

Video on the Electrospray Pattern of a Simulated Solvent for "*Biodegradable PLGA Microsphere Formation Mechanisms in Electrosprayed Liquid Droplets*"

***Title of Manuscript**

Biodegradable PLGA Microsphere Formation Mechanisms in Electrosprayed Liquid Droplets

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***Keywords**

electrospray, emulsion solvent diffusion method, poly (lactic-co-glycolic acid), porous microparticle, nanosphere

***Data Description**

This video demonstrates the electrospray pattern of a simulated solvent according to the supplied voltage increased from 2.5 kV to 7.0 kV. At 2.5 kV, relatively large liquid droplets, which were assumed to be fragmented from a single Taylor cone, were observed. At the electric voltage higher than 3.5 kV, multiple Taylor cones were formed and the size of the liquid droplets decreased. (This is the same as the photo taken by the high-speed camera in Fig. 3 in the paper.)

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