Obese fat cells

- Obses adipocytes
- Obesity

- Disfunction of adipose tissue
  - Disturbance of adipocytokines levels in circulation (some increase as leptin and resistin and some decrease as adiponectin)
    - Crosstalk
    - Macrophage infiltration in adipose tissue (recruitment of macrophage)

  - Release of cytokines – stimulation of pro-inflammatory processes
    - Insulin resistance

- Diabetes type 2

Pathogenic State of gain weight