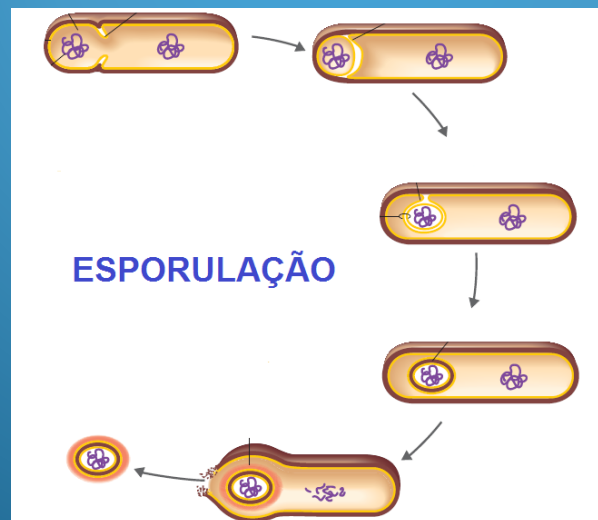


FORMAS LATENTES DE MICRO-ORGANISMOS PROCARIÓTICOS – ESPOROS BACTERIANOS (ENDÓSPOROS)



ESPORULAÇÃO:

- Característica de Bactérias como:
- *Bacillus*;
- *Clostridium*
- *Desulfotomaculum*



[Fonte do Saber](#)

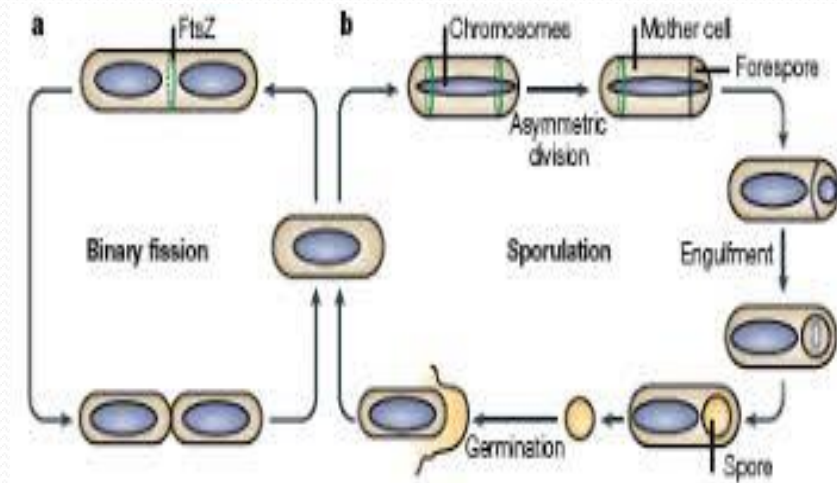
Possuem características Únicas

Célula Vegetativa

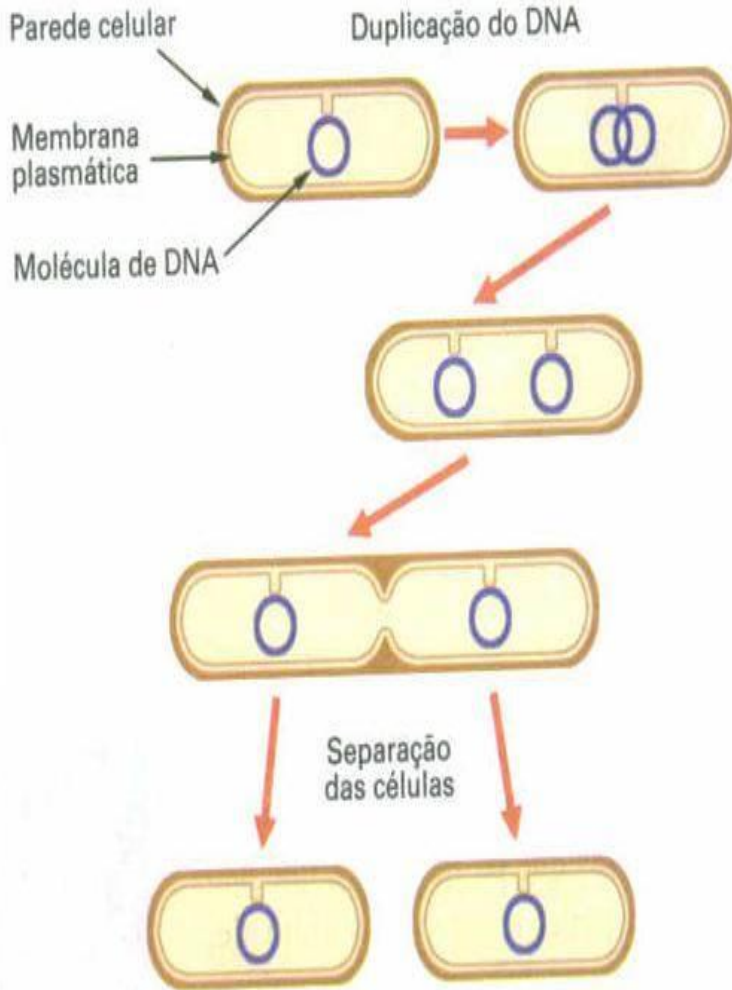
- -Se multiplica ativamente;
- Sensível a tratamentos térmicos utilizados na indústria de alimentos;
- Sensível , em geral, à desidratação, substâncias químicas, Radiação.

Endósporos

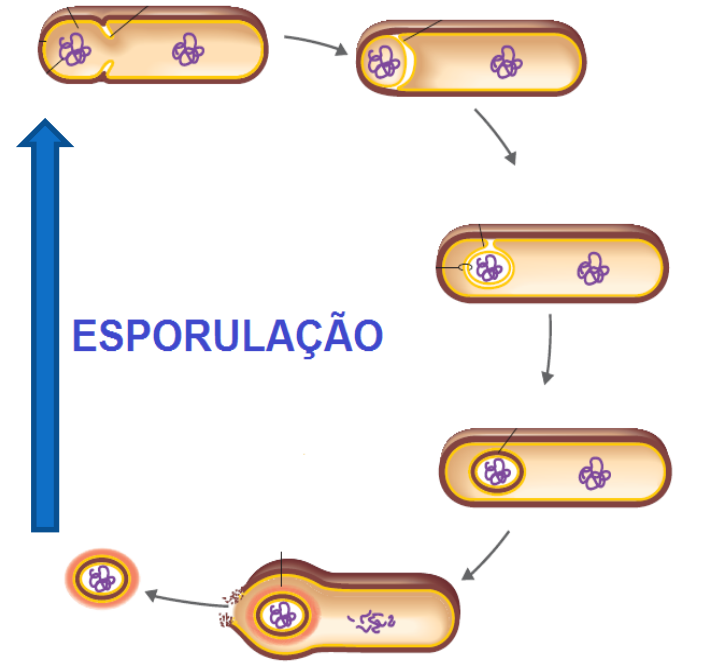
- Forma latente;
- Resistentes a tratamentos térmicos, desidratação, substâncias químicas, Radiação.



CRESCIMENTO VEGETATIVO

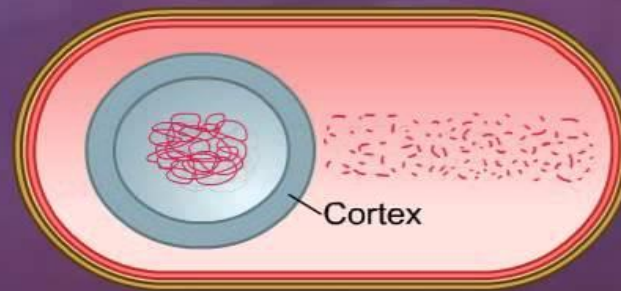


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ESPORULAÇÃO

Formação de esporos bacterianos



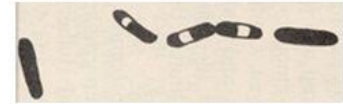
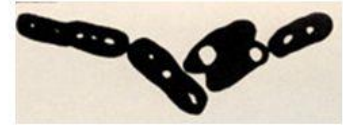
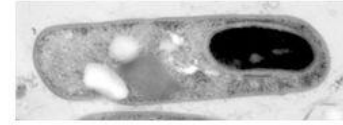
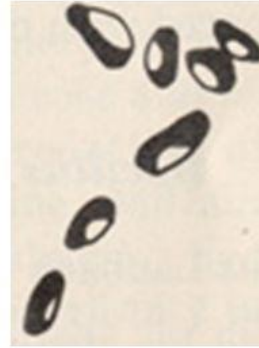
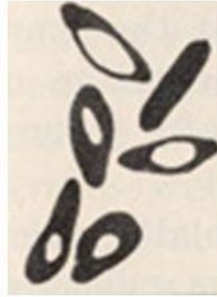
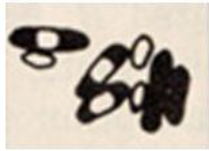
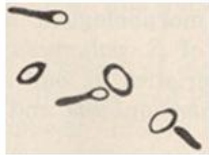
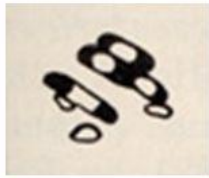
Play

Pause

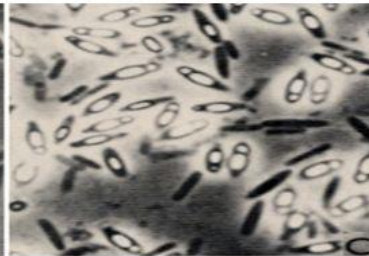
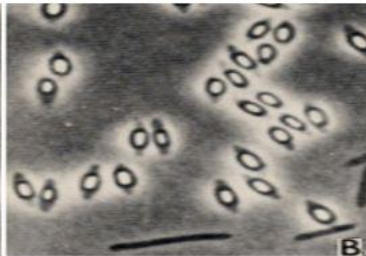
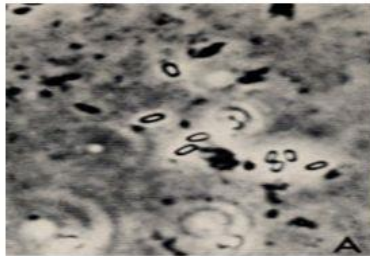
Audio

Text

O ácido dipicolínico é formado no interior do esporo em desenvolvimento, e o cálcio entra a partir do exterior. Enquanto o cálcio entra no esporo, a água é removida.



Tipos de esporos quanto à sua disposição



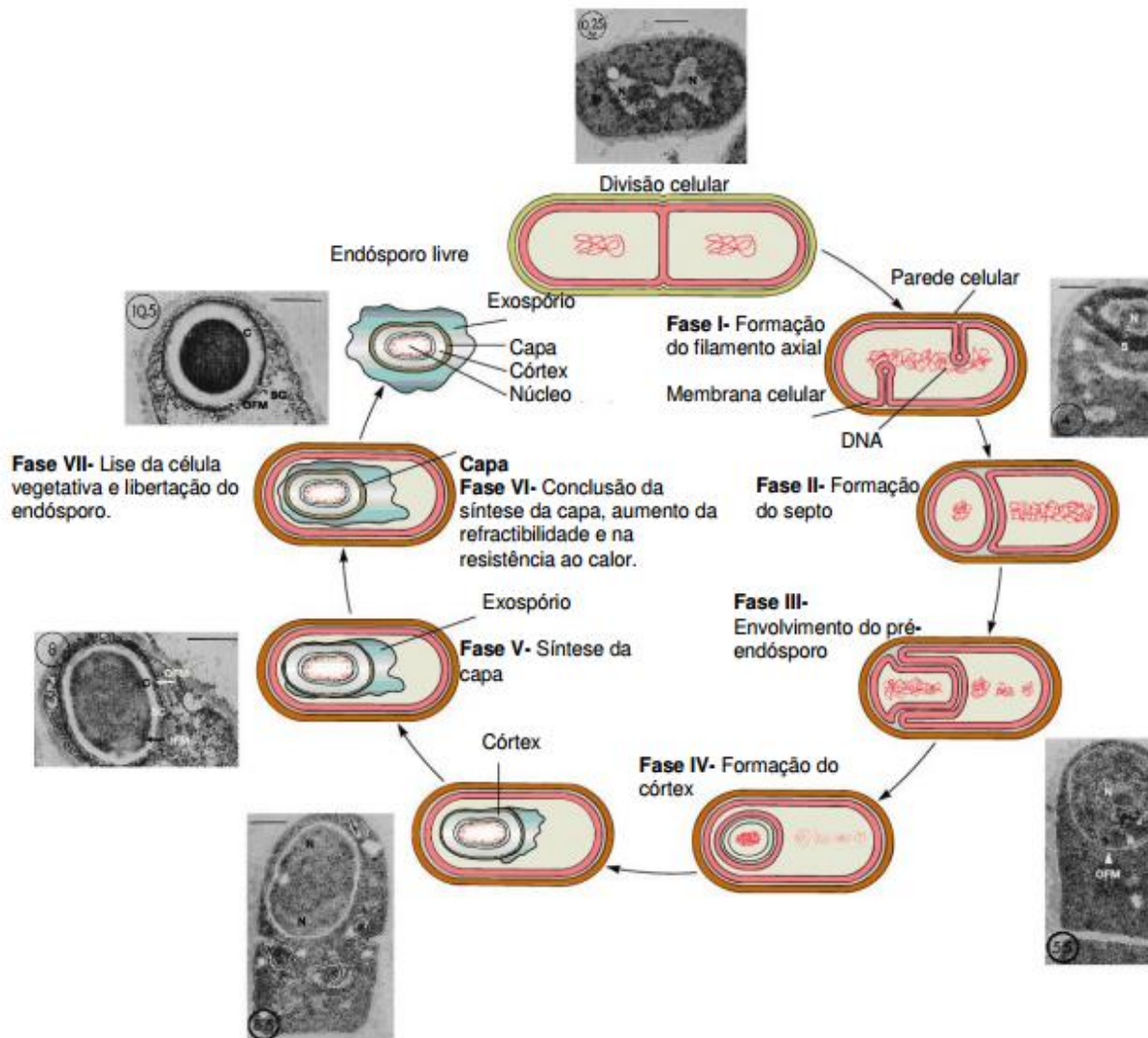
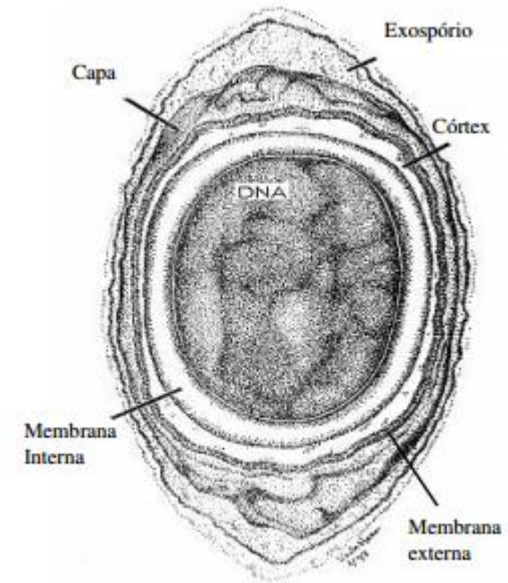
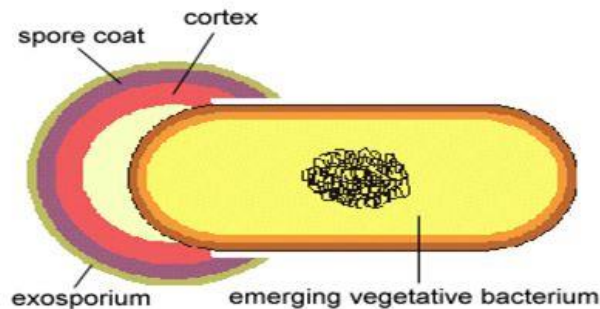


Figura 5 - Imagem das alterações estruturais da célula bacteriana durante a esporulação (Adaptado de Madigan e Martinko, 2006).

Germinação do esporo em célula vegetativa

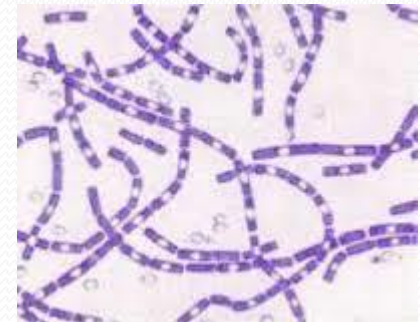
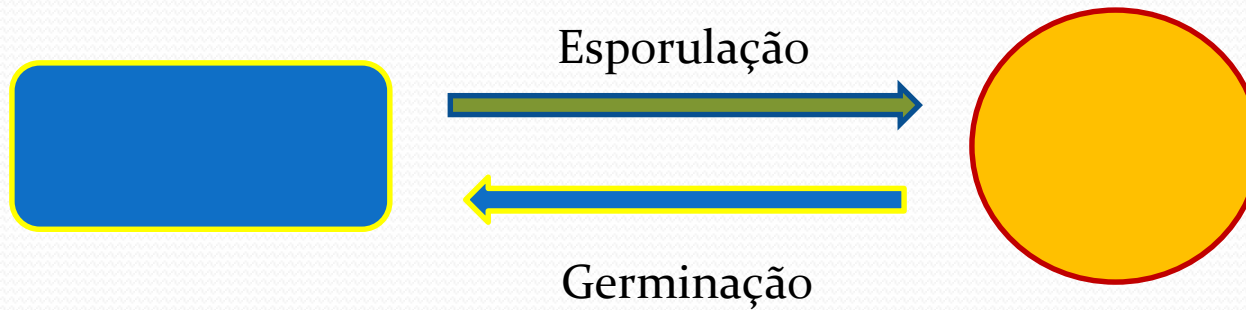
- Ativação
- Iniciação
- Crescimento e brotamento



[Farmácia Minha Vida](#)

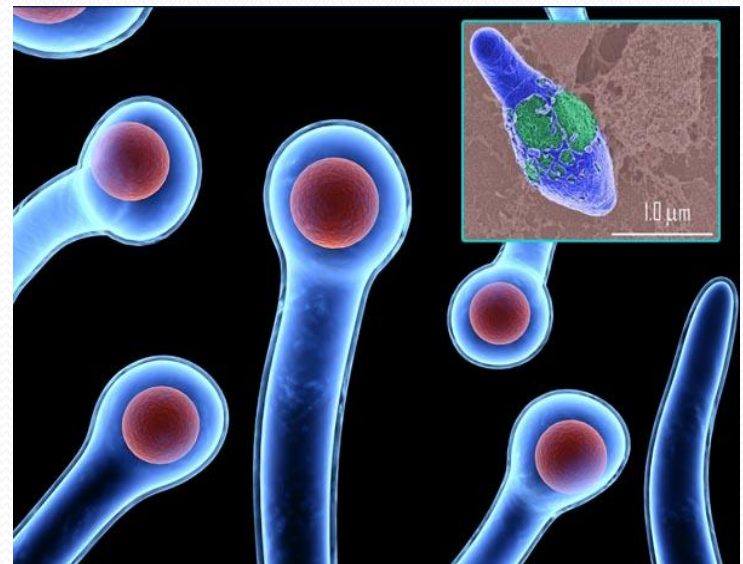
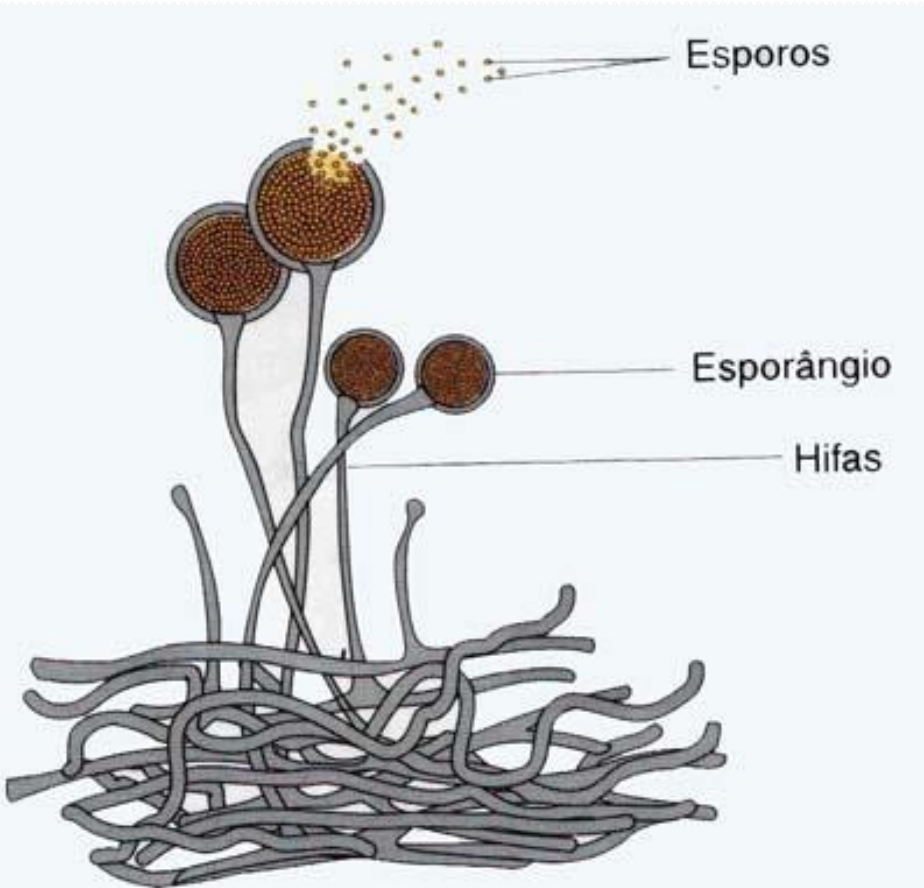
- Célula Vegetativa

Célula Esporulada



- 
- A ESPORULAÇÃO NAS BACTÉRIAS PODE SER CONSIDERADA UMA FORMA DE REPRODUÇÃO ENTRE AS MESMAS?

Não Confunda!!



Veterinario de cavallos en Malaga. Jose Maria Romero

MSO

Esporos de Fungos são Diferentes em função e estrutura do Esporo Bacteriano