

occurs what we call genetic recombination. The process of the process of uptake of naked dna from other bacteria we call it as transformation.

Transduction means once again the exchange of genetic material from one bacteria to other with the help of virus. How it takes place usually the bacteria are going to infect by a virus known as bacteriophage. Bacteriophage virus along with this genome it is also inserting the bacterial genome of the virus. The bacterial dna also enters entire inside the another bacteria. The process of exchange or recombination takes place so we call it as transduction which occurs through bacteriophages virus this is the virus.

One possible donor cell that may be present in another plasmid is capable of transferring entirely into the another plasmid. This plasmid may undergo replication, forming one more layer around it, and forming another layer that contains the fg gene with the help of a bridge created from bacteria.