# La cellule Le chromosome l'ADN, Le gène la protéine la maladie



Docteur David Geneviève, MCU-PH
Génétique Médicale
Centre de Référence Anomalies du Développement
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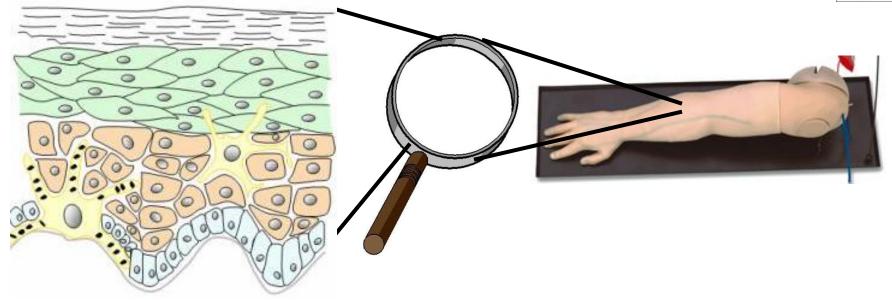


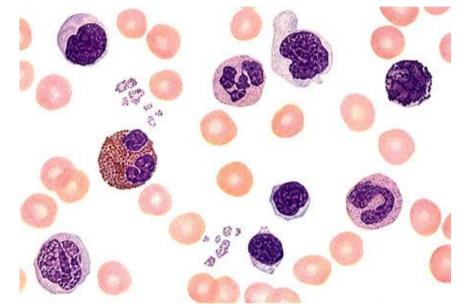




## La cellule





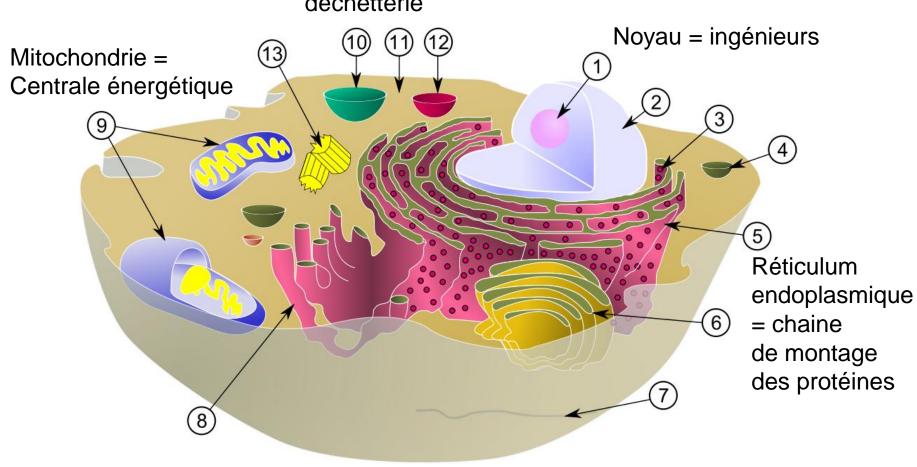




#### La cellule



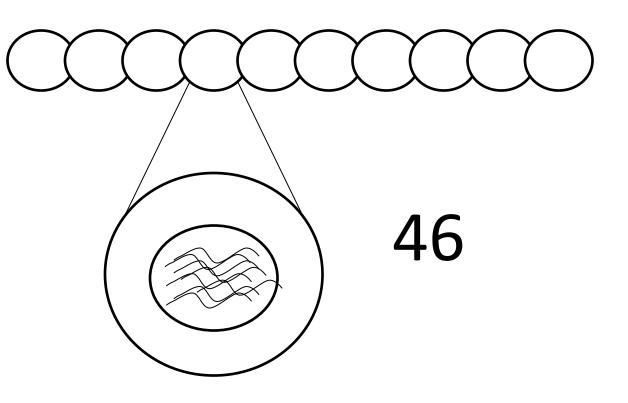






## ĽADN

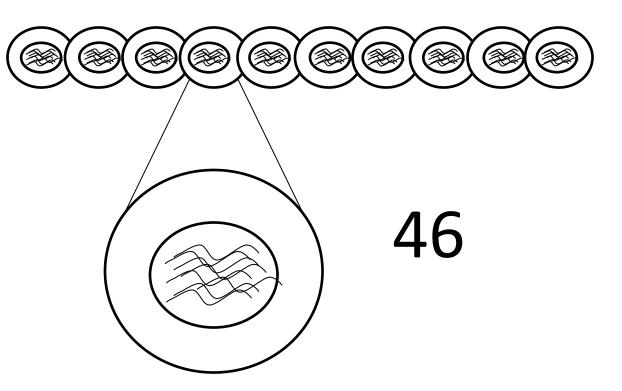






### **L'ADN**

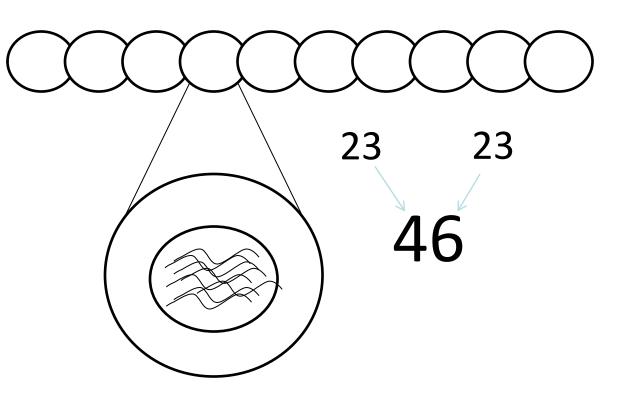






## **L'ADN**

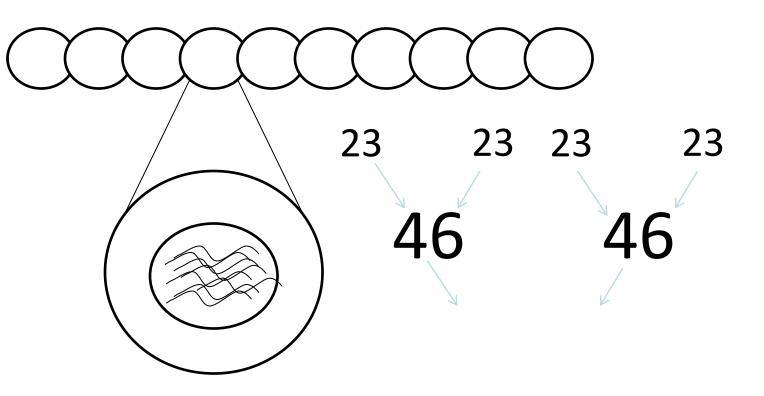






## ĽADN

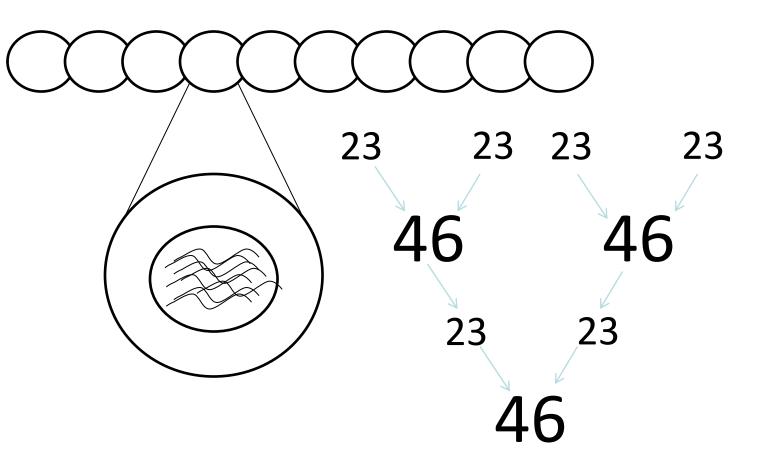






## ĽADN

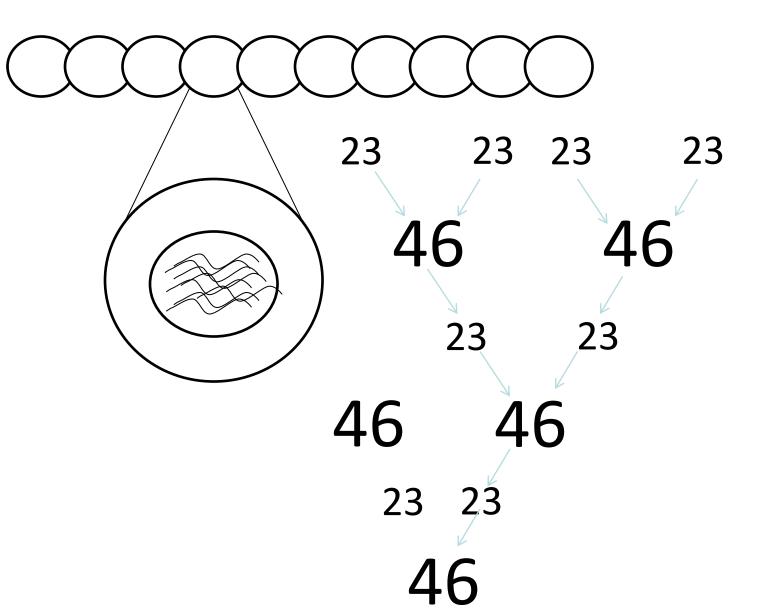






#### **L'ADN**

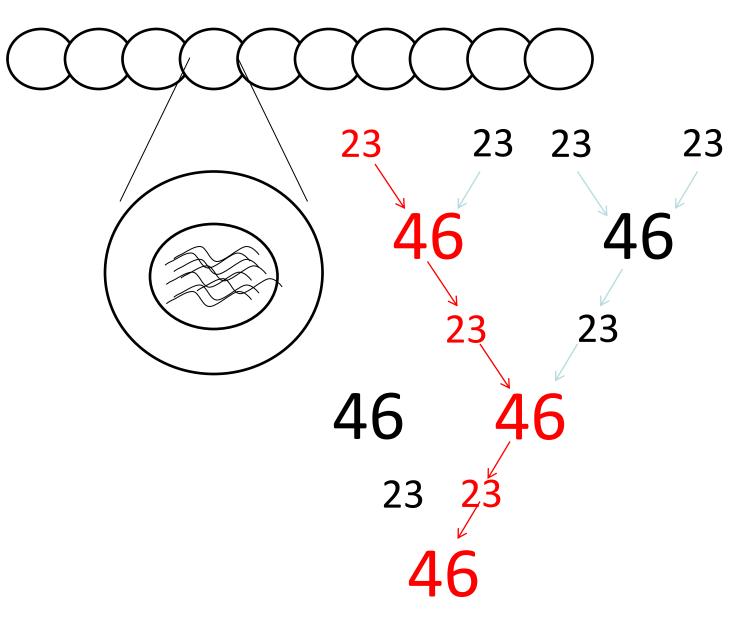






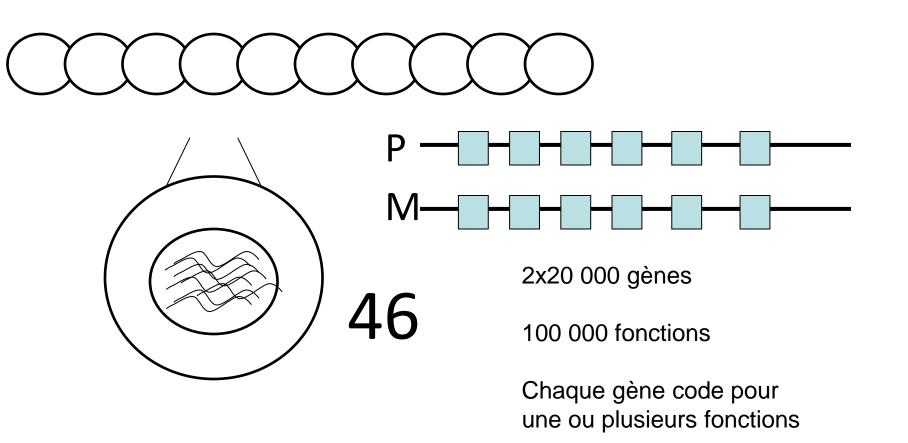
#### **L'ADN**





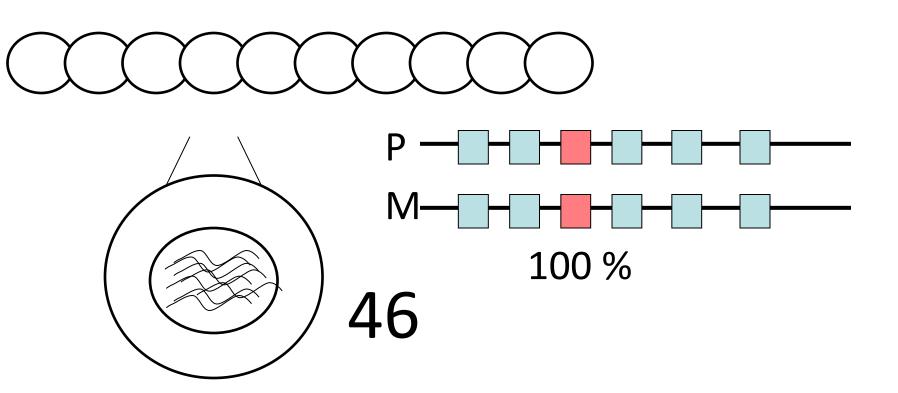






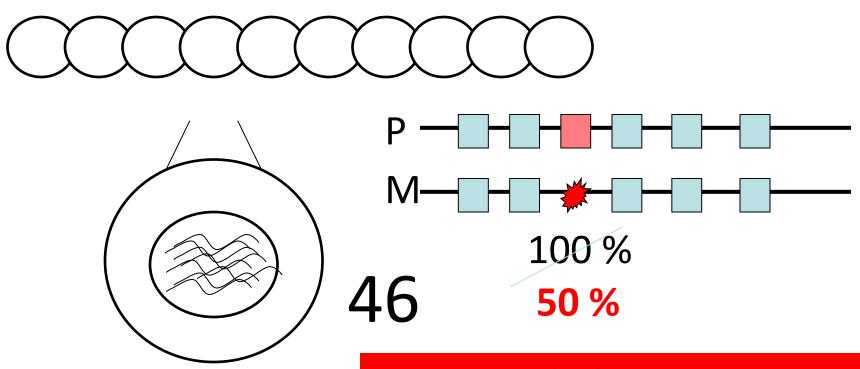












Maladie génétique dominante



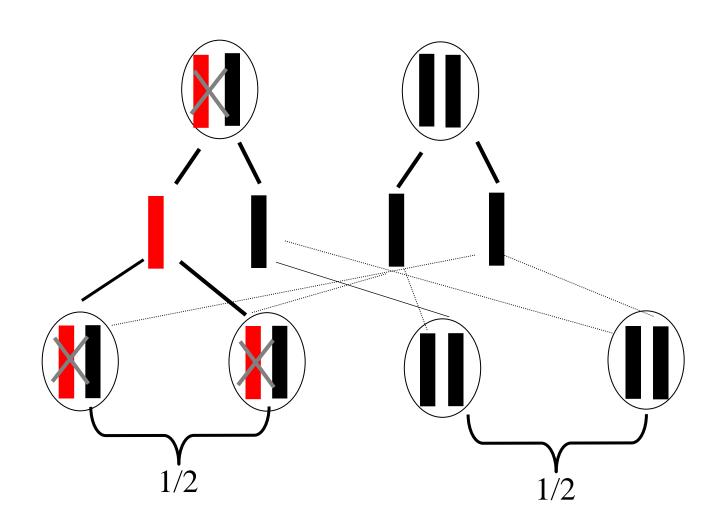
## Pathologie dominante



**Parents** 

Gamètes

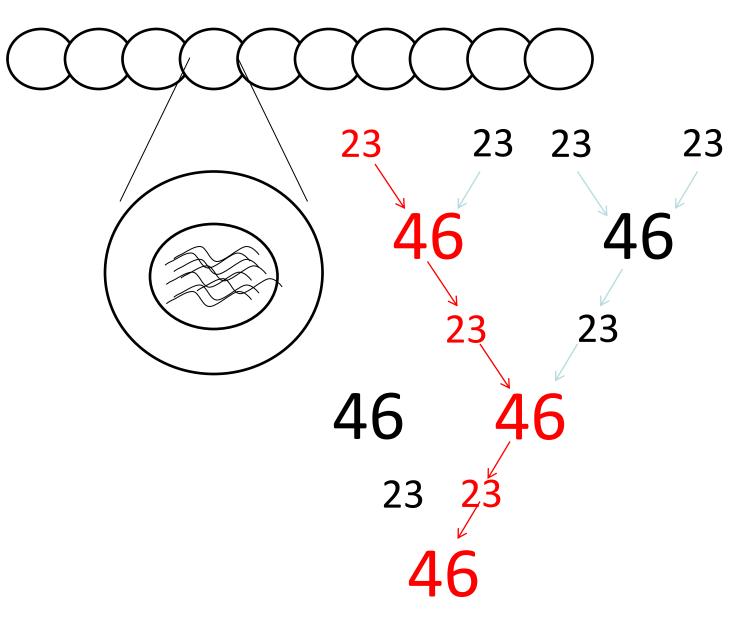
**Enfants** 





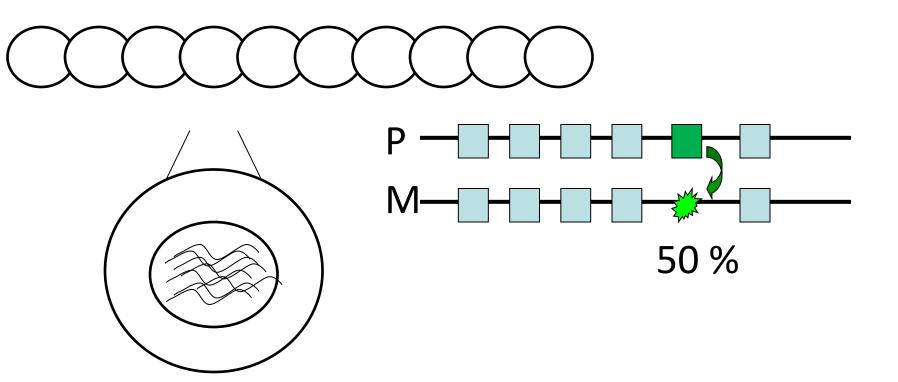
#### **L'ADN**





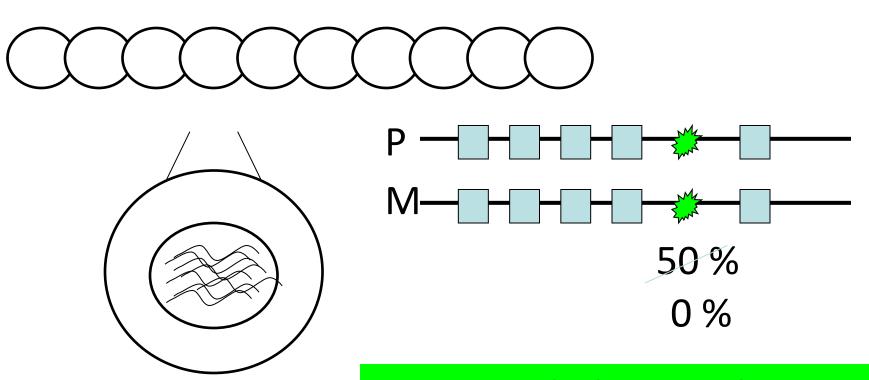












Maladie génétique Récessive



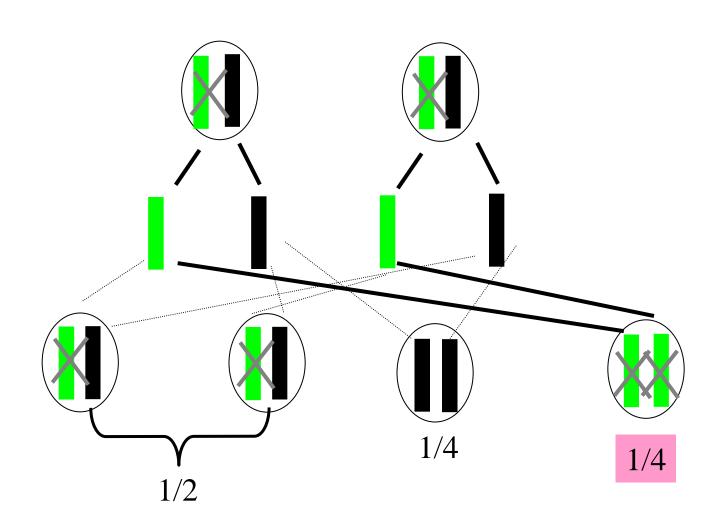
## Pathologie récessive



**Parents** 

Gamètes

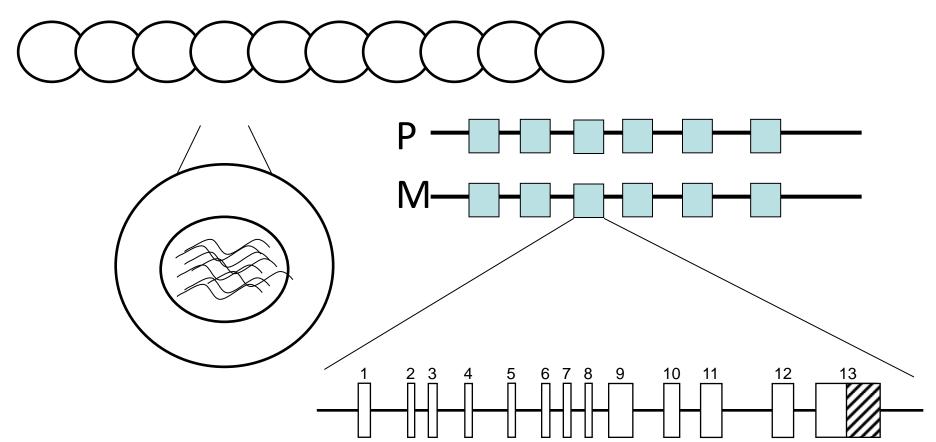
**Enfants** 





# Anatomie d'un gène

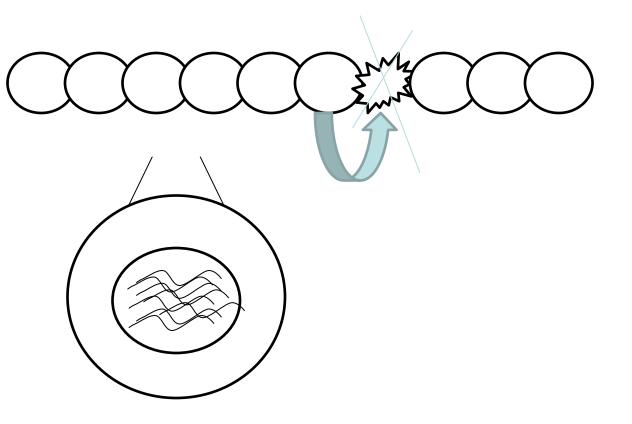






### L'ADN et les chromosomes

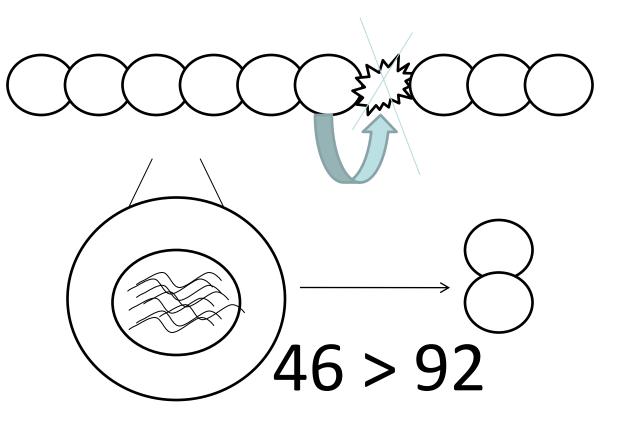






## L'ADN et les chromosomes

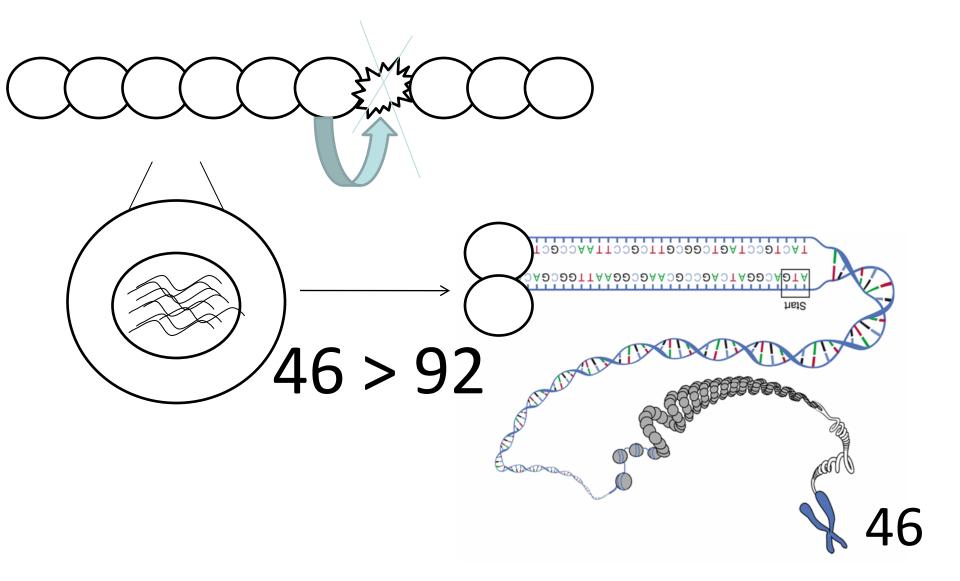






## L'ADN et les chromosomes

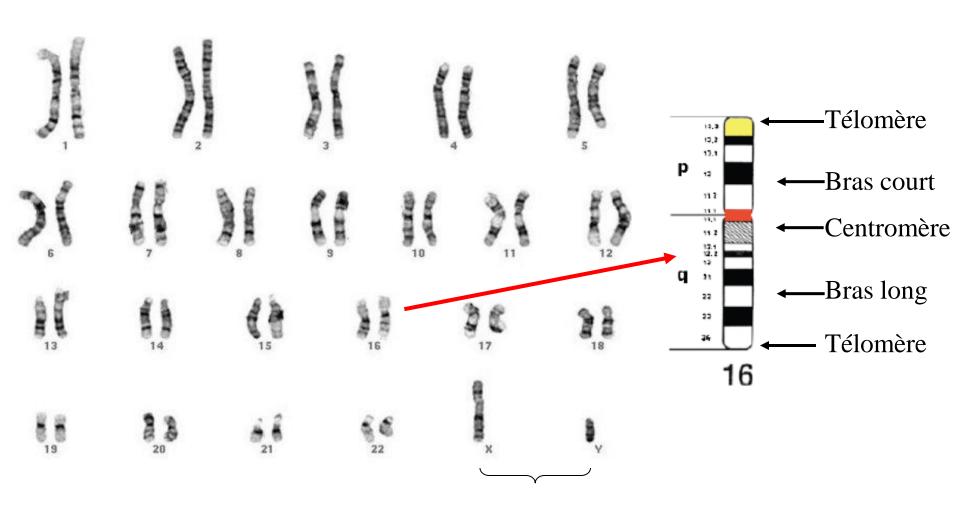






#### Anatomie d'un chromosome





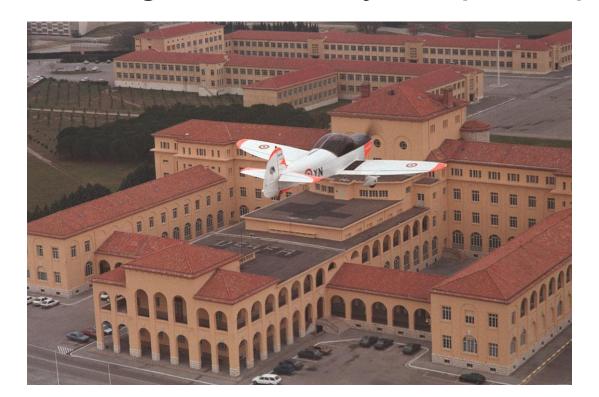
Gonosomes = Chromosomes « sexuels »



#### Anatomie d'un chromosome



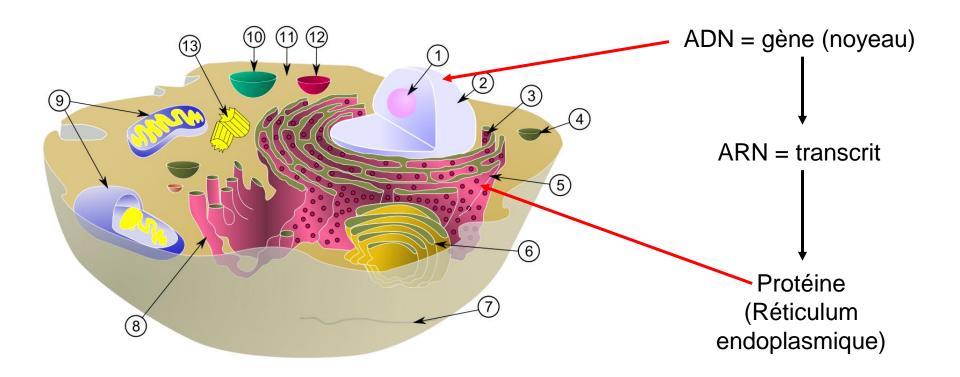
- Caryotype = analyse des chromosome uniquement
- Etude d'un gène = analyse spécifique





## L'ADN – l'ARN- la protéine







#### Conséquence d'une mutation dans un gène



