



**UNIVERSIDAD  
DEL SURESTE**

ESCUELA DE MEDICINA

4to Semestre

Grupo "B"

**INMUNOLOGIA**

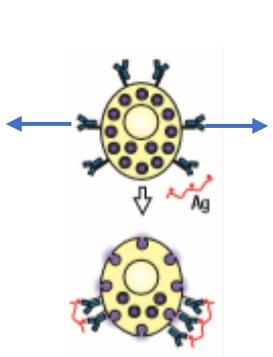
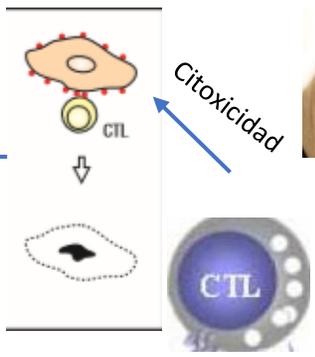
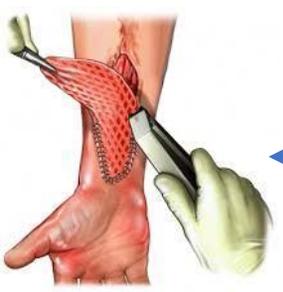
**Mapas mentales**

**Dr. AGUILAR INDILI JULLISCER**

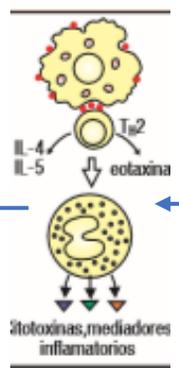
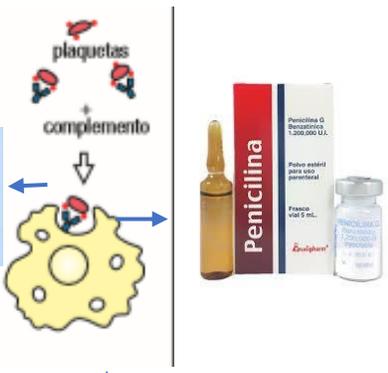
**Presenta:**

- **Víctor Daniel González Hernández**

**12 de Junio del 2020 Comitán, Chis.**

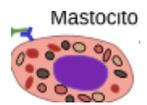
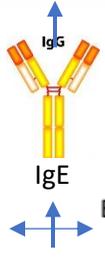


- Signos y síntomas de la anafilaxia
1. Dificultad para respirar o sibilancia
  2. Hinchazón facial
  3. Ronchas
  4. Náuseas o vómitos



TIPO IV

# HIPERSENSIBILIDAD



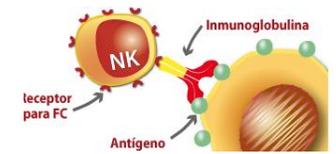
TIPO I

TIPO II

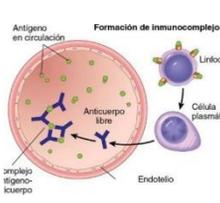
IgG



Ag relacionado con la matriz



Receptor de superficie celular

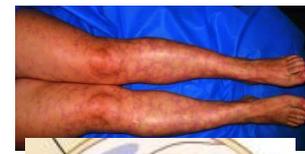
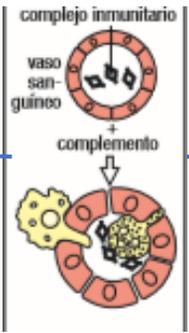


TIPO III

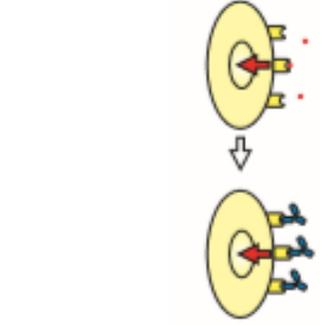
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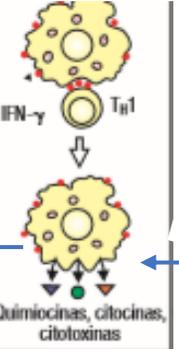
Lesión tisular



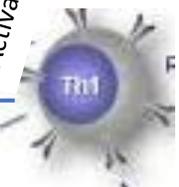
Vasculitis

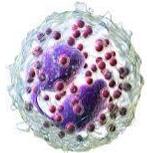
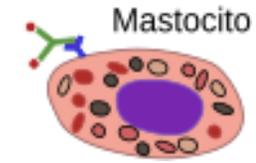
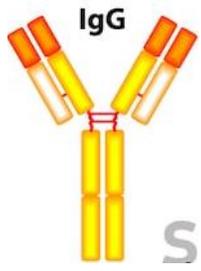


Alteración de la señalización

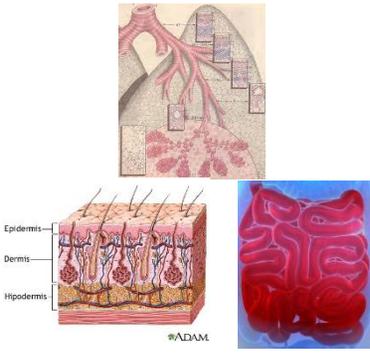
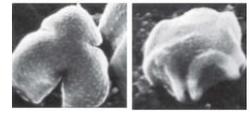
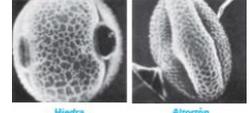
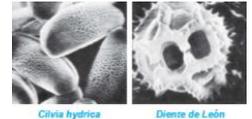
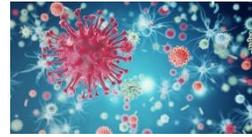


Activación de macrófagos

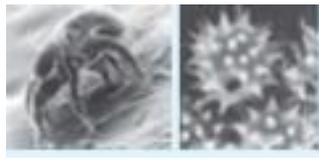




Inflamacion mediada por Th2



Atopia



ALERGIAS

Alergenos

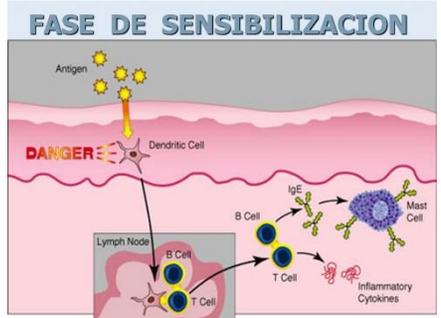
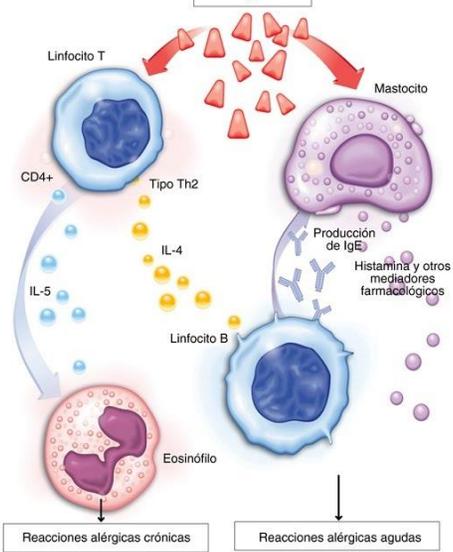
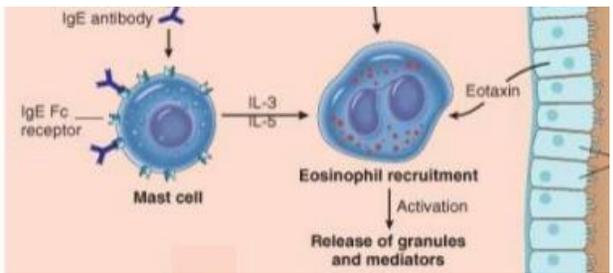


Actores de las reacciones alergicas

Tardia

Cronica Aguda

Sensibilizacion





## BIBLIOGRAFIA

Rojas, W. Anaya, J. Aristizábal. (2015). Inmunología de Rojas. CIB Fondo editorial. Colombia.

Kenneth Murphy, K. Travers. (2009). Inmunobiología de Janeway. Mc Gram Hill. Mexico.