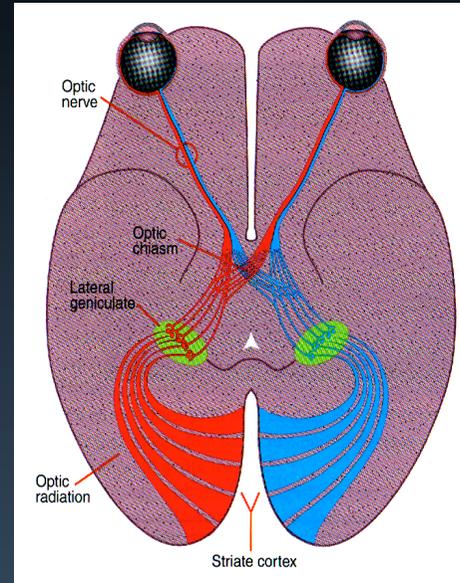


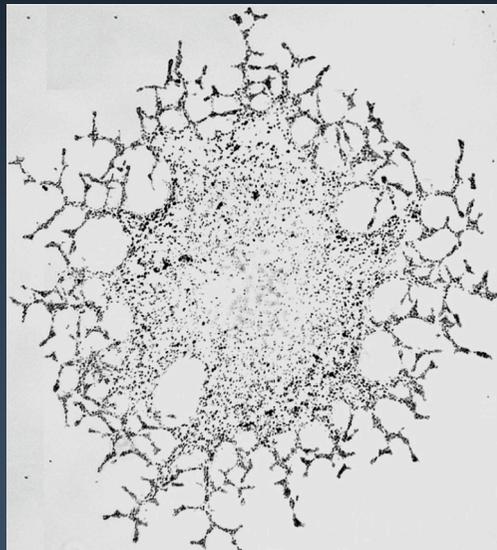
Causa -> -> -> -> -> Effetto



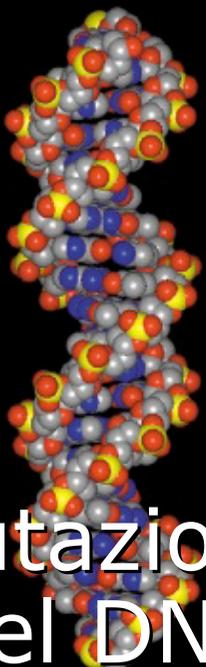
Persona albina



Difetto d'organo



Difetto cellulare

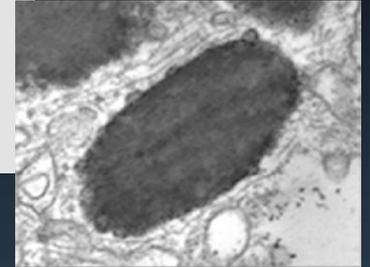
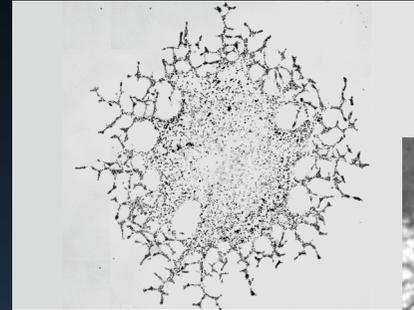


Mutazione nel DNA

Patogenesi

E' quindi importante conoscere:

La biologia di base
della pigmentazione



Come si generano le variazioni
fisiologiche della pigmentazione

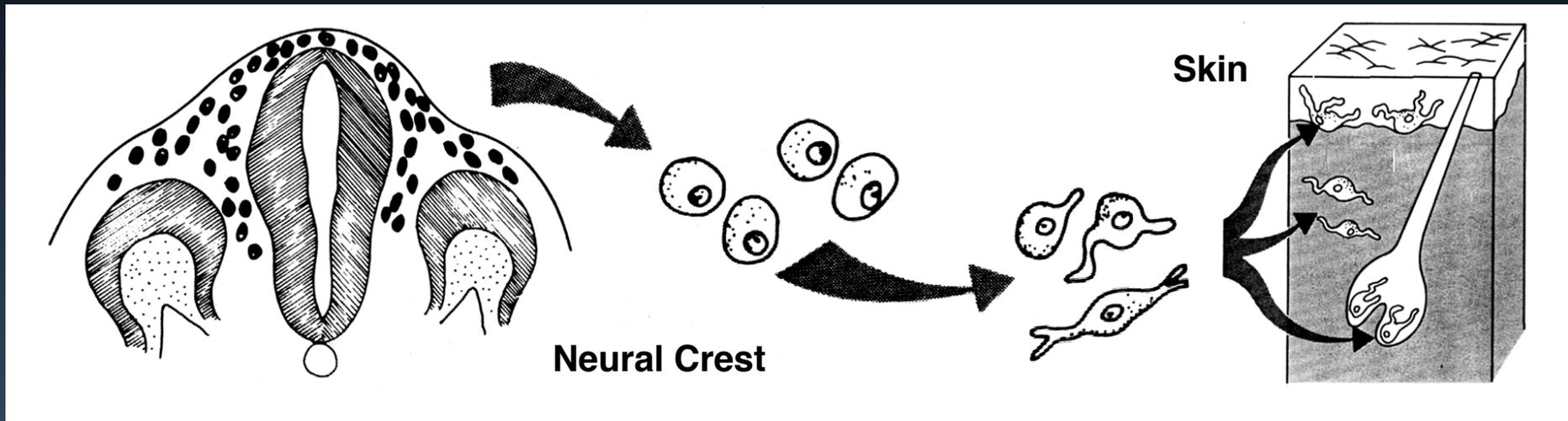


Come si generano le variazioni
patologiche della pigmentazione

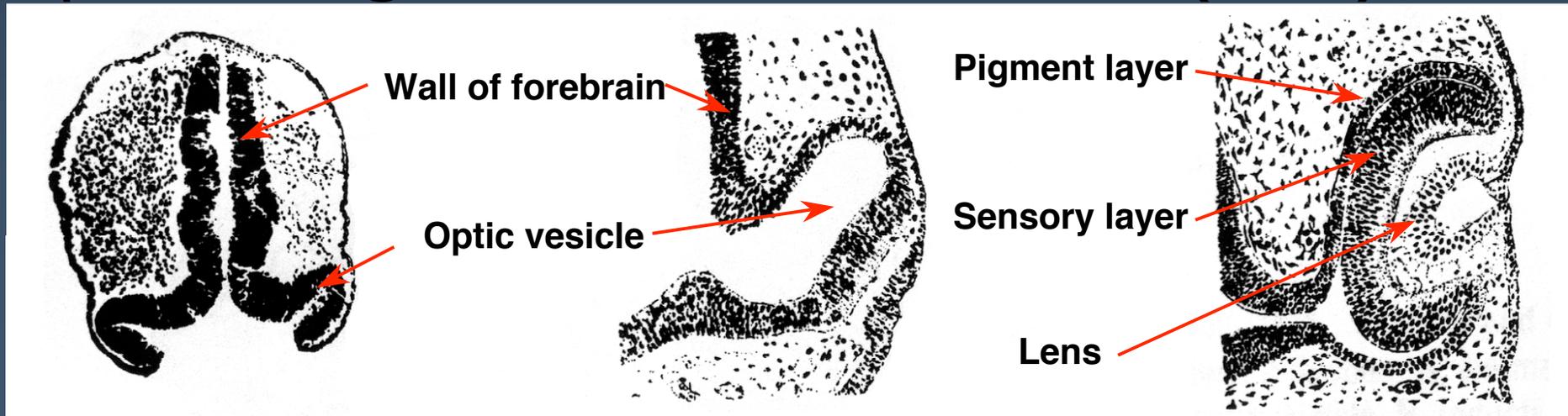


Le cellule pigmentate sono di due tipi

Melanociti



Epitelio Pigmentato della Retina (RPE)



Funzioni dei melanociti

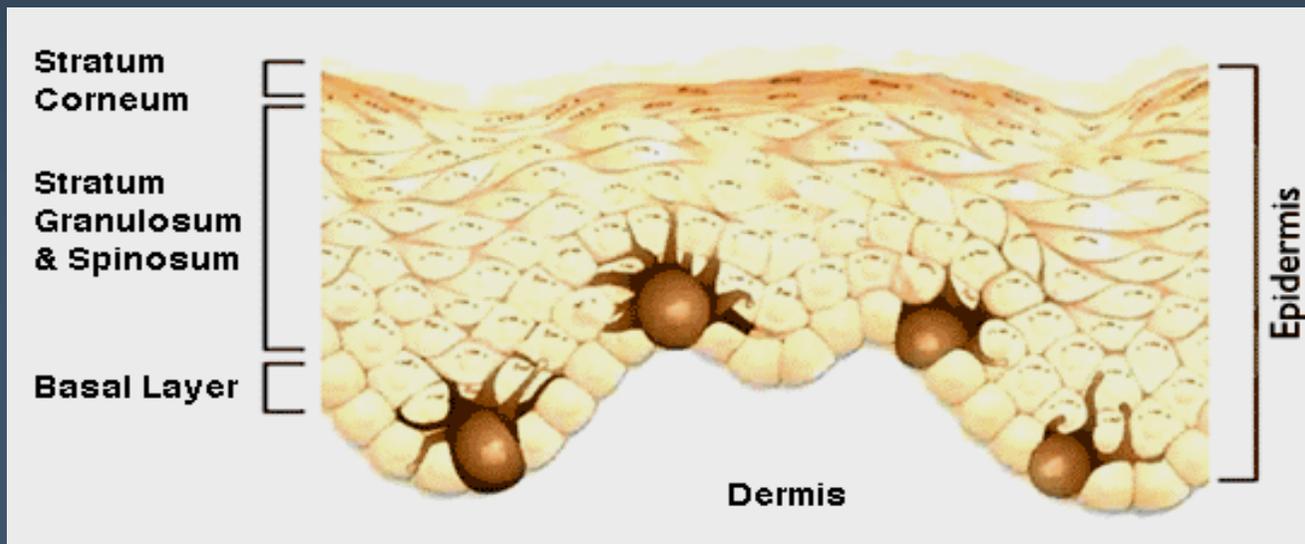
Fotoprotezione; colore di pelle, capelli, iridi



Haematoxylin and eosin stain



Immunohistochemistry for MITF



Stratum
Corneum

Stratum
Granulosum
& Spinosum

Basal Layer

Epidermis

Dermis