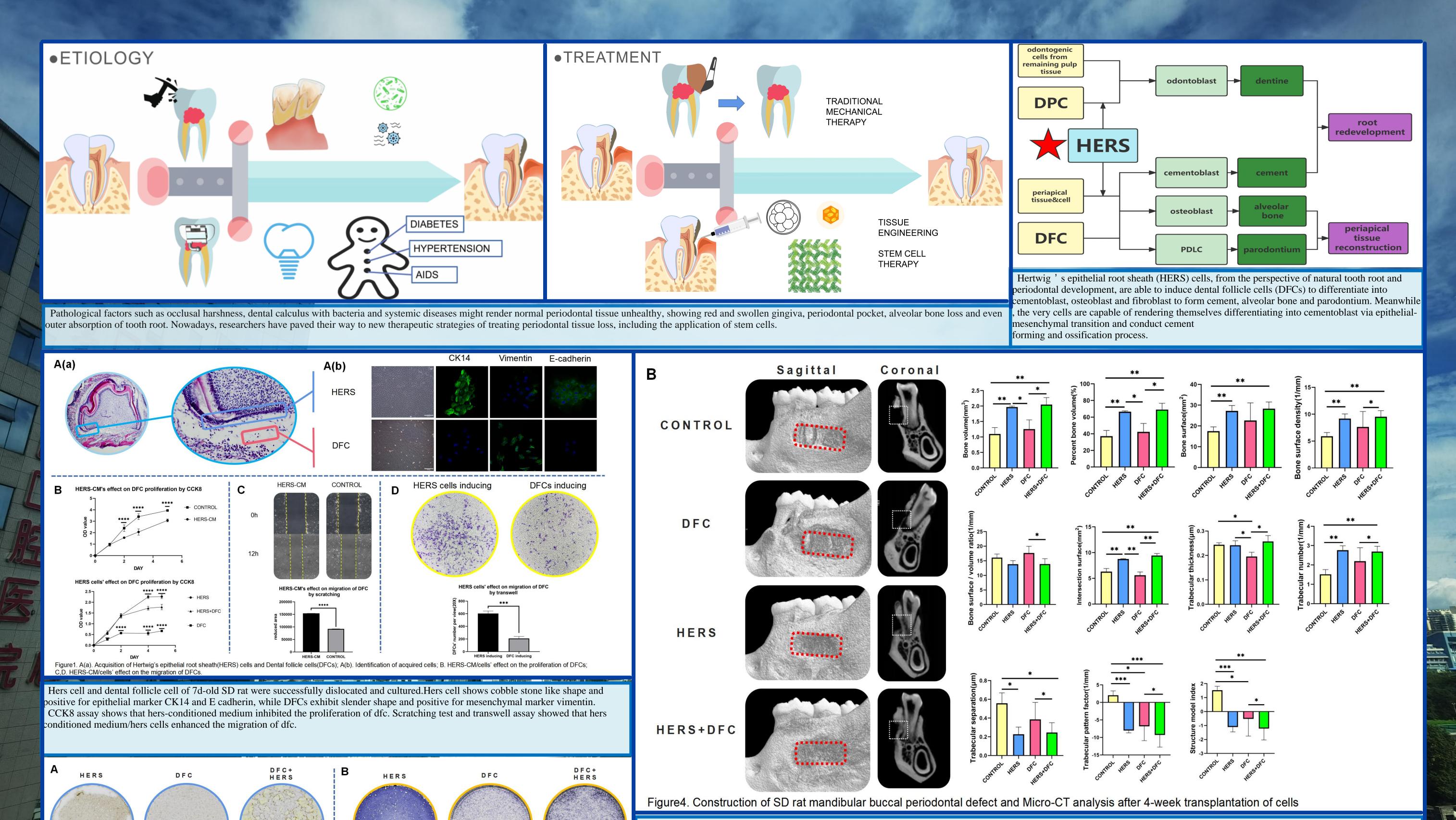
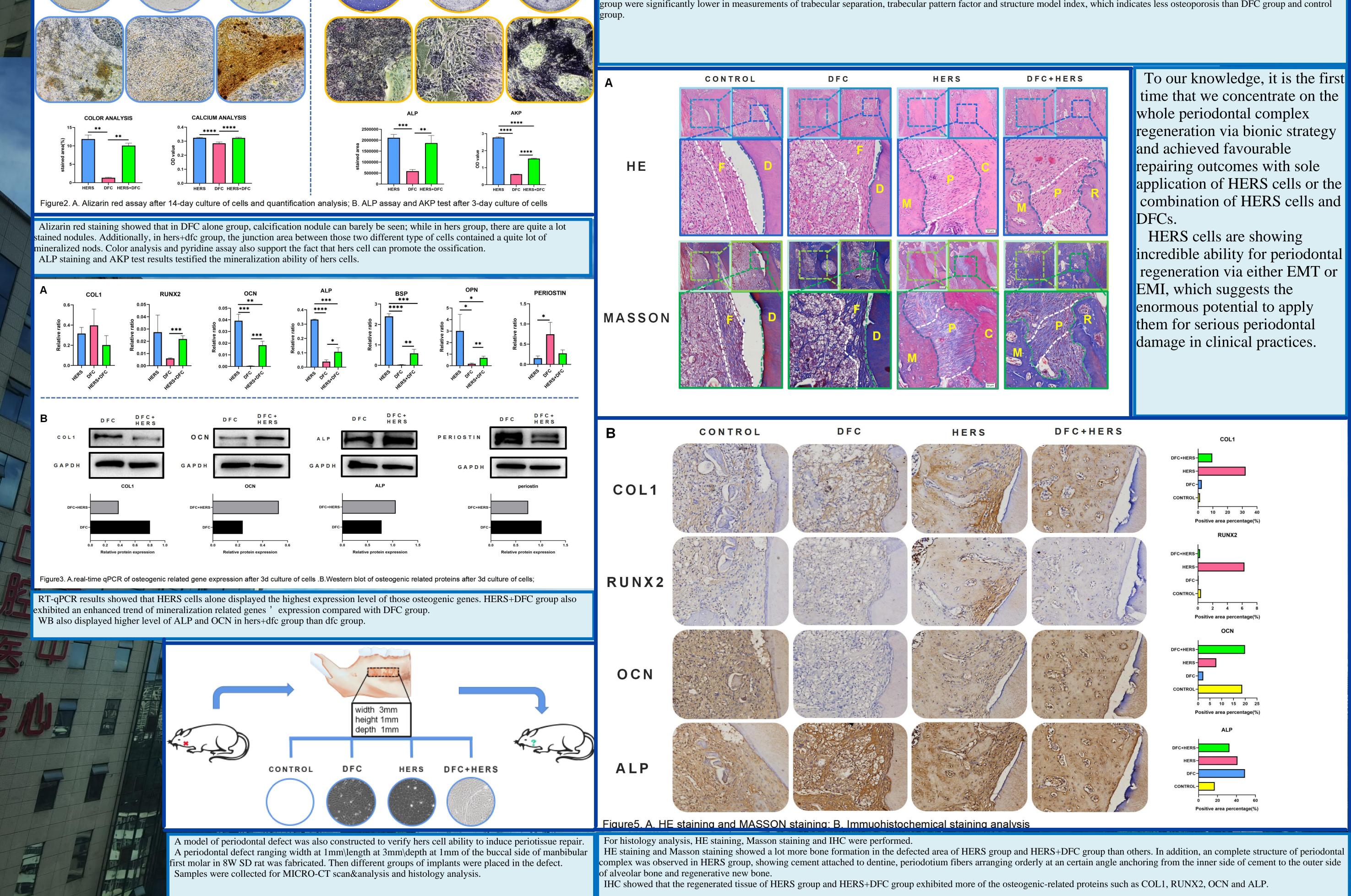
Hertwig's Epithelial Root Sheath Cells Show Potential for **Periodontal Complex Regeneration** Fei Bi, Weihua Guo*

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Micro CT results showed that HERS group and HERS+DFC group were significantly better in measurements of bone surface density, bone volume, percent bone volume, trabecular thickness and trabecular number, which means a better bone repair outcome than DFC group and control group. Furthermore, micro CT results showed that HERS group and HERS+DFC



time that we concentrate on the whole periodontal complex regeneration via bionic strategy repairing outcomes with sole application of HERS cells or the combination of HERS cells and

incredible ability for periodontal regeneration via either EMT or enormous potential to apply them for serious periodontal

group were significantly lower in measurements of trabecular separation, trabecular pattern factor and structure model index, which indicates less osteoporosis than DFC group and control