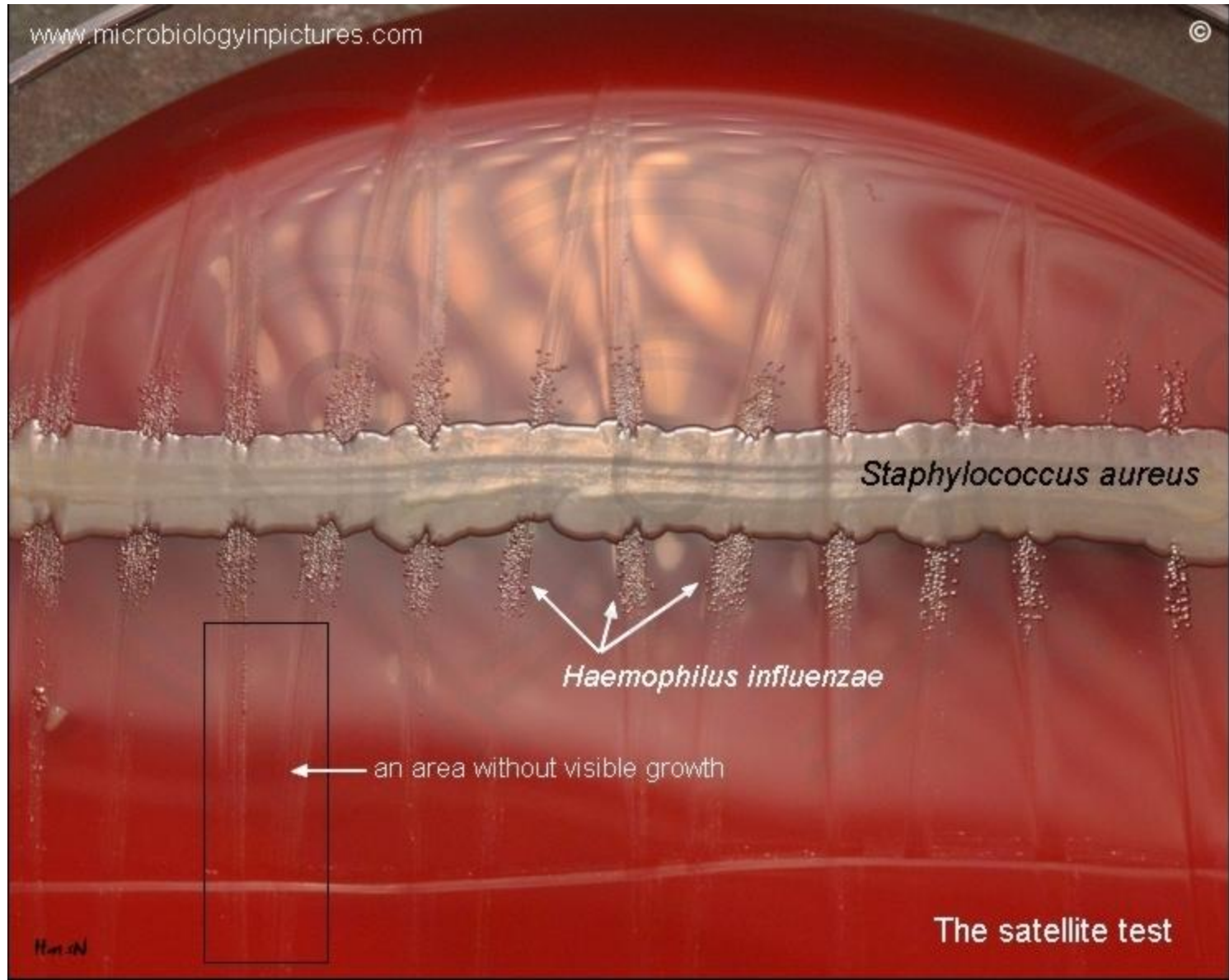
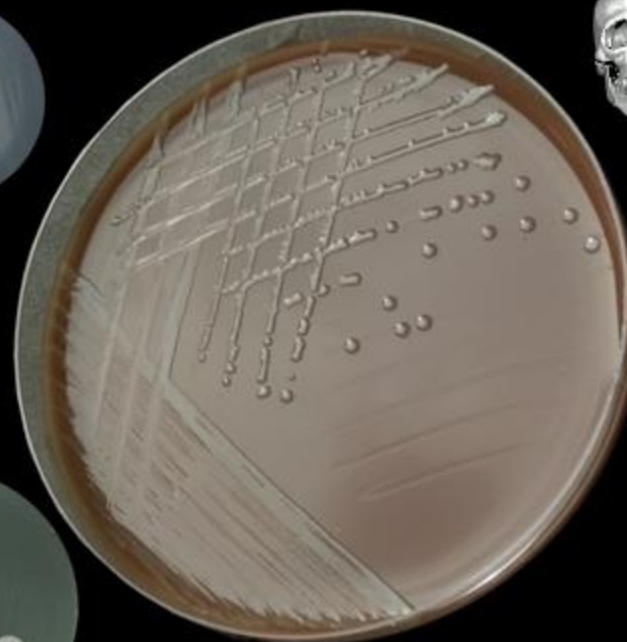
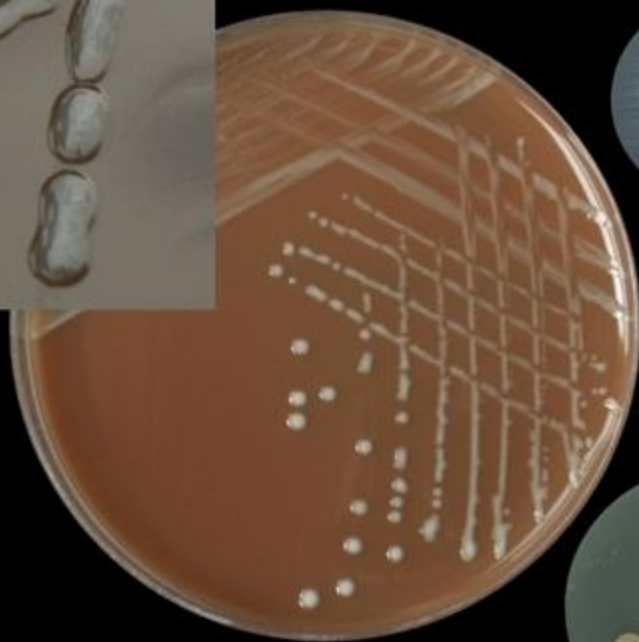


Haemophilus and Neisseria



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www.microbiologyinpictures.comX + V
factors

X factor



V factor

Haemophilus influenzae
cultivation chocolate agar
24 hours, 37°C, 5% CO₂

Hans N.

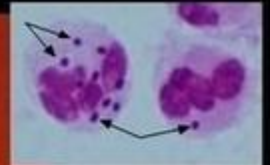
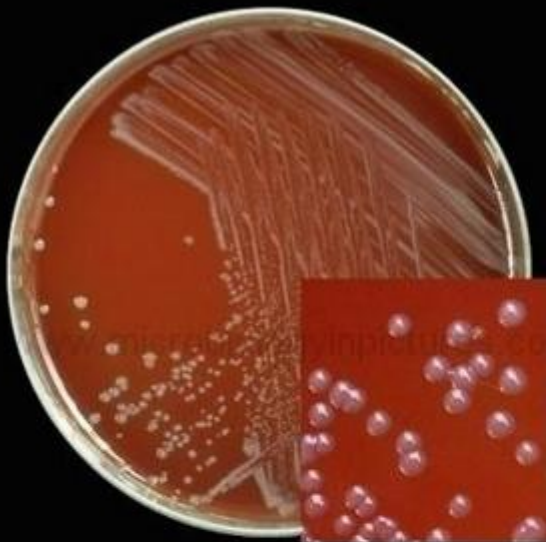
Hans N.

The satellite test



Bordetella pertussis

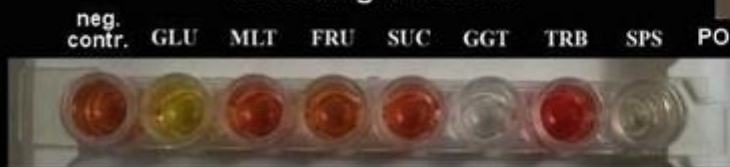
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gonococci phagocytosed by polymorphonuclear leukocytes (PMN's)



**BIOCHEMICAL TESTS FOR
*Neisseria gonorrhoeae***

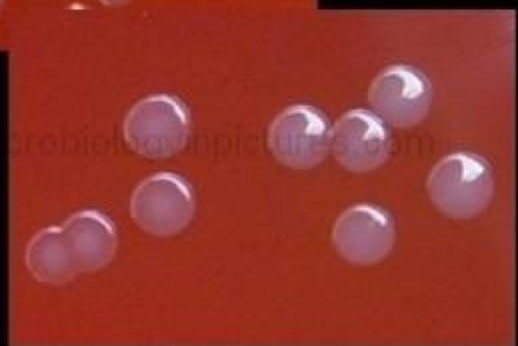


Hans N.

⊕ - - - - -



POSITIVE OXIDASE TEST



Neisseria gonorrhoeae
cultivation 48 hours, 37°C, 5% CO₂

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GRAM-NEGATIVE
DIPLOCOCCI



OXIDASE TEST
POSITIVE



Neisseria meningitidis



VANCOMYCIN RESISTANT

HmsN.