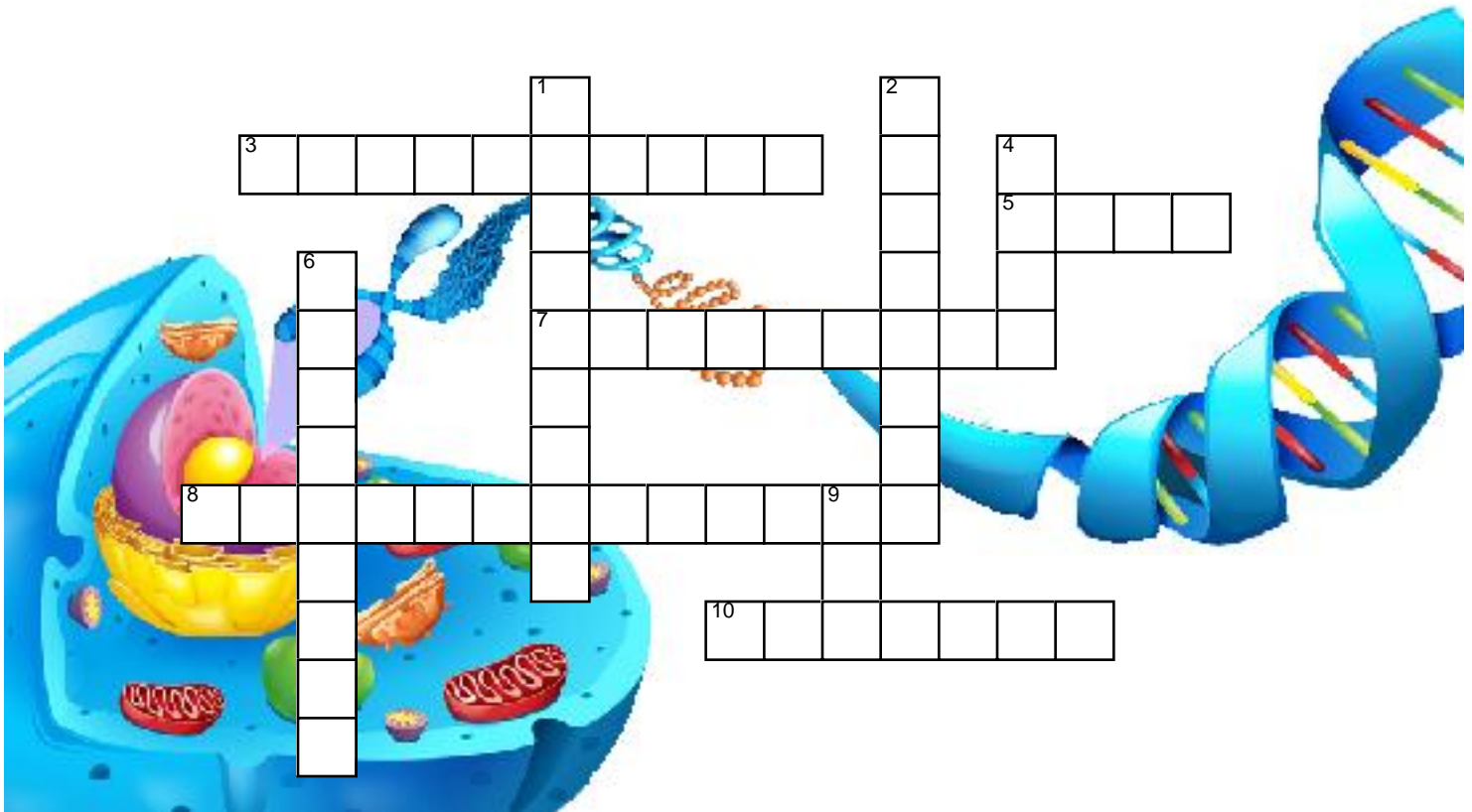


# Der egul ated nutr ient sensing



## Across

3. Propriety of the cell minimized by IIS.
5. Secondary mediator of growth hormone.
7. Species in which dietary restriction increases lifespan.
8. Axis that comprises growth hormone and IGF-1 in mammals.
10. It informs cells of the presence of glucose.

## Down

1. It is linked to genetic polymorphisms or mutations that reduce the functions of GH, IGF-1 and Insuline.
2. Signaling that accelerates aging and decreased nutrient signaling.
4. It is incompatible with low levels of IIS signaling.
6. A limited nutrient availability that can extend longevity in mice.
9. The most conserved aging-controlling factor in evolution.