



**UNIVERSIDAD  
DEL SURESTE**

ESCUELA DE MEDICINA

4to Semestre

Grupo "B"

**INMUNOLOGIA**

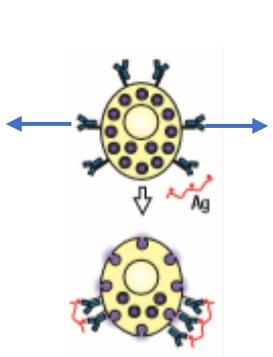
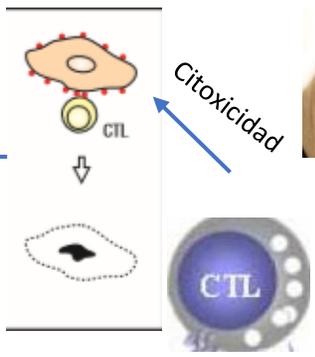
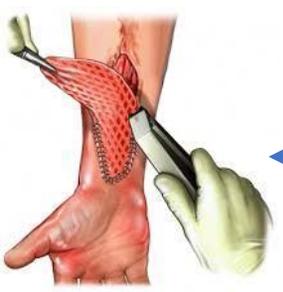
**Mapas mentales**

**Dr. AGUILAR INDILI JULLISCER**

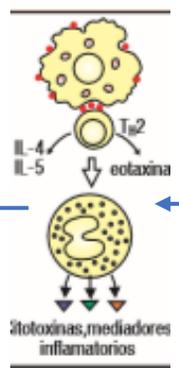
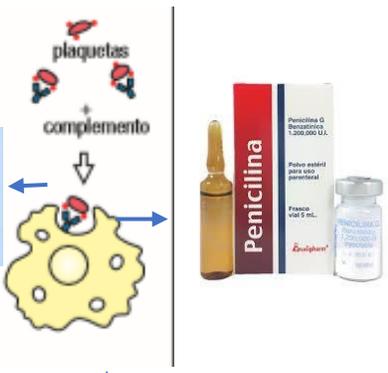
**Presenta:**

- **Víctor Daniel González Hernández**

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

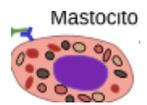


- Signos y síntomas de la anafilaxia
1. Dificultad para respirar o sibilancia
  2. Hinchazón facial
  3. Ronchas
  4. Náuseas o vómitos



TIPO IV

# HIPERSENSIBILIDAD



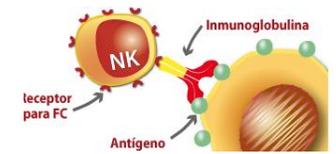
TIPO I

TIPO II

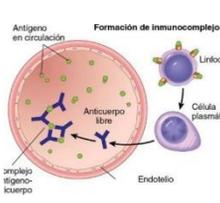
IgG



Ag relacionado con la matriz



Receptor de superficie celular

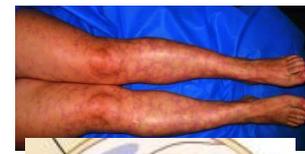
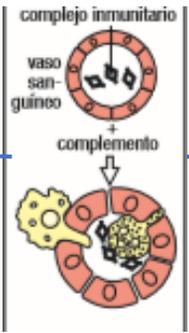


TIPO III

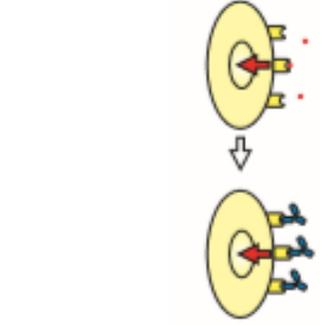
IgG



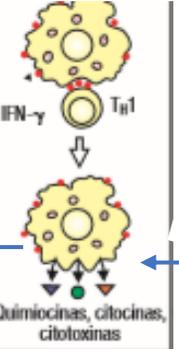
Lesión tisular



Vasculitis

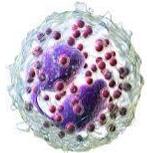
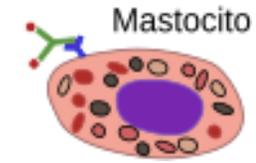
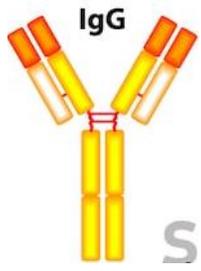


Alteración de la señalización

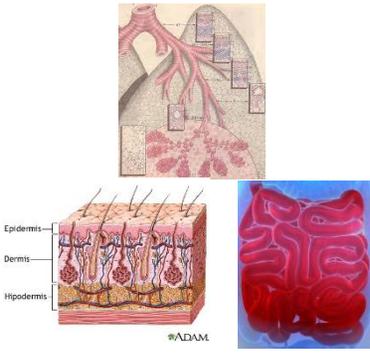
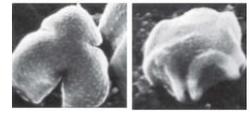
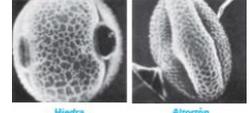
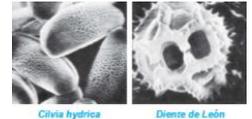


Activación de macrófagos

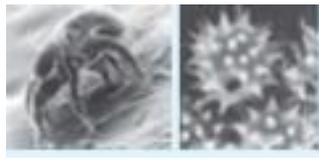




Inflamacion mediada por Th2



Atopia



ALERGIAS

Alergenos

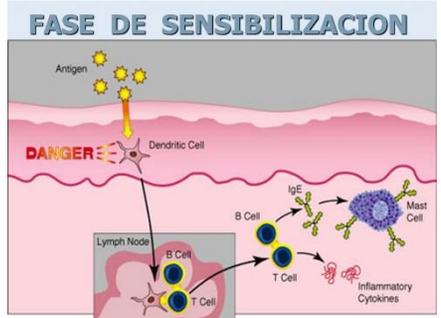
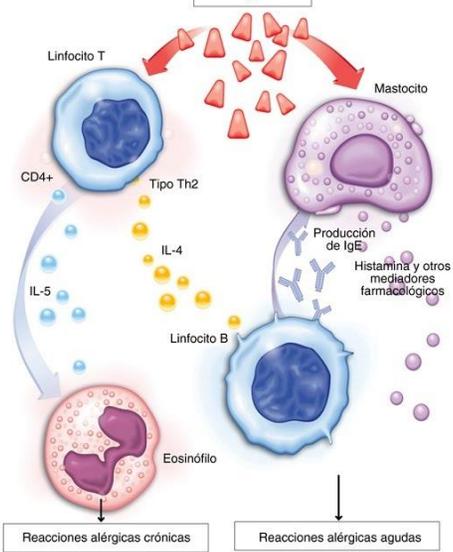
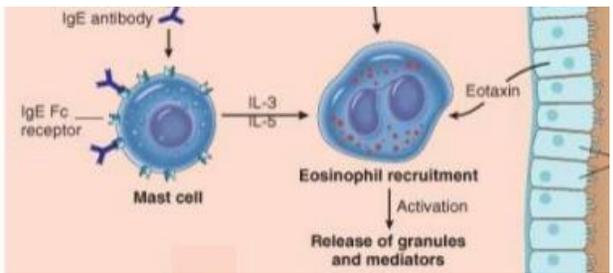


Actores de las reacciones alergicas

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.