

sci.chem: Re: If starfish can regenerate why aren't they immortal and also

# Re: If starfish can regenerate why aren't they immortal and also

**Source:** <http://sci.tech-archive.net/Archive/sci.chem/2005-01/0366.html>

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**From:** MMu (*brilhasti\_at\_gmx.net*)

**Date:** 01/10/05

Date: Mon, 10 Jan 2005 15:58:24 +0100

the reason why they do not live forever lies probably in the telomers. telomers are the ends of chromosomes- every time the dna gets copied those telomers get shorter. if they are smaller than 4 basepairs the cell usually dies.

an enzyme called "telomerase" can repair the shortened dna, although not in all body cells and not perfectly back to the original.. thus, over time, some of the telomers get shorter and shorter until the cells die (which causes disfunction of the organs those cells belong to.. and most probably death).

"berserker" <jegga18@hotmail-dot-com.no-spam.invalid> schrieb im Newsbeitrag news:41e23d24\$1\_1@Usenet.com...

> *if they can regenerate why can't our scientists harness this*  
> *regenerative science and use it in todays modern medicine?*

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> *Posted at:*

> *www.GroupSrv.com*

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