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## [Cover Page]

**Investigating the effect of picosecond laser texturing on  
microstructure and biofunctionalization of titanium alloy**

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**Abstract**

Laser processing technique has been an effective method to enhance the medical implant's biocompatibility through forming specific textures on titanium alloy implant surface. In this paper, a 1064 nm pulsed picosecond laser on TC4 titanium alloy implant

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