

Supplementary Materials

Silicon Nitride Bioceramics Sintered by Microwave Exhibit Excellent Mechanical Properties, Cytocompatibility *In Vitro*, and Anti-Bacterial Properties

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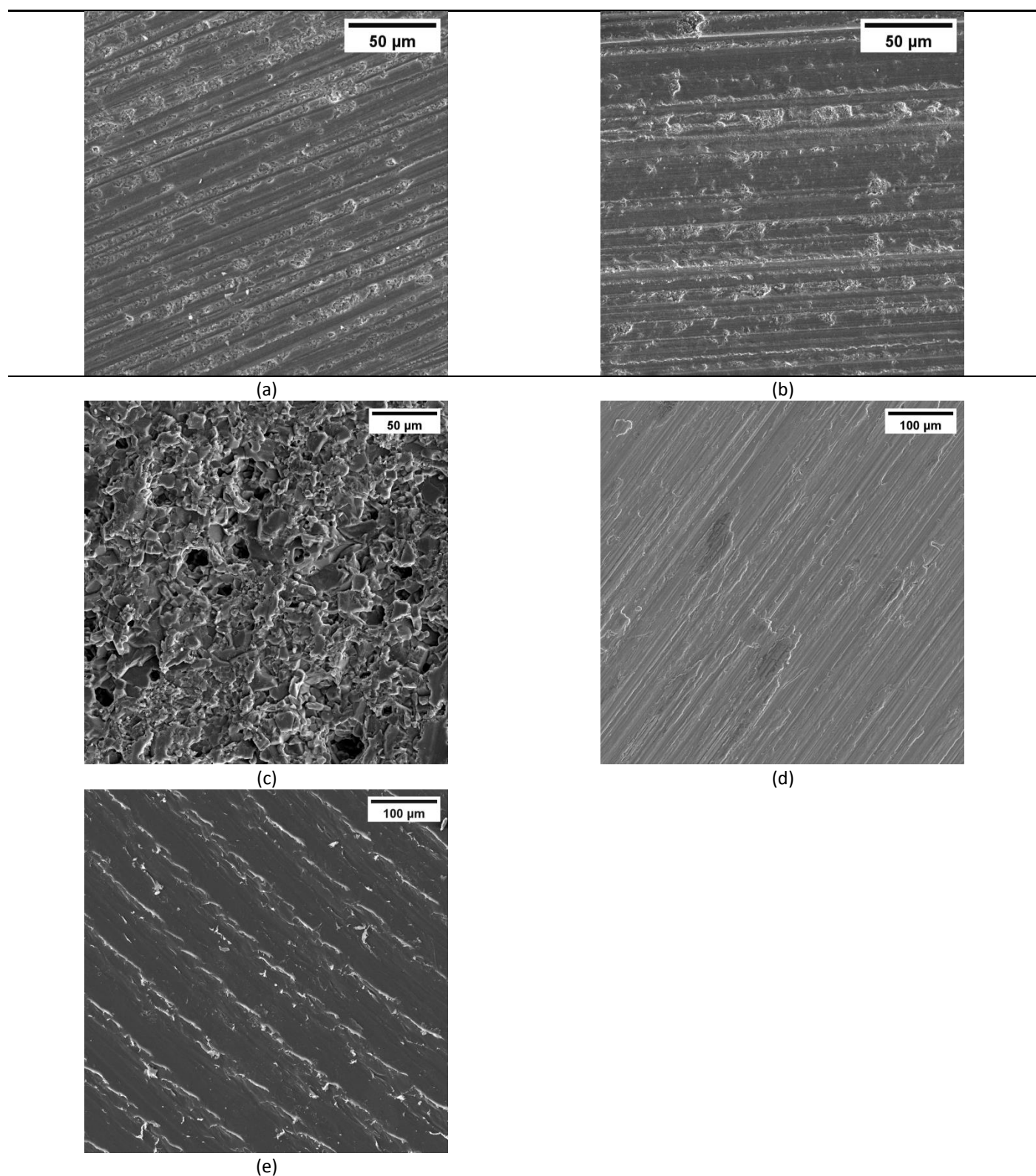


Figure S1. SEM images of materials surface (**a**: MS silicon nitride, **b**: GPS silicon nitride, **c**: alumina ceramic, **d**: titanium alloy, **e**: PEEK).

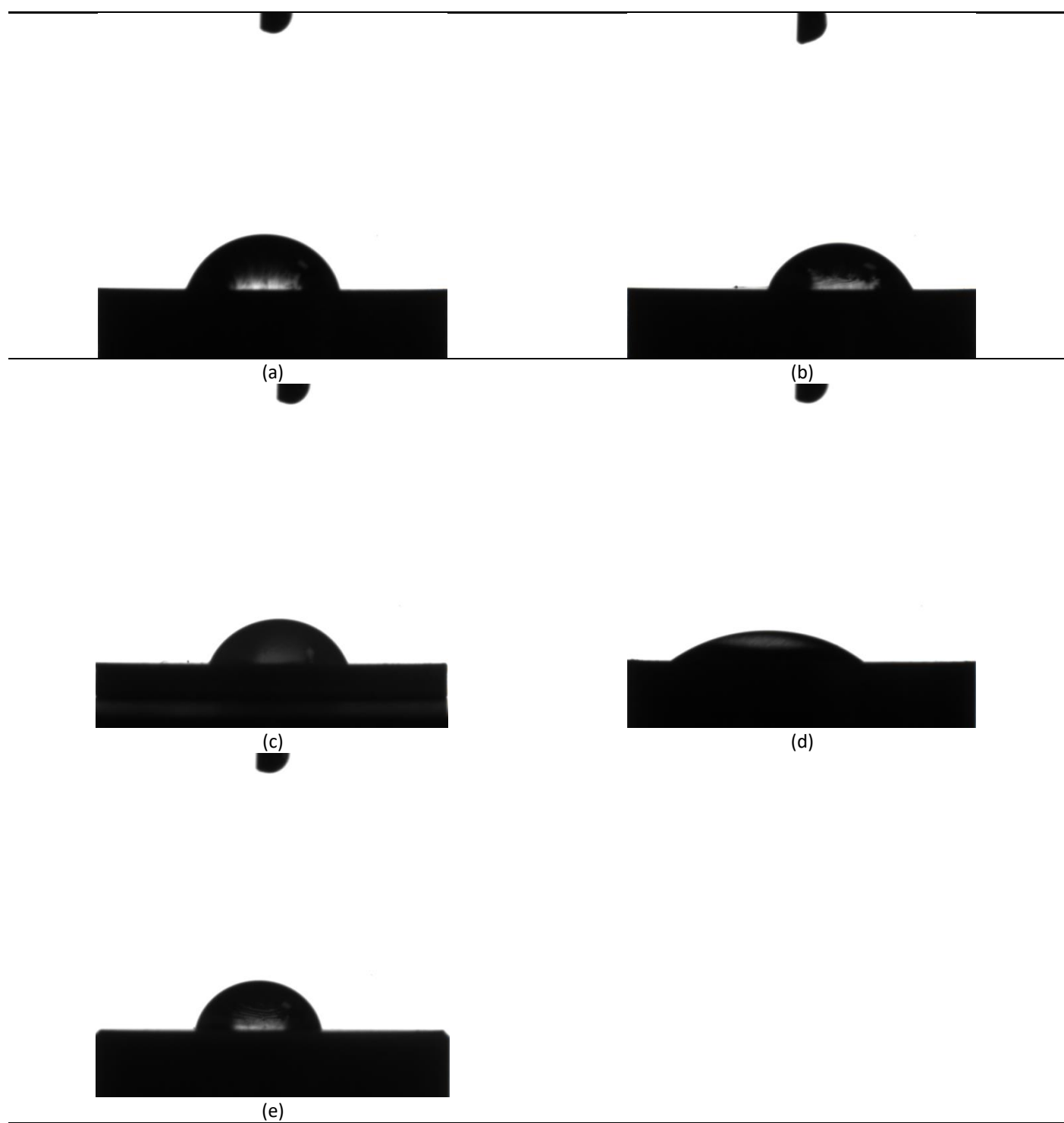


Figure S2. Wettability images of each material (**a**: MS silicon nitride, **b**: GPS silicon nitride, **c**: alumina ceramic, **d**: titanium alloy, **e**: PEEK).