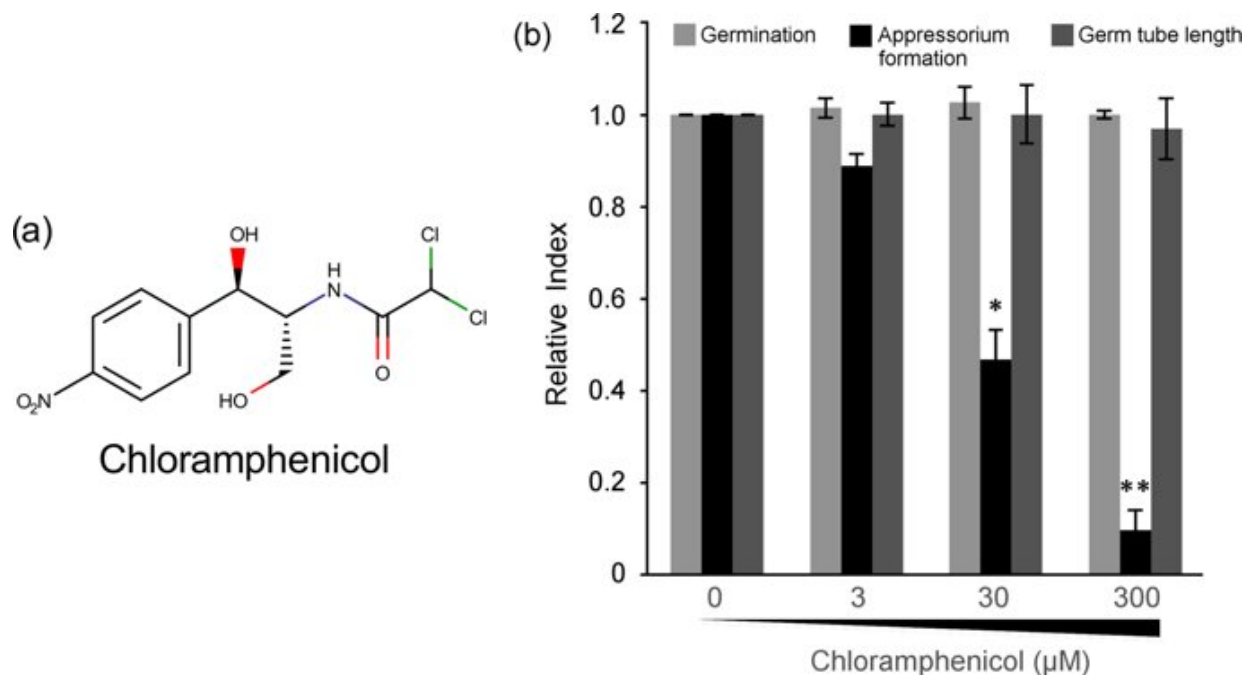


How the antibiotic chloramphenicol causes damage to eukaryotes

June 26 2019



Inhibitory ability of chloramphenicol on *Magnaporthe oryzae*. (a) Structure of chloramphenicol (Cm). (b) Inhibitory effect of Cm on conidial germination, germ-tube elongation, and appressorium formation. Conidial suspensions of the wild-type *M. oryzae* P2 strain were inoculated on plastic cover slips in the presence of various concentrations of Cm diluted by 1% ethanol. The percentages of conidial germination and appressorium formation, and the length of non-appressorium-forming germ tubes were assessed on hydrophobic plastic cover slips at 6 h post inoculation. Each score was standardised against that of 0 μM Cm (control). *p

Citation: How the antibiotic chloramphenicol causes damage to eukaryotes (2019, June 26)
retrieved 23 April 2024 from
<https://phys.org/news/2019-06-antibiotic-chloramphenicol-eukaryotes.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.