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**Formation of aggregated nanoparticle spheres through femtosecond laser surface processing**Alfred T. Tsubaki<sup>a,c</sup>Mark A. Koten<sup>b</sup>Michael J. Lucis<sup>b</sup>Craig Zuhlke<sup>a</sup>Natale Ianno<sup>a</sup>Jeffrey E. Shield<sup>b</sup>Dennis R. Alexander<sup>a</sup><sup>a</sup>Department of Electrical and Computer Engineering, University of Nebraska-Lincoln, 844 N 16<sup>th</sup> St, Lincoln, Nebraska 68588, USA<sup>b</sup>Department of Mechanical and Material Engineering, University of Nebraska-Lincoln, 844 N 16<sup>th</sup> St, Lincoln, Nebraska 68588, USA<sup>c</sup>Corresponding Author. Email: alfredtsubaki@gmail.com Tel: 1(402)680-6243**Graphical abstract**

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