## CHAPTER VI

The purposes of present study were to investigate and compare the viability and growth of the cultured human gingival fibroblasts grown under low and high intensity of static magnetic field and without the magnetic field for 3 and 7 days. The correlation (Spearman's rho) between the viability and growth of the cultured human gingival fibroblasts and the extent of magnetic field intensity were also investigated.

The conclusions of this research are presented as follows:

- 1. There was no significant difference between the viability and growth of the cultured human gingival fibroblasts grown under the static magnetic field and without the magnetic field.
- 2. There was no correlation between the viability and growth of the cultured human gingival fibroblasts and the extent of magnetic field intensity.

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