Supplementary Materials:

Predictor packing in developing unprecedented shaped colloidal particles

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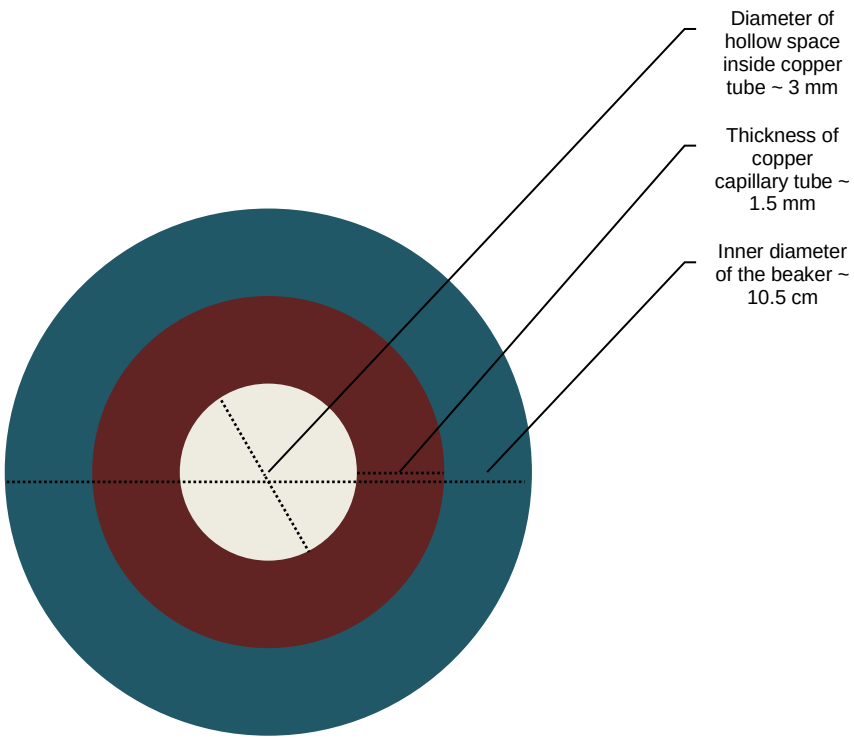

Figure S1: Internal diameter and thickness of copper capillary just placed over the solution surface (~ 4 mm above) in glass beaker having inner diameter 10.5 cm

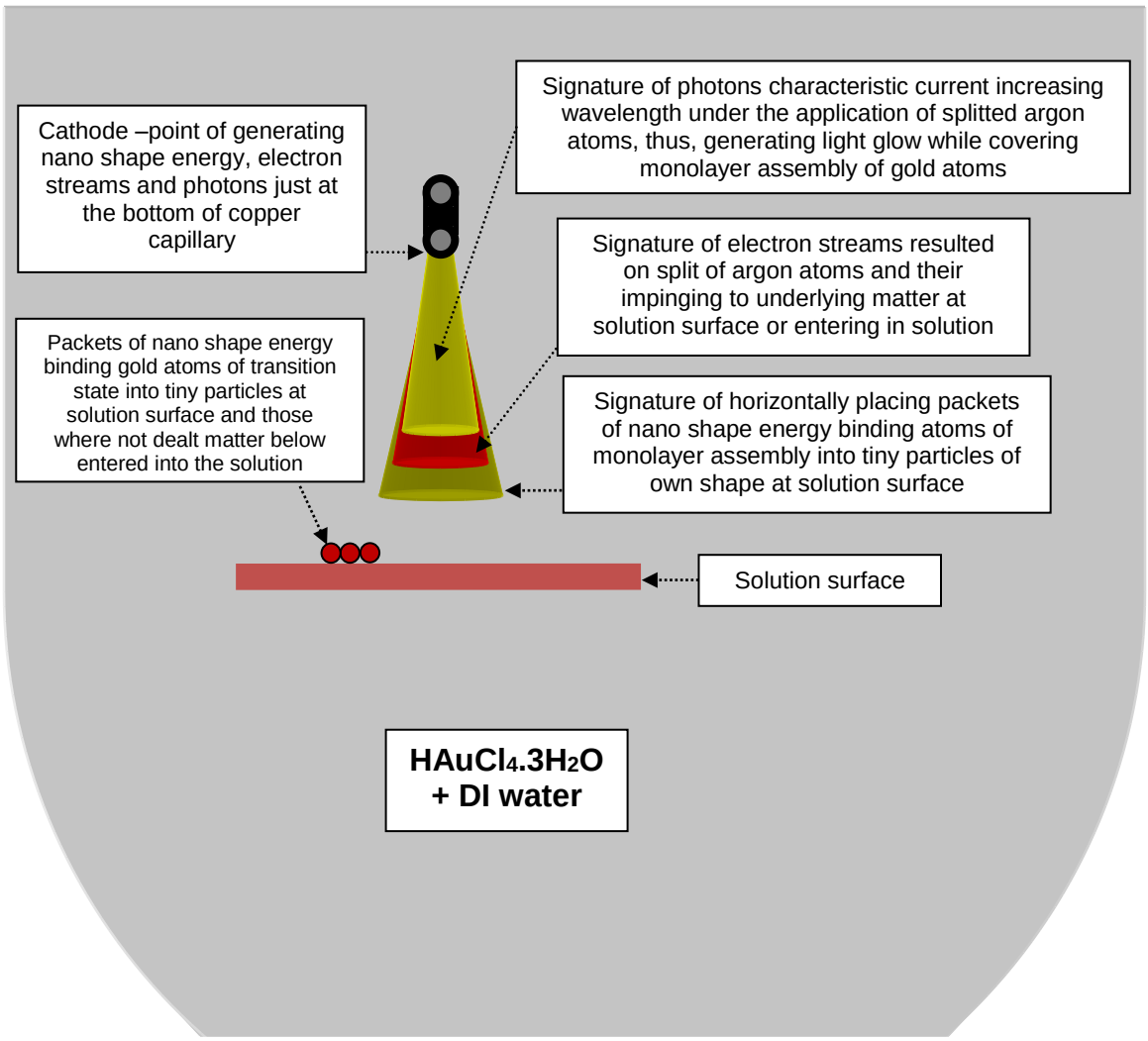

Figure S2: Signatures of nano shape energy, impinging electron streams and light glow including photons of varying wavelengths dealing monolayer assembly of gold atoms at solution surface

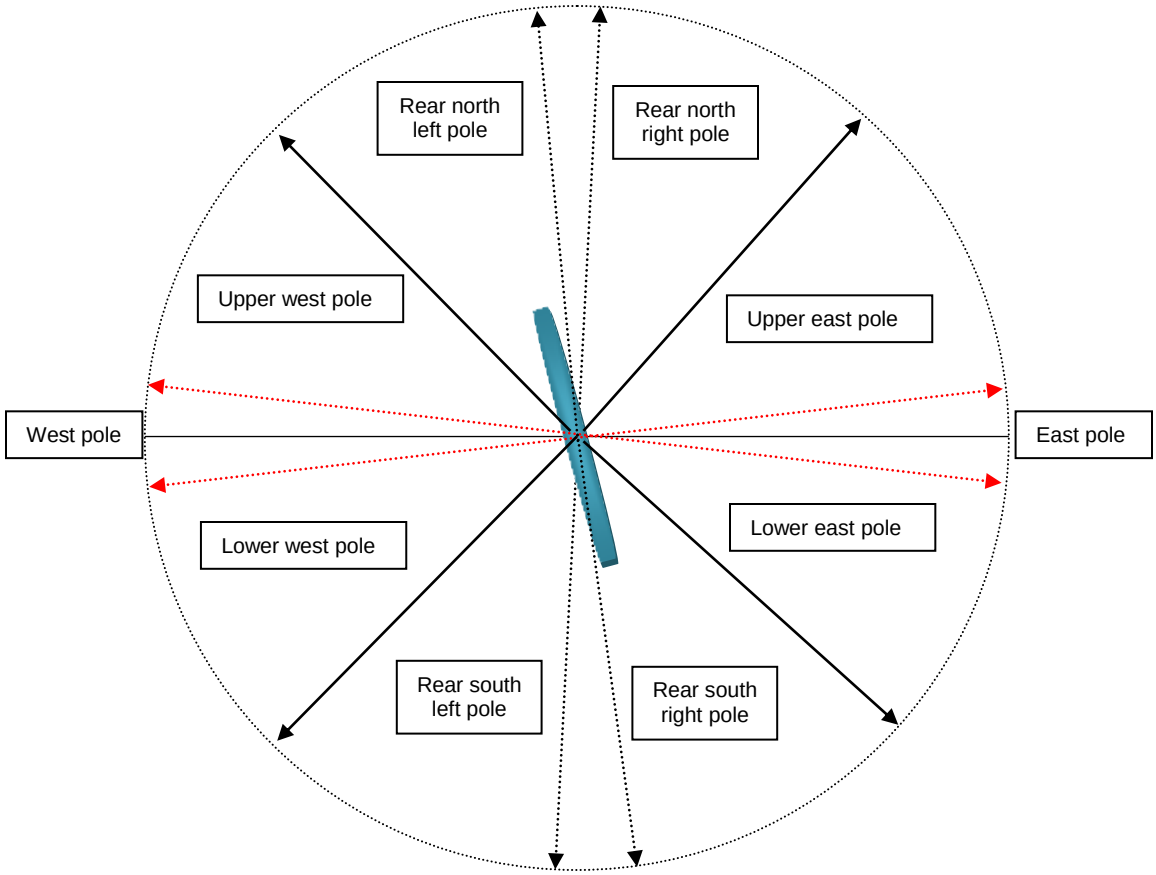

Figure S3: Approximate distribution of surface format axes with respect opposite poles along with zero-force axis where along the rear north and south poles low degree angles packing of triangular-shaped tiny particles take place resulting into develop their rod-/bar-shaped particles

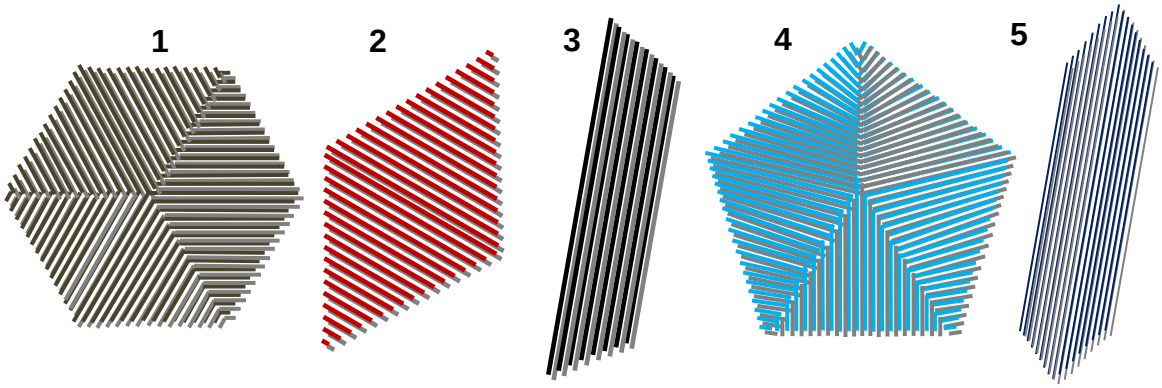

Figure S4: Different geometric anisotropic shaped particles developed under predictor packing of triangular-shaped tiny particles having structure of smooth elements on modifying their one-dimensional arrays of atoms; (1) hexagonal-, (2) rhombus-, (3) bar-, (4) pentagonal-, (5) rod-shaped particles