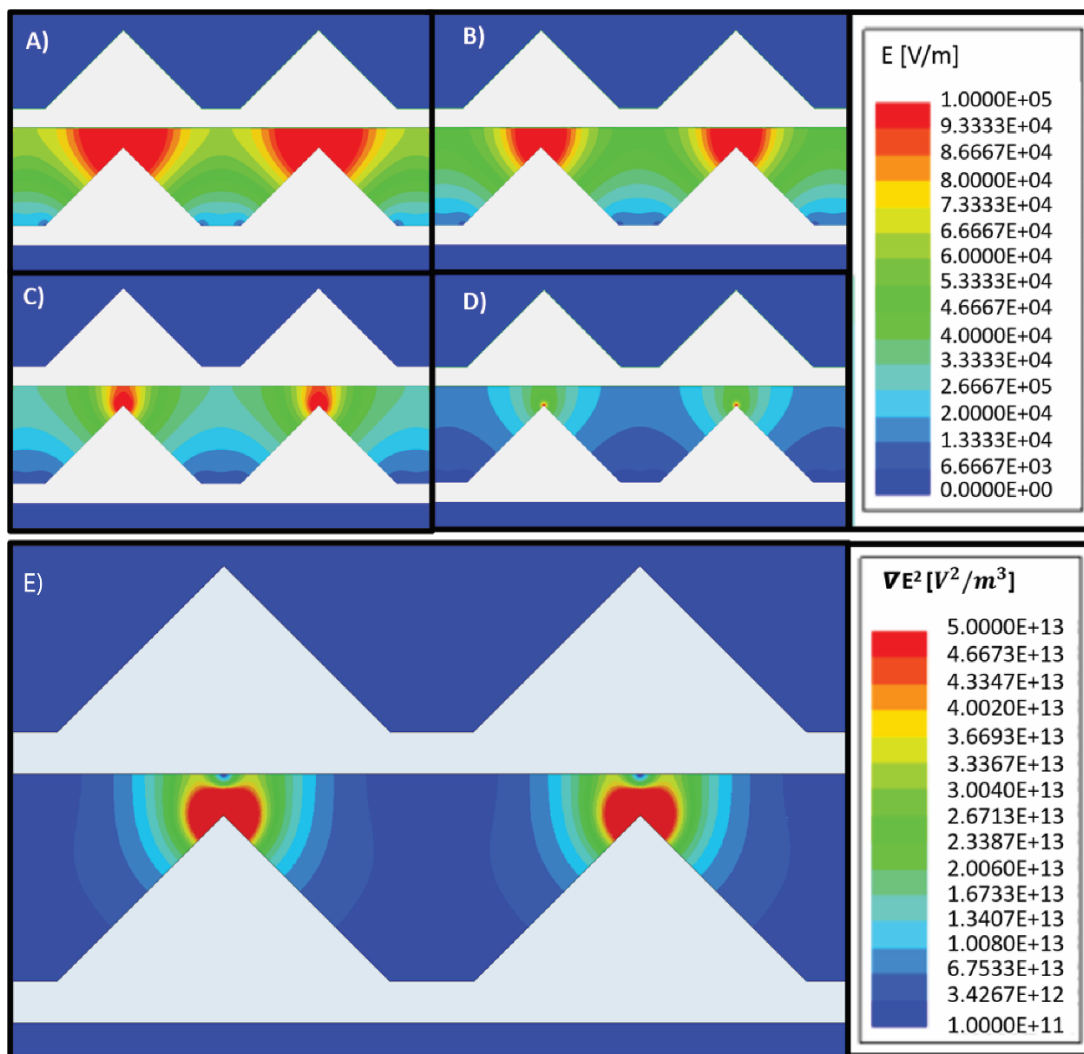


# Supplementary Materials: Highly Localized Enrichment of *Trypanosoma brucei* Parasites Using Dielectrophoresis

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**Figure S1.** Modeling of the electric field  $E$  for an array of triangular titanium electrodes (white geometries) with the same footprint than the semi-circular electrodes presented in the main text. Electrodes are modeled to be polarized using different voltages: (A) 20 V<sub>pp</sub> (B) 15 V<sub>pp</sub> (C) 10 V<sub>pp</sub> and (D) 5 V<sub>pp</sub>. The modeled media around electrodes was water with an electrical conductivity of 504  $\mu$ S/cm. (E) Modeling of  $\nabla E^2$  in the array of triangular titanium electrodes (white geometries) when polarized using 5 V<sub>pp</sub>. The modeled media around electrodes was water with an electrical conductivity of 504  $\mu$ S/cm.