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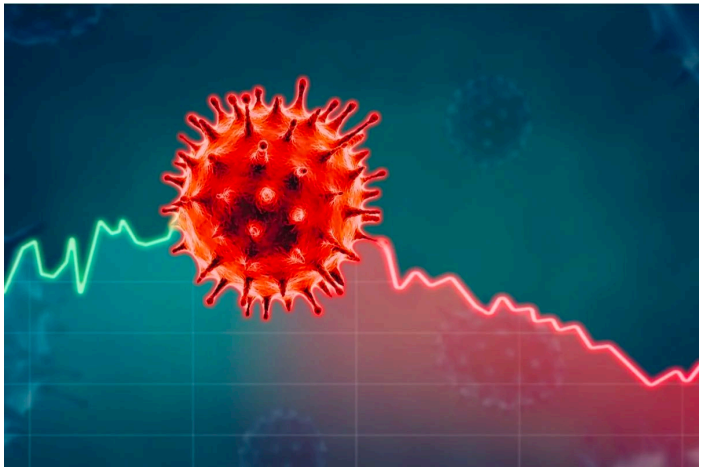
Evolution of the newest diagnostic methods for COVID-19: a Chinese perspective

Key words: SARS-CoV-2; COVID-19; Diagnosis; PCR; Immunoassay; Radiography

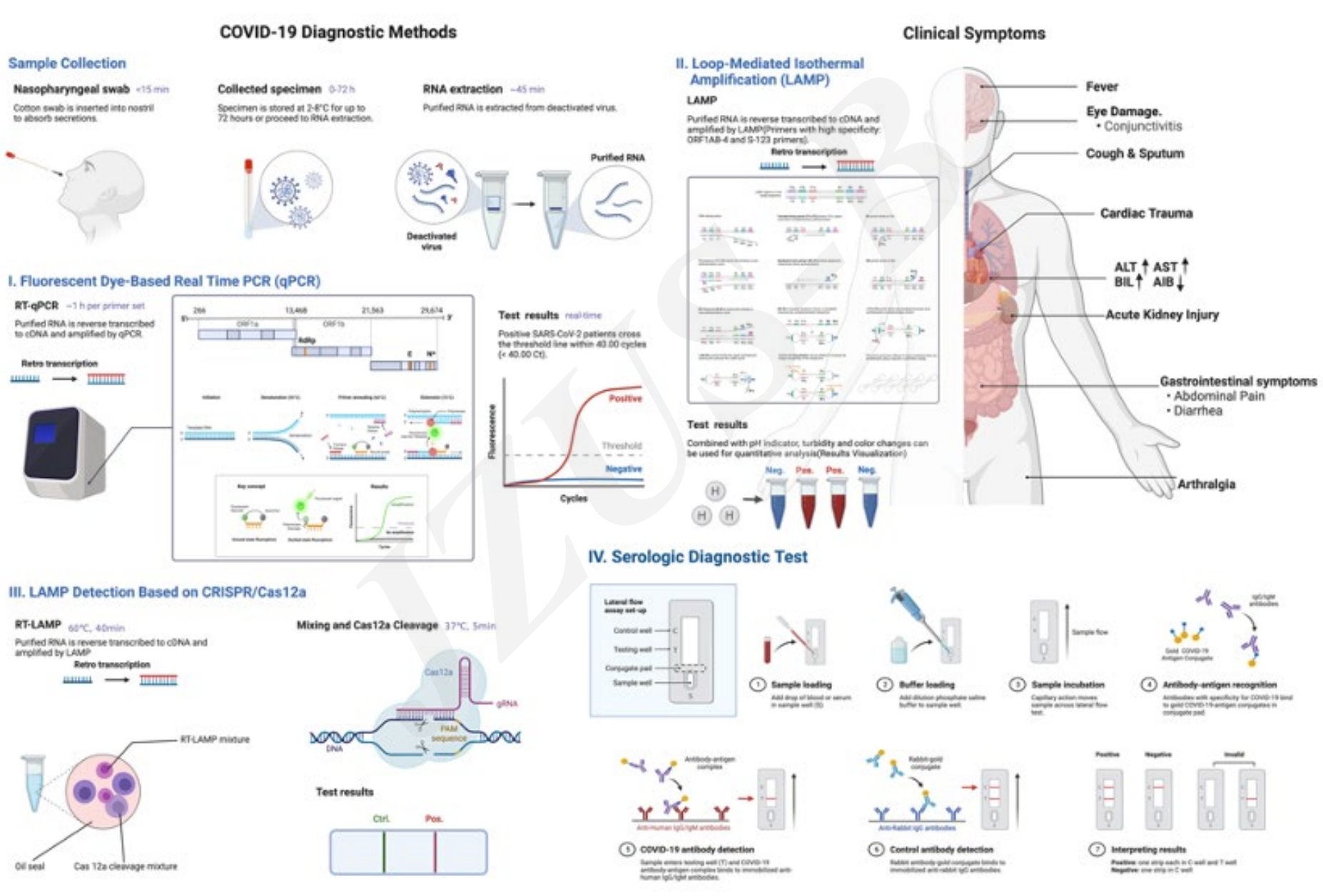
Research Summary

This review mainly focused on evolution of SARS-CoV-2 detection methods used in China and the experience gained along the way:

- **Clinical manifestation**
- **SARS-CoV-2 virus isolation**
- **Gene detection**
- **Immunodiagnosis**
- **Imaging diagnosis**



Schematics of common COVID-19 detection techniques



Innovation points

A series of comprehensive tables were generated to summarize the latest knowledge about CBX proteins.

Table 1 | Effects of knock down or overexpression of *Cbx* genes.

Table 2 | Phenotypes of *Cbx* KO mice and human patient with point mutations.

Table 3 | SUMOlyation substrates of CBX4.

Table 4 | Post translational modification of CBX proteins.

Table 5 | Cancers associated with aberrant expression of CBX proteins.