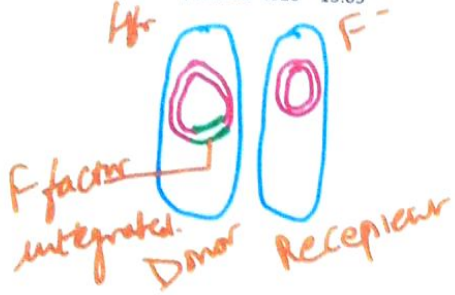


# Genetic Conjugation

Thursday, 24 September 2020 13:05

Hfr x F<sup>-</sup>



Ex Conjugants

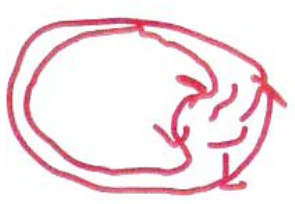
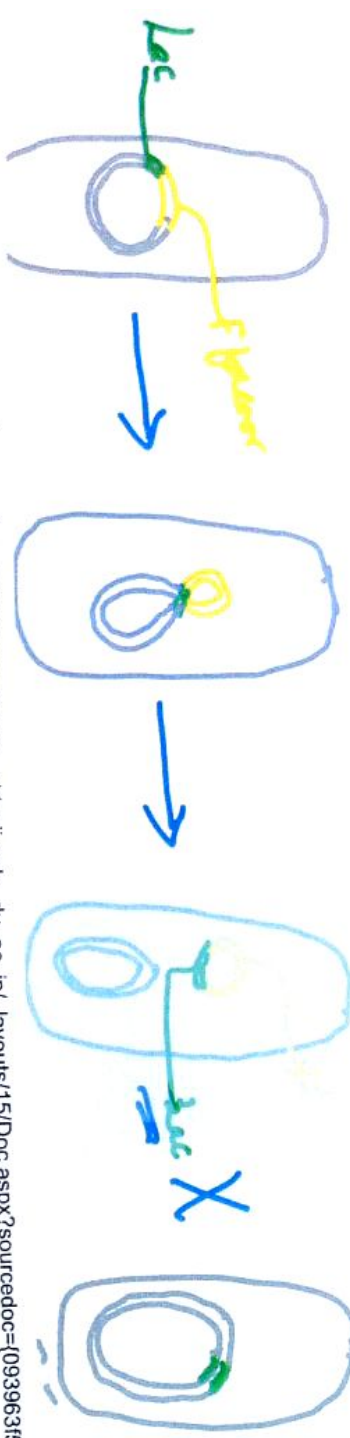


Conjugation in Hfr two bacterial cells.  
Tuesday, 29 September 2020 12:31 PM



High frequency recomb. (F factor integrates into the chromosome and)

Amongst the bacteria  
max. diversity  $\rightarrow$  (F')



Inter (H)  
in its state

↑ faster excretion  
from the  
proximal  
tubules

It may carry  
some of the  
bacterial genes!

Hand-drawn diagram of a cell with labels: "Derm F-1" pointing to a yellow structure, "F-1 receptor" pointing to a yellow structure, and "Pol" pointing to a red structure.

Rolling under  
Replication.

During conjugation the F factor  
has gene is transferred to

F-cell

3x - conjugate : 2 copies of lac metabolism genes

## Gene Mapping in Eukaryotes

*[Handwritten signature]*

through the series on