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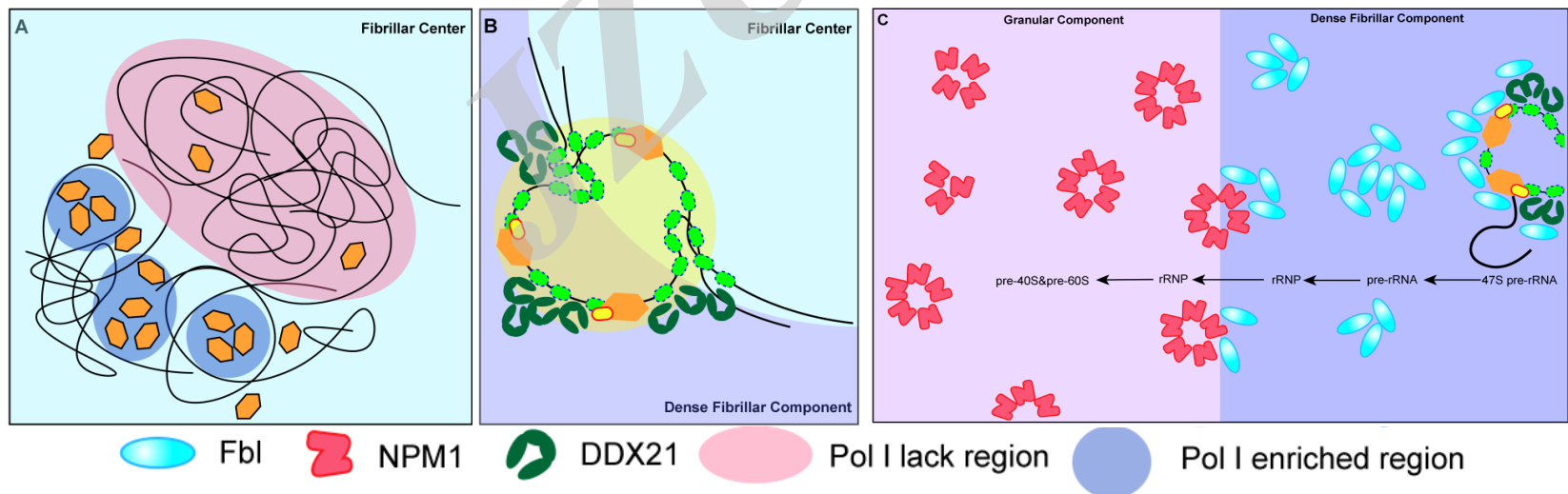
Mechanisms of ribosomopathy and phase separation-related ribosomopathy

Key words: Ribosome; Phase separation; Ribosomopathy; Tissue specificity

Summary

This review mainly focused on the following aspects of ribosomopathy:

- Ribosome biogenesis and ribosomopathy
- Tissue specificity of ribosomopathy
- Role of phase separation in ribosomopathy



Innovation points

A series of comprehensive figures and tables were generated to summarize the latest knowledge about ribosomopathy.

Figure 1 | Intra-nucleolar ribosome biogenesis process and associated ribosomopathies.

Figure 2 | Extra-nucleolar ribosome biogenesis process and associated ribosomopathies.

Figure 3 | Phase separation in the nucleolar organization and ribosome biogenesis.

Table 1 | Mechanisms of ribosomopathies.

Table 2 | Main affected areas of ribosomopathies.