

- Cell aging and multiplatinum resistance are two encompassed phenomena that give rise to metabolic adaptations
  that can be independently ascribed to one or the other.
  - Metastatic solid tumors with originally opposed metabolic profiles can lead to different metabolic adaptations as they acquire platinum resistance.
- CRPC, mainly glycolytic, does not undergo a substantial metabolic reprogramming as platinum resistance is acquired. On the contrary, largely oxidative CRC undergoes a shift to a more glycolytic metabolic profile.
- Our results point out that a predominantly glycolytic metabolism aids the acquisition of platinum resistance. However, in cancer types in which the parental phenotype is already essentially glycolytic (e.g. CRPC), platinum resistance is acquired to a similar extent with fewer metabolic alterations.

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## Conclusions