Supporting Information

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Ultrathin 2D Titanium Carbide MXene \((Ti_3C_2T_x)\) Nanoflakes Activate WNT/HIF-1\(\alpha\)-mediated Metabolism Reprogramming for Periodontal Regeneration

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Fig. S1. TEM images of hPDLCs incubated with Ti$_3$C$_2$Tx on day 7. The arrows indicate the internalized Ti$_3$C$_2$Tx.

Fig. S2. Relative protein levels of the osteogenic factors determined by western blots in hPDLCs stimulated with Ti$_3$C$_2$Tx on day 7.
Fig. S3. Real-time changes of the OCR in PDLSCs stimulated with Ti$_3$C$_2$Tx for 24 h.

*P<0.05, compared with Con.
Fig. S4. Representative histopathological images of the heart, liver, spleen, lungs and kidneys after exposure to Ti$_3$C$_2$Tx (60 and 180 mg/L). The organs represent all the treatment groups and the control as no abnormalities were detected in all the groups due to the exposure to Ti$_3$C$_2$Tx.