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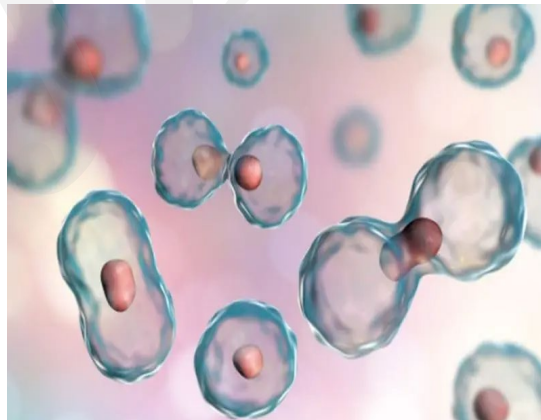
# **Roles of lncRNA in the diagnosis and prognosis of triple-negative breast cancer**

**Key words:** Triple-negative breast cancer (TNBC); LncRNA;  
Diagnosis; Prognosis; Chemotherapy resistance

# *Research Summary*

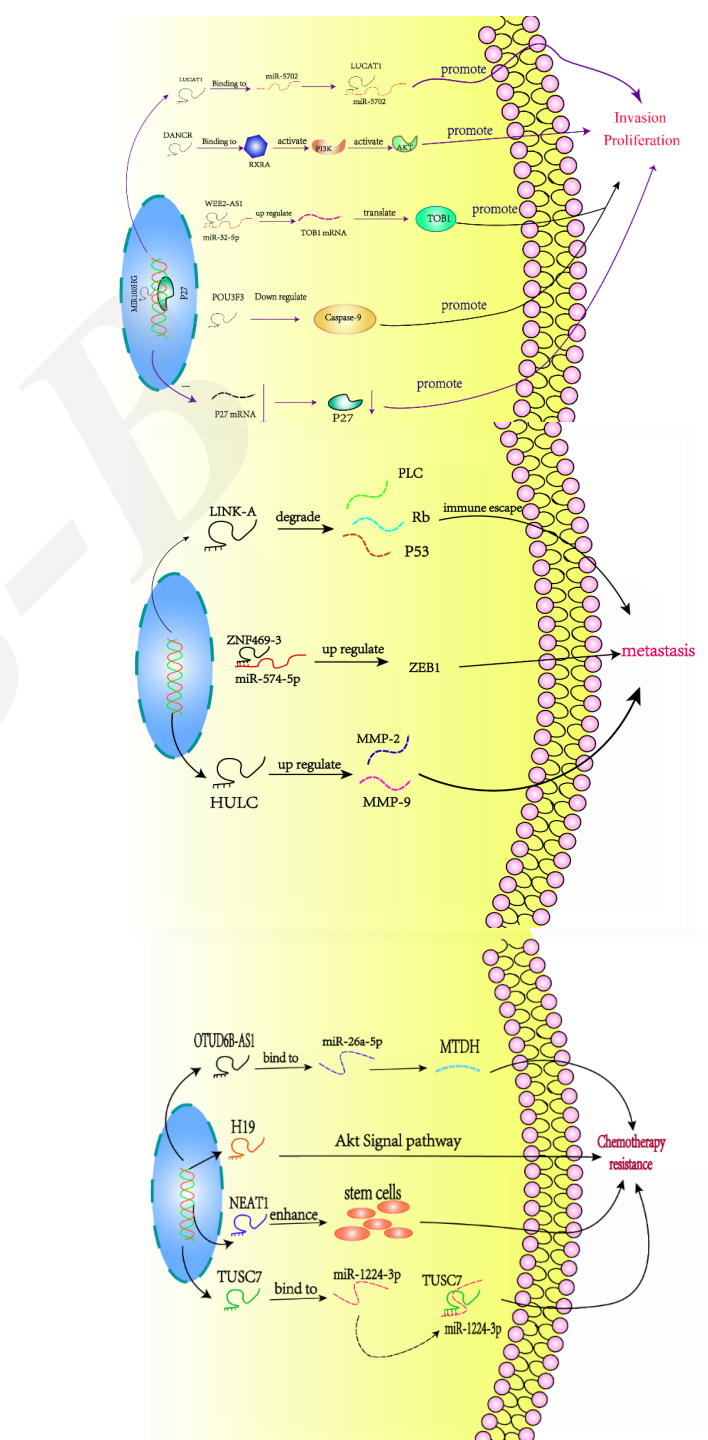
**This review mainly focuses on the role of lncRNA in the occurrence and development of TNBC, and summarized the key roles they played in the following aspects:**

- **LncRNA with diagnostic and prognostic functions**
- **LncRNAs that promote proliferation and invasion of TNBC cells**
- **LncRNAs that promote TNBC cell metastasis**
- **LncRNAs that inhibit the progression of TNBC**
- **The relationship between lncRNAs and chemotherapy resistance**
- **Immunotherapy**



# Innovation points

- **Introduce** the role of LncRNA in the occurrence and development of TNBC in recent years
- **Summarize** the effects of LncRNA on TNBC cell proliferation, invasion, migration, chemotherapy resistance, and immunotherapy.
- **Emphasize** the important role of LncRNA in the diagnosis, prognosis, and treatment of TNBC, it is expected to become a good biological marker and therapeutic target.



# ***Innovation points***

**A series of comprehensive tables were generated to summarize the latest knowledge about lncRNAs that related to TNBC.**

**Table 1 | LncRNAs related to the diagnosis of TNBC**

**Table 2 | LncRNAs related to the prognosis of TNBC**

**Table 3 | LncRNAs that promote the proliferation and invasion of TNBC cells**

**Table 4 | LncRNAs that promote TNBC cells metastasis**

**Table 5 | LncRNAs that inhibit the progression of TNBC**

**Table 6 | LncRNAs associated with TNBC chemotherapy resistance**