

Figure 1.

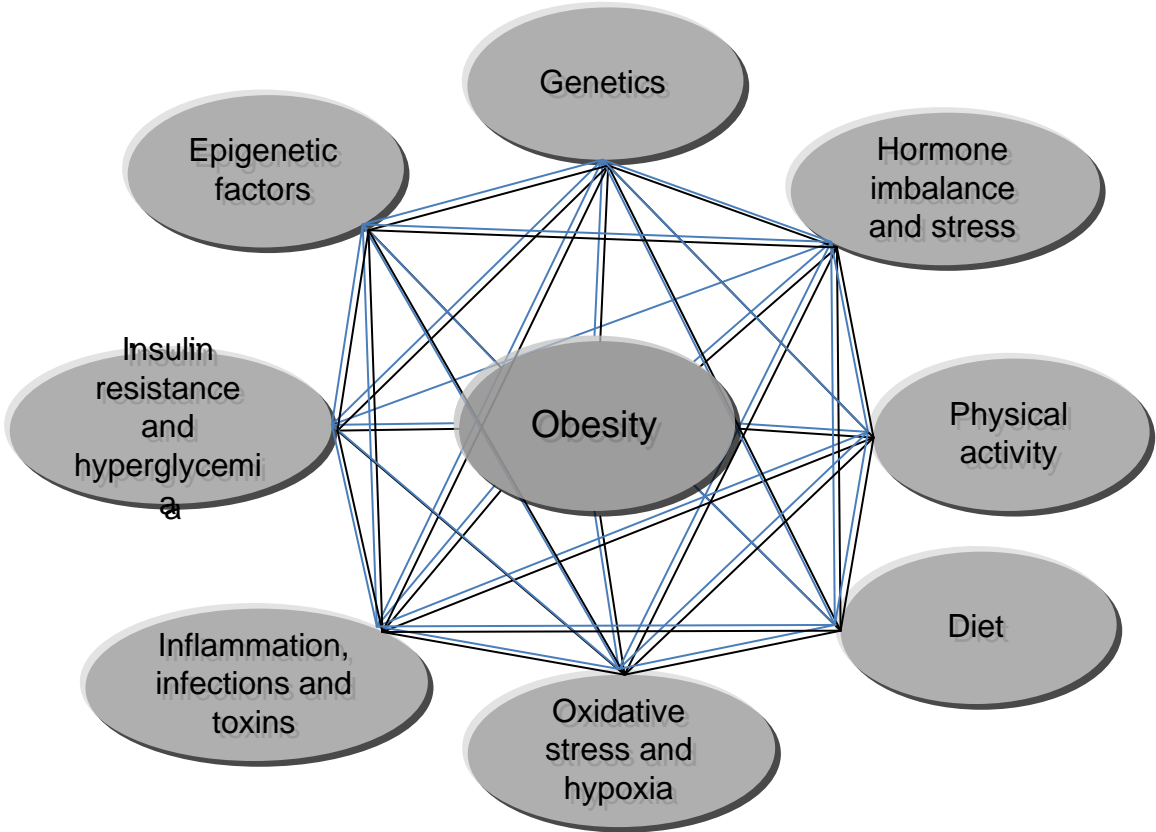


Figure 2.

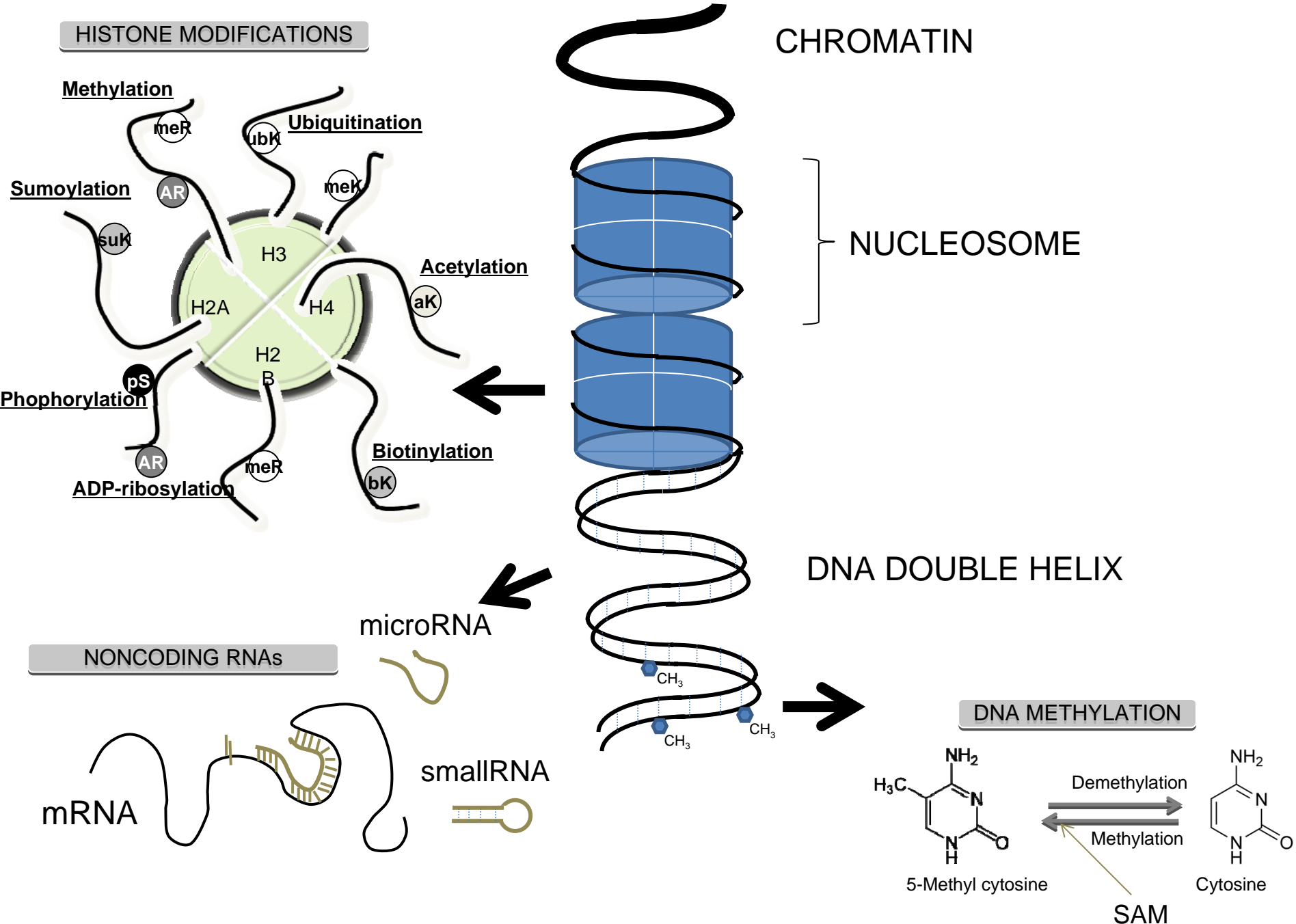
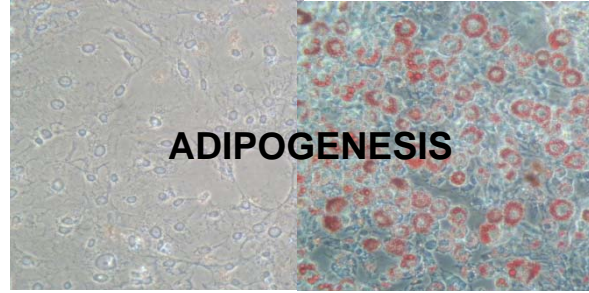


Figure 3.

**DIETARY FACTORS**

- PUFA
- Resveratrol
- Genistein
- Curcumin
- Organosulfur compounds



**METABOLIC FACTORS**

- Cytokines
- Oxidative stress
- Hypoxia
- Estrogens, Insulin, Glucocorticoids,...
- Endocrine disruptors

**EPIGENETIC DRUGS**

- Histone demethylases
- HDAC inhibitors

**DIETARY FACTORS**

- High fat diet
- Methyl donors
- Genistein
- Catechins
- Magnesium, chromium,...

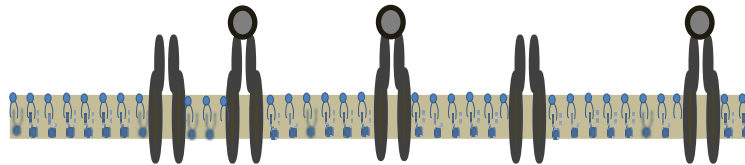
**PERINATAL EVENTS**

- Maternal diet
- Maternal adiposity and inflammation
- Maternal hormone imbalance and stress

**METABOLIC FACTORS**

- Free fatty acids
- Glucose
- Oxidative stress
- Cytokines
- Stress
- Sleep debt
- Lack of physical activity

**INSULIN RESISTANCE**



**EPIGENETIC DRUGS**

- HDAC inhibitors

Figure 4.

