## **Accepted Manuscript**

Vertically oriented ZrO<sub>2</sub>-TiO<sub>2</sub>-Nb<sub>2</sub>O<sub>5</sub>-Al<sub>2</sub>O<sub>3</sub> mixed nanopatterned bioceramics on Ti6Al7Nb implant assessed by laser spallation technique

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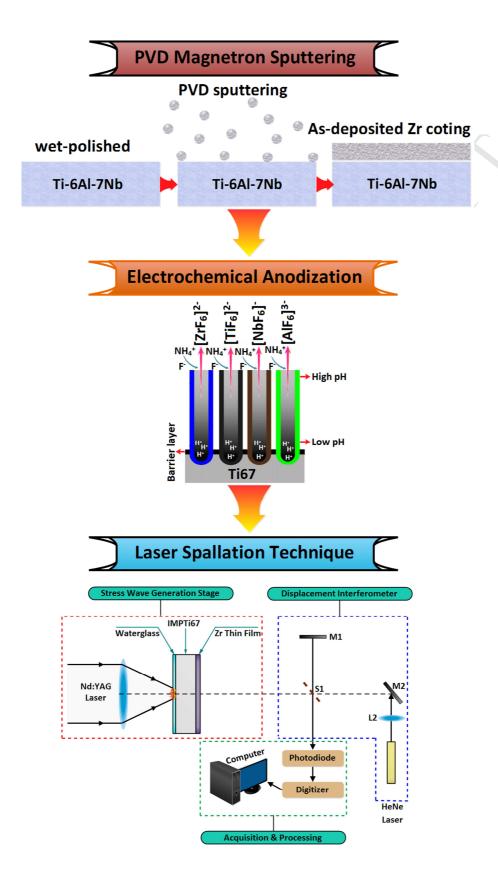
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## **Graphical Abstract**



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