

# Type II hypersensitivity

\*Learning objectives:

- 1-Define Ab-mediated disorders.
- 2-Identify types of Ags in type II hypersensitivity.
- 3-List the effector mechanisms of type II hypers.
- 4-Discuss the mechanism of opsonisation and phagocytosis.
- 5-Explain the mechanism of complement & FC Receptor-mediated inflammation.
- 6-Explain mechanism of Ab-mediated cellular dysfunction.

# Type II hypersensitivity

-Definition.

# Type II hypersensitivity

-Types of antigenes:

1-

2-

3-

# Type II hypersensitivity

-Types of effector mechanisms:

1-

2-

3-

# Mechanisms of opsonization & phagocytosis

- \*phagocytosis.
- \*lysis by MAC.
- \*ADCC.
- \*Eosinophil-mediated cytotoxicity against parasites.
- \*Examples:

# Complement & FC Receptor-mediated inflammation

- Mechanism.

- Examples.

# Ab-mediated cellular dysfunction

- Examples.
- Mechanisms.