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Prof David Hay Guest Editor JoVE video journal

Dear Prof Hay,

We submit for your consideration our manuscript entitled "Protocol for controlling electrospun polymer morphology for tissue engineering: assessment with hepG2 cell line" for publication in your methods collection: "Pluripotent stem cell differentiation, genome editing and tissue engineering." for the JoVE video journal.

In this methods article, we describe a protocol for fabricating electrospun polycaprolactone fibres with differing morphologies. This is offered for researchers to produce an array of scaffold morphologies on which they can conduct a baseline analysis on the influence of electrospun fibres on 3D cell cultures.

In summary, we have engineered six groups of electrospun scaffolds and provided a protocol for their fabrication. We have also included a representative study seeding hepG2 cells on the scaffolds. We look forward to your feedback and thank you for the opportunity to publish in JoVE video journal.

Best regards,

In Jan Olon