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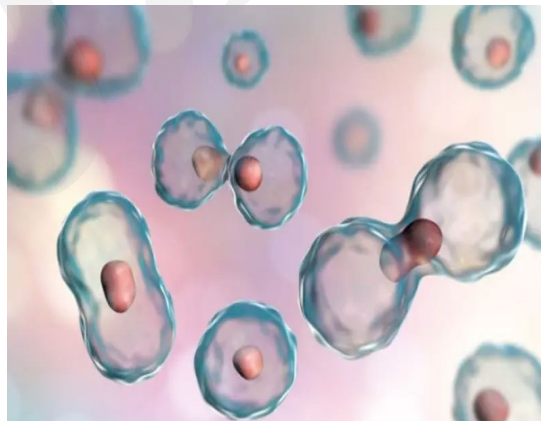
Roles of lncRNA in the diagnosis and prognosis of triple-negative breast cancer

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

Research Summary

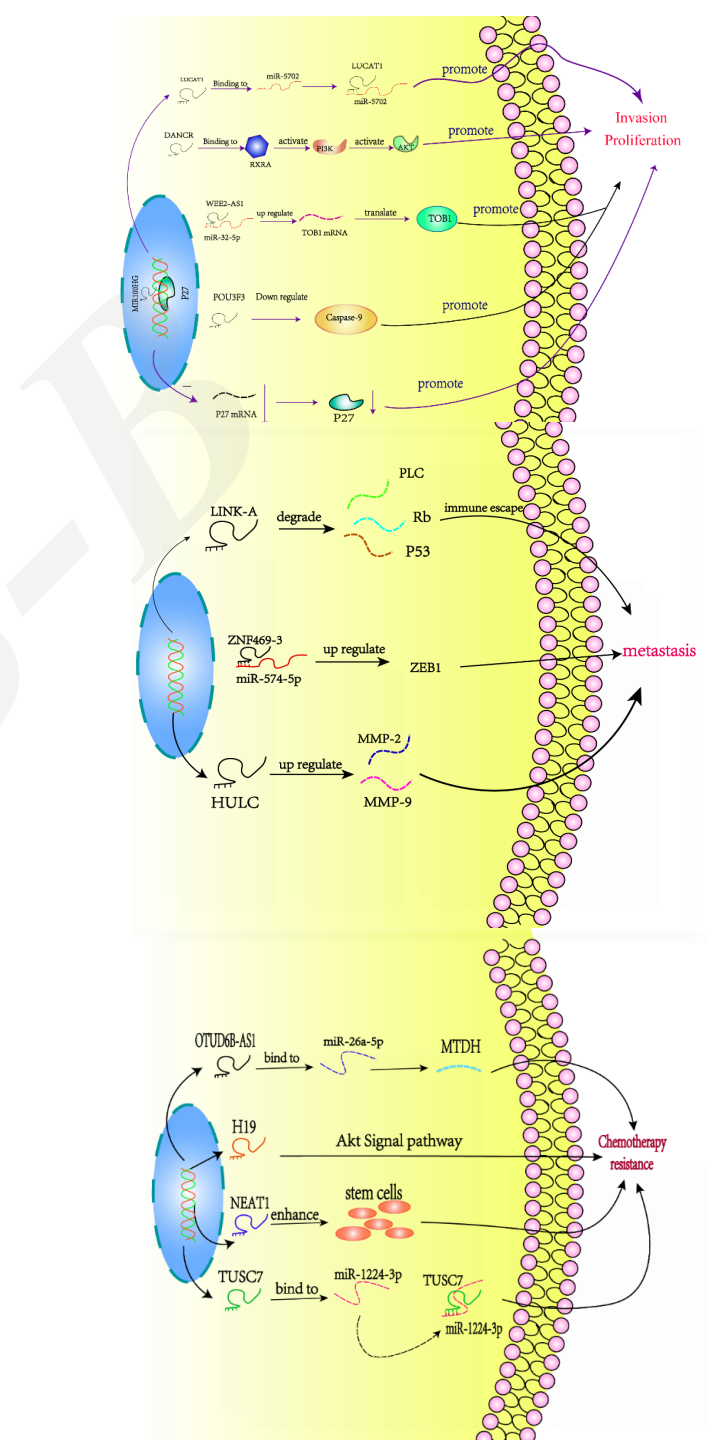
This review mainly focuses on the role of lncRNA in the occurrence and development of TNBC, and summarized the key roles they played in the following aspects:

- **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