

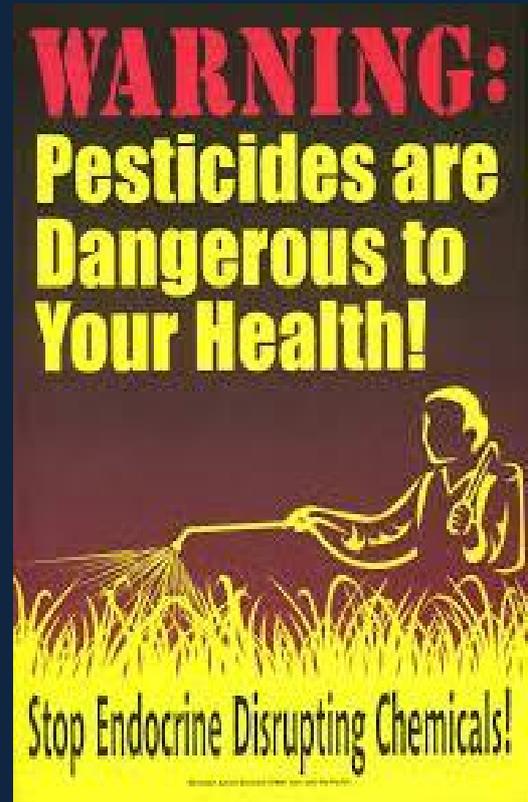


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# Les Perturbateurs Endocriniens

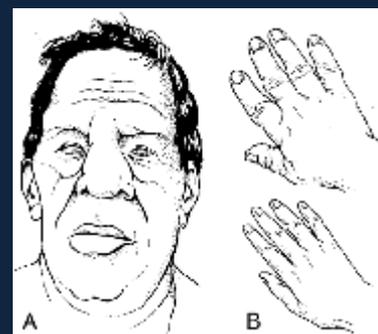
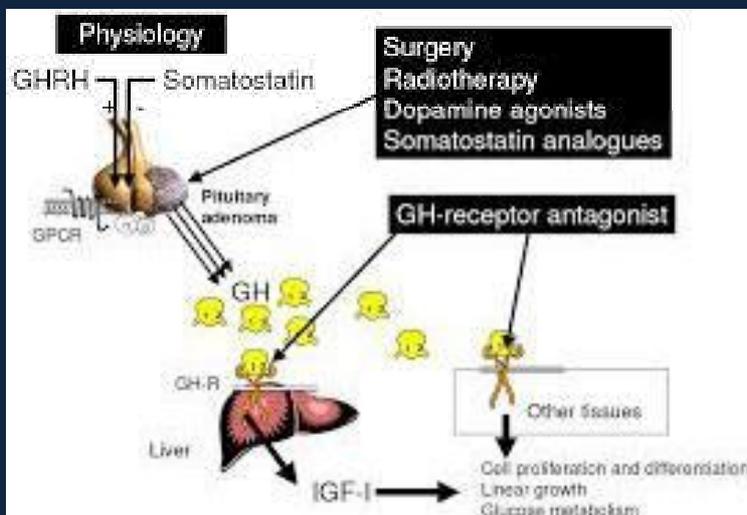
4 :  
Les Pathologies  
Endocriniennes :  
un modèle d'action des P.E. ?



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Excès  
d'Hormone  
de Croissance





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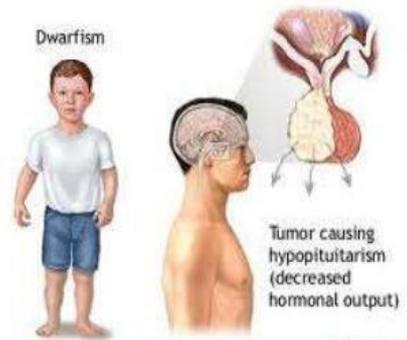
## Nanisme hypophysaire: déficit en Hormone de Croissance

### PITUITARY DWARFISM

- The **achondroplastic dwarf** has an orthopedic reason for having short limbs and a short spinal column. The **pituitary dwarf** lacks growth hormone (an endocrine reason).

- **SYMPTOMS:**

- ✓ GH Deficiency
- ✓ Low blood sugar



ADAM

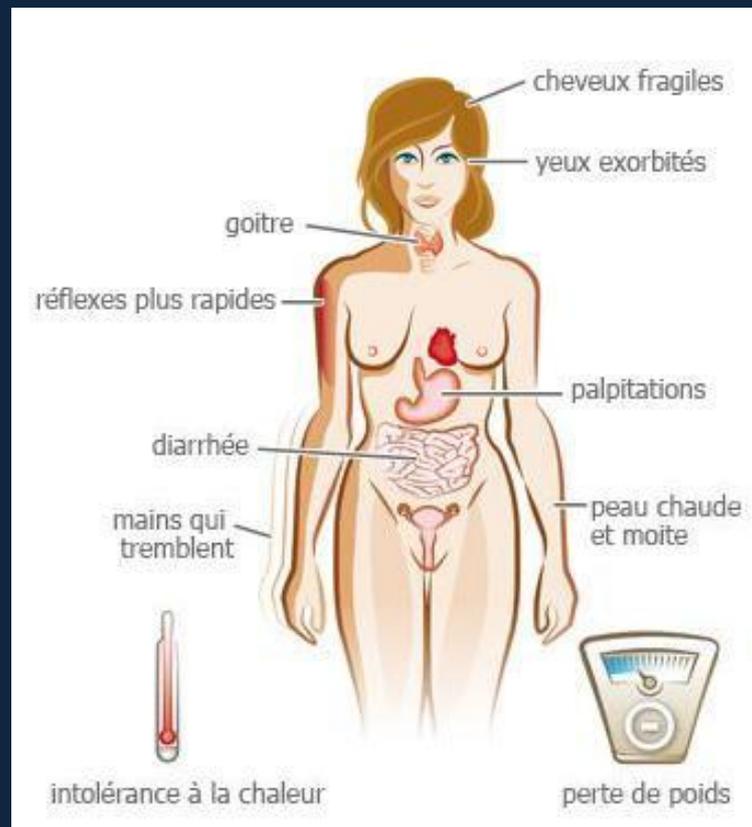
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## Hyperthyroïdie : Maladie de Basedow

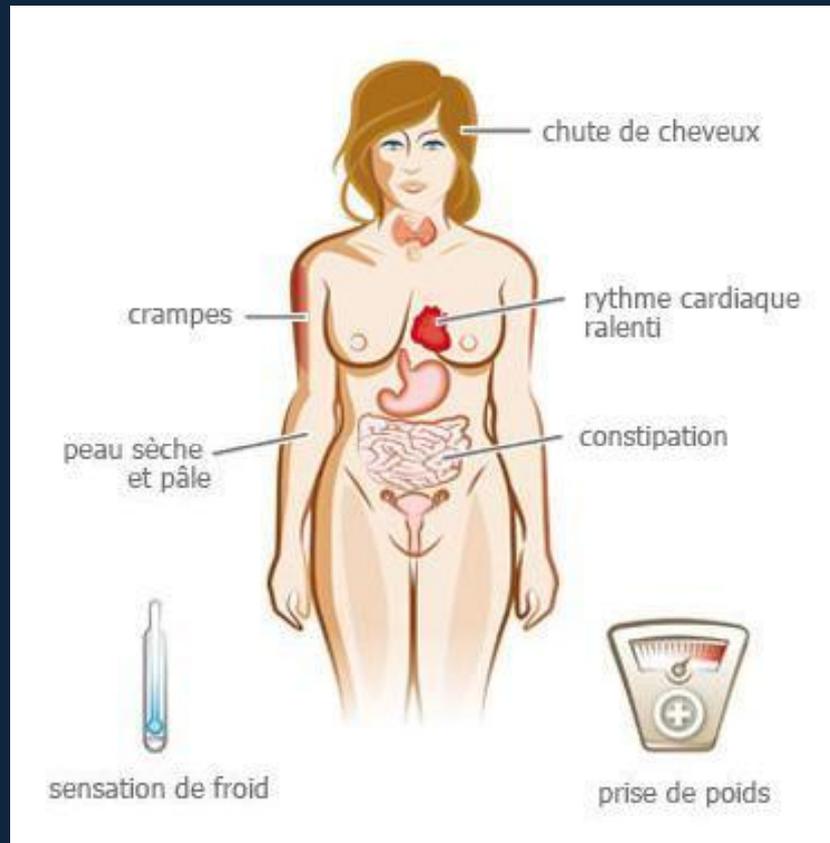




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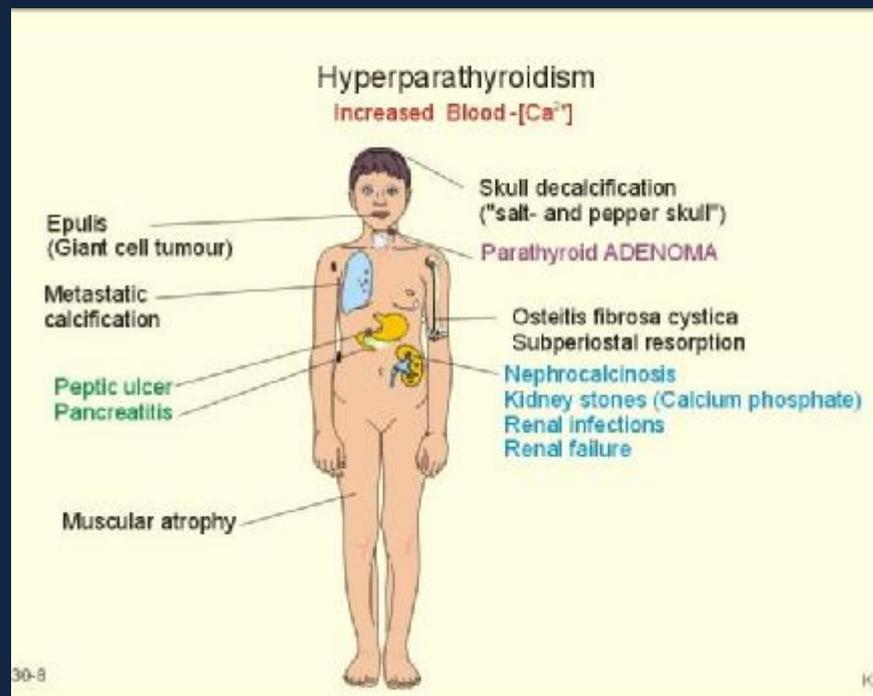
## Hypothyroïdie : Myxœdème



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## HypERparathyroïdie

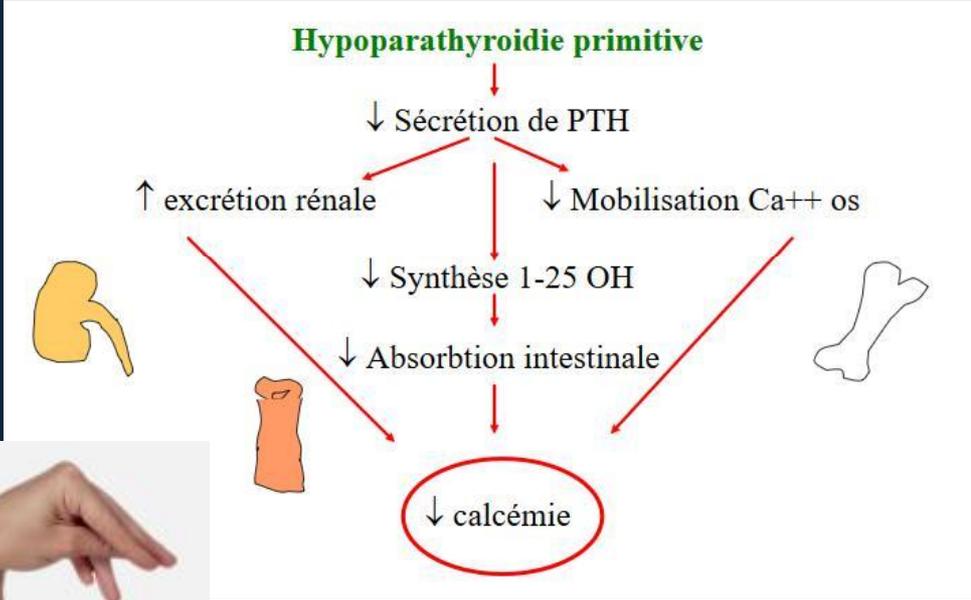




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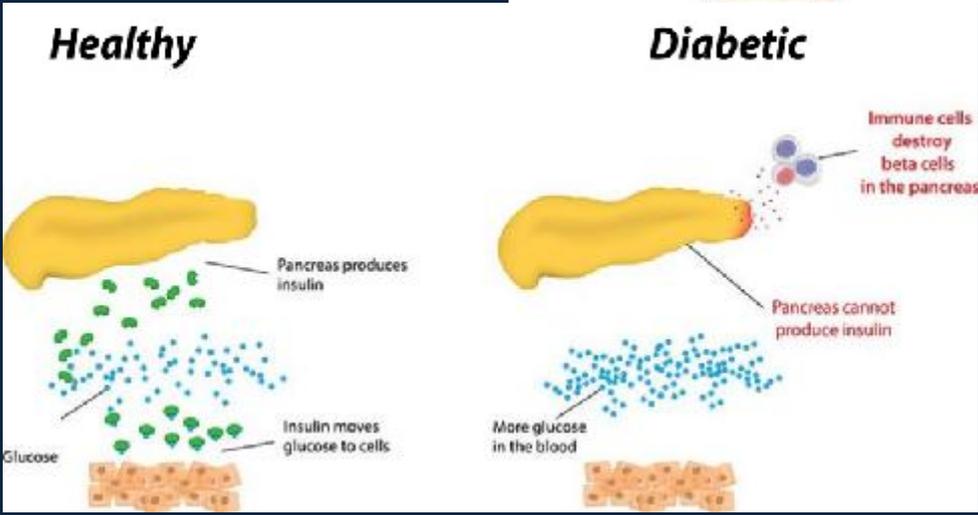
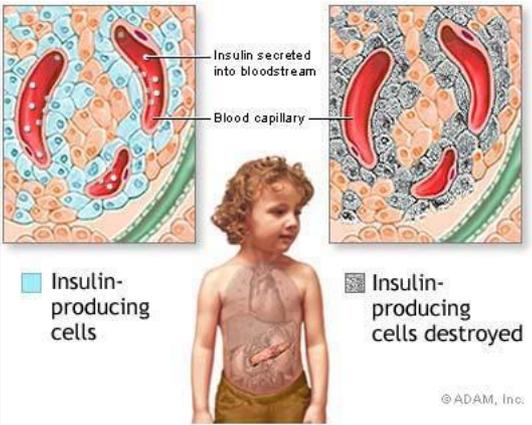
# Hypoparathyroïdie



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# Diabète de Type 1 (Insulino-dépendant)

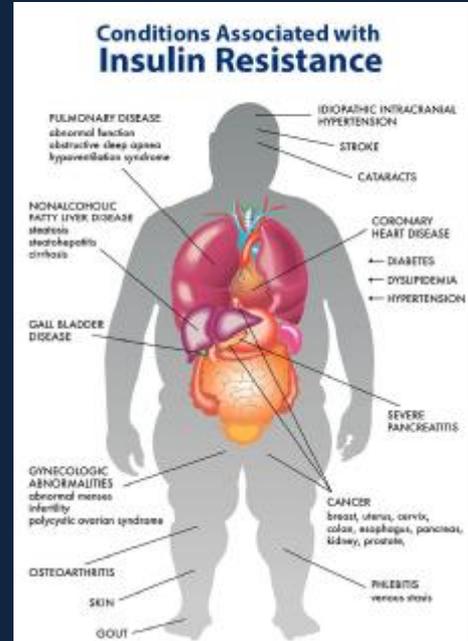
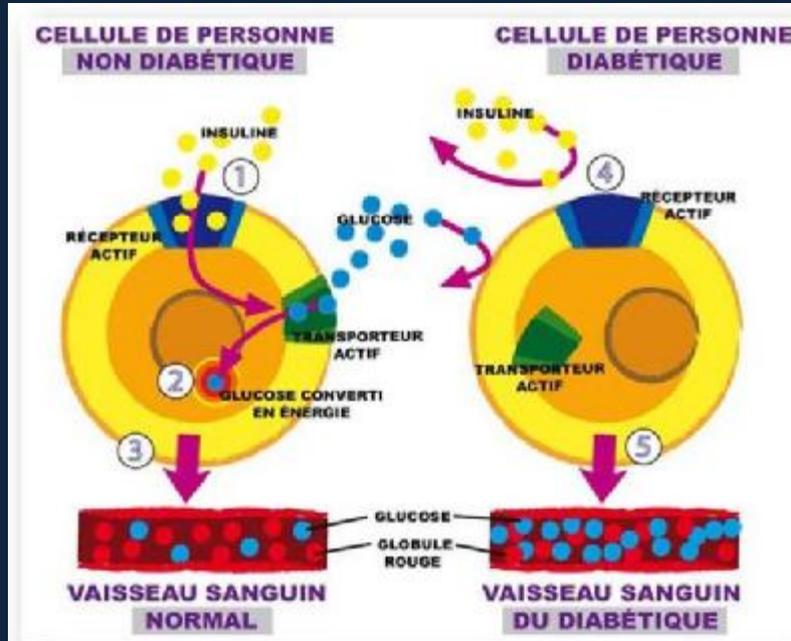




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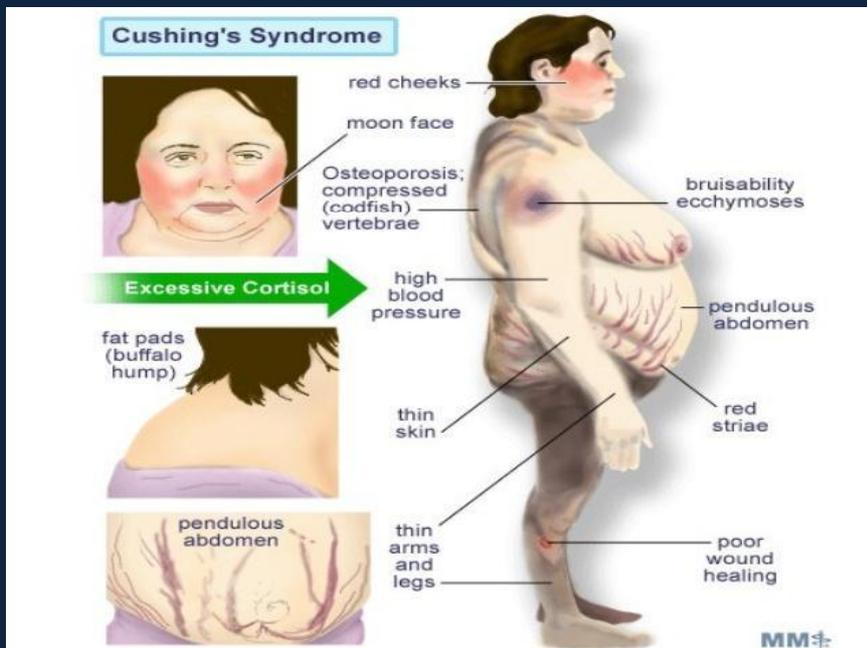
## Diabète de Type 2 (Insulino-résistant)



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## Hypersecrétion cortico-surrénales : Syndrome de Cushing

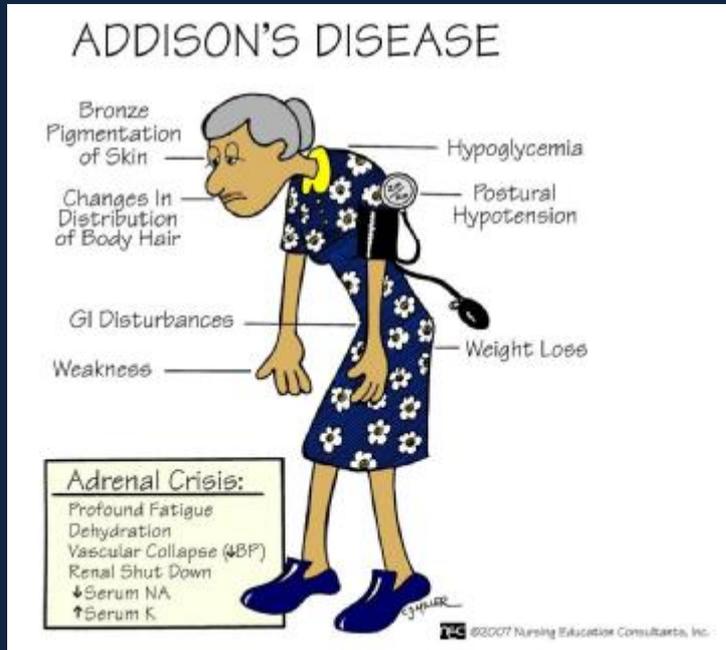




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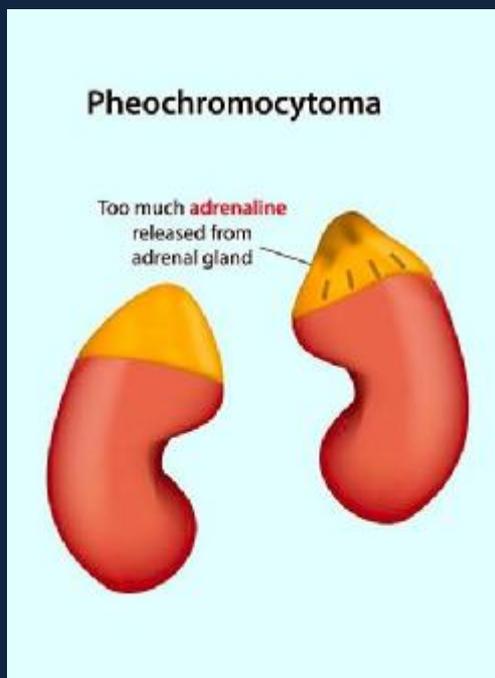
## Insuffisance cortico-surrénales : Maladie d'Addison



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## Hypersecrétion médullo-surrénales : Phéochromocytome



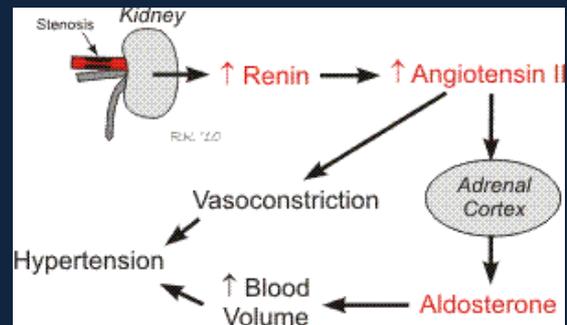
Signs	Symptoms
Pressure (sudden increase in BP)	Paroxysmal hypertension
Pain (headache, chest pain, or abdominal pain)	Orthostatic hypotension
Perspiration	Fever
Palpitations	Retinopathy
Pallor	Hyperglycemia
	Hypercalcemia
	Erythrocytosis



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## Insuffisances Rénales



### Two Types of Kidney Failure

#### "ACUTE"

Kidney failure develops within hours or days, includes chance of kidney function recovery

Possible causes, e.g.:

- traumatic (e.g. post surgical)
- acute intoxications
- part of multiorgan failure
- various other diseases (e.g. infections)

#### "CHRONIC"

Kidney failure develops over years, irreversible at the end

Possible causes, e.g.:

- secondary to high blood pressure and / or diabetes
- chronic bacterial inflammation of the kidneys
- cystic kidneys
- various autoimmune diseases



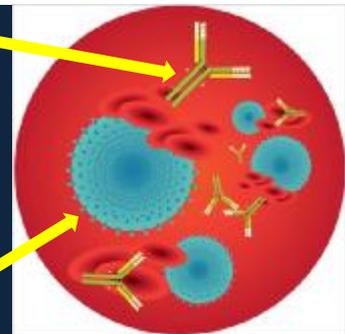
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## Troubles de l'Immunité

anticorps

virus



### Fonctionnement normal Fonctionnement pathologique

