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#### **Selected publications:**

Bukkuri A, **Pienta KJ**, Austin RH, Hammarlund EU, Amend SR, Brown JS. A life history model of the ecological and evolutionary dynamics of polyan euploid cancer cells. *Sci Rep.* 2022 Aug 12;12(1):13713. doi: 10.1038/s41598-022-18137-4.

Loftus LV, Amend SR, **Pienta KJ**. Interplay between Cell Death and Cell Proliferation Reveals New Strategies for Cancer Therapy. *Int J Mol Sci.* 2022 Apr 25;23(9):4723. doi: 10.3390/ijms23094723.

**Pienta KJ**, Hammarlund EU, Brown JS, Amend SR, Axelrod RM. Cancer recurrence and lethality are enabled by enhanced survival and reversible cell cycle arrest of polyan euploid cells. *Proc Natl Acad Sci U S A.* 2021 Feb 16;118(7):e2020838118. doi: 10.1073/pnas.2020838118.

**Pienta KJ**, Hammarlund EU, Austin RH, Axelrod R, Brown JS, Amend SR. Cancer cells employ an evolutionarily conserved polyploidization program to resist therapy. *Semin Cancer Biol.* 2022 Jun; 81:145-159. doi: 10.1016/j.semcancer.2020.11.016.

Truskowski K, Amend SR, **Pienta KJ**. Dormant cancer cells: programmed quiescence, senescence, or both? *Cancer Metastasis Rev.* 2023 Jan 4. doi: 10.1007/s10555-022-10073-z.