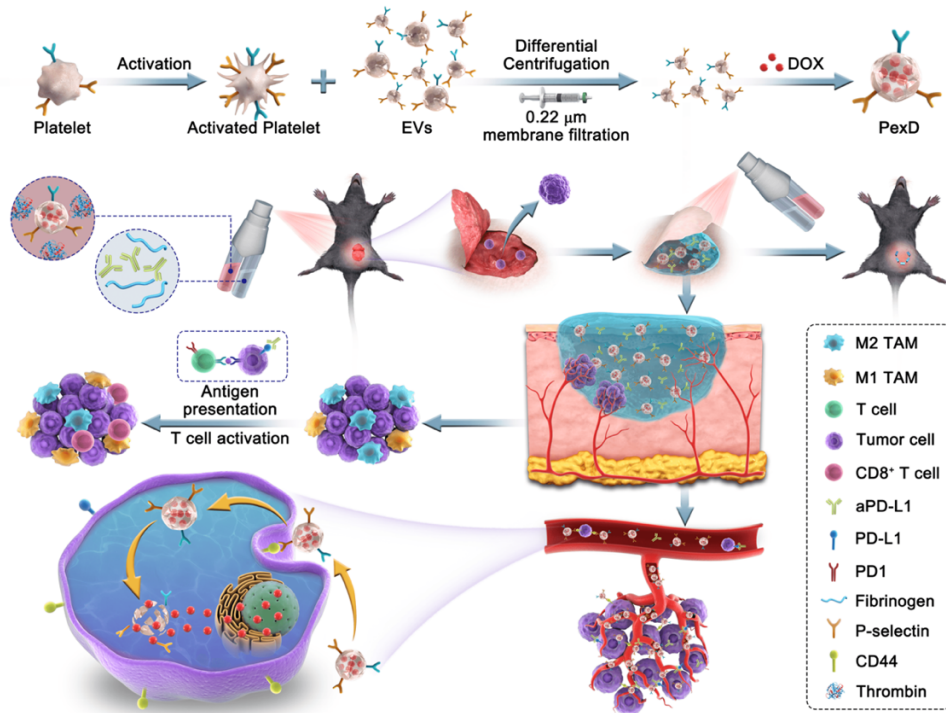




The schematic diagram showed a bioactive fibrin gel containing PexD biomimetic nanoparticles and aPD-L1 sprayed in situ in the tumour bed after surgery. Combining chemotherapy and immunotherapy to eliminate residual in situ tumour cells and capture circulating tumour cells prevents melanoma recurrence and metastasis.