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Physical vapor deposited titanium thin films for biomedical applications: reproducibility

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2 of nanoscale surface roughness and microbial adhesion properties 3 Running title: TiO thin films for biomedical applications 4 5 Claudia Lüdecke a,b, Jörg Bossert a, Martin Roth b, Klaus D. Jandt a,c, 6 7 8 ^a Chair of Materials Science (CMS), Faculty of Physics and Astronomy, Friedrich Schiller University 9 Jena, Löbdergraben 32, D-07743 Jena, Germany ^b Leibniz Institute for Natural Product Research and Infection Biology, Hans Knöll Institute (HKI), 10 11 Bio Pilot Plant, Beutenbergstraße 11a, D-07745 Jena, Germany 12 ^c Jena Center for Soft Mater, Friedrich Schiller University Jena, Jena, Germany 13 14 * Corresponding author. 15 Phone: +49-3641-947730 Fax: +49-3641-947732 16 17 E-mail address: k.jandt@uni-jena.de (K.D. Jandt)

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