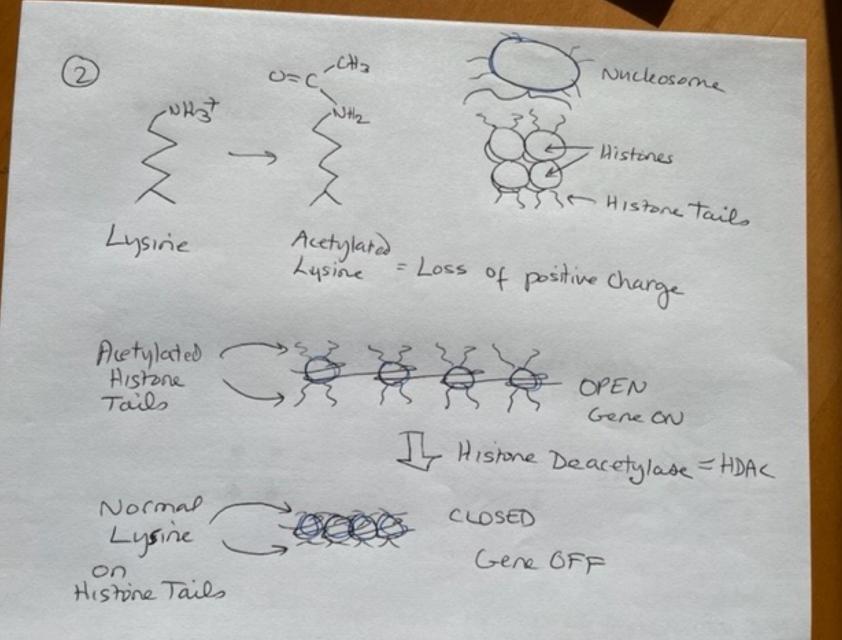
Prof. Engelward's Board Notes for Lecture 7

20.109

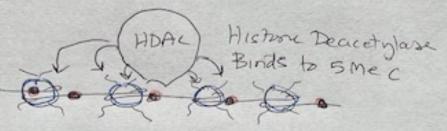
Oct. 6, 2022

NH2 DNA Methyltransferase DNMT 5-Methyl 5 me (= Signal to turn Cytosine 5 Mec a gene of 9 1/3 of all mutations are (ST Caused by deamination of cytosine Deaminated Cytosine = T



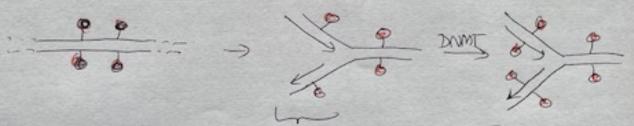
(3)

·= 5 Mec



J

Decetylated = OFF



Hemimethylated Fully methylated

HERITABLE PATTERN OF METHYLATED DWA

The way that you remove 5MeC is by using an enzyme to convert it into a damaged base and then using BER!