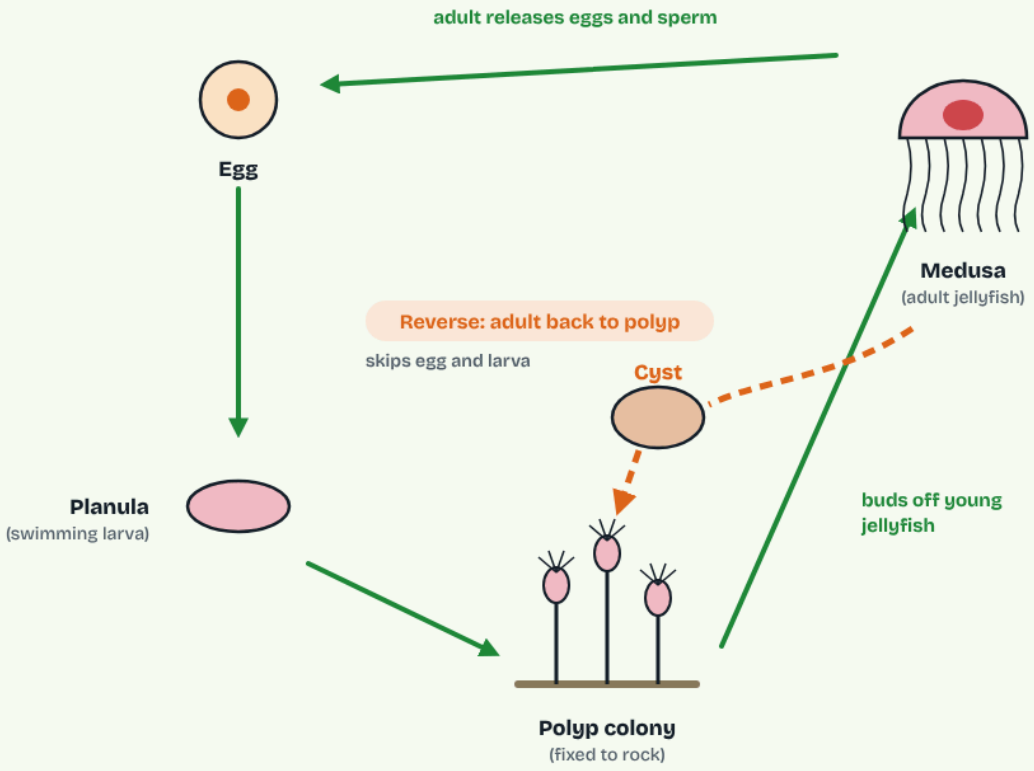
That is why

How does the immortal jellyfish turn back time?

When stressed or injured, the adult can turn back into a young polyp and start its life again.

A Two ways round the life cycle



B How the reset works

1 Triggered by trouble

Stress or injury can start the reversal. In the lab, even a light pinch was enough.

2 Cells change jobs

Adult cells switch into new kinds of cell, a process called transdifferentiation.

3 Not truly immortal

In the wild, most are eaten long before they can reset. The trick only helps the ones that survive.

Turritopsis dohrnii: reversal first reported in 1992.

It cannot avoid death, but it can restart the clock.

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