



2020 IMPACT CIRCLE

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Battle with 0.05% -- reset the biological clock of female reproductive aging

A long-standing mystery of ovarian aging is that a woman is only able to use 0.05% - that's 500 out of 1 million of her egg cells - to support ovarian function throughout her reproductive lifespan. Over 99% of egg cells are dormant, never grow and die rapidly after women reach their mid-30s, which leads directly to the loss of ovarian function.

We hypothesize that we can modify dormant egg cells to delay ovarian aging.