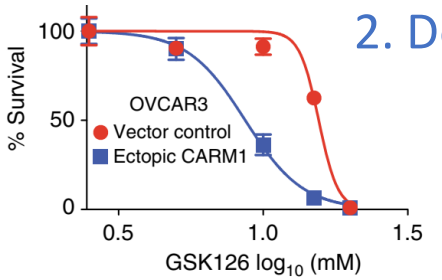
# Developing novel epigenetic therapies for ovarian cancer



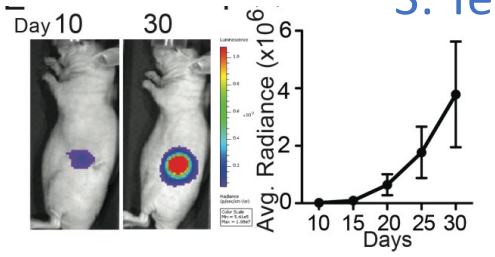

## 1. Identify potential epigenetic targets for ovarian cancer therapy

- Bioinformatics
- TCGA analysis
- Genome wide approaches




## 2. Develop novel therapeutic approaches for identified epigenetic targets

- Epigenetic drug library screens
- Gain or loss of function assays
- Viability assays




## 3. Test developed therapeutic approaches in preclinical animal models

- Orthotopic ovarian cancer *in vivo* models
- Patient derived xenografts (PDX)
- *In vivo* imaging (IVIS)

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Selected publications:
Cancer cell (2020),
Cancer immunology Research (2022)

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