

**Dr Weiqi Li**  
BMed, MMed, PhD

School of Engineering and Materials Science  
Queen Mary University of London  
Mile End Road  
London E1 4NS

tel: +44 (0)20 7882 7821

email: wei-qi.li@qmul.ac.uk web: www.sems.qmul.ac.uk/wei-qi.li

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## 2021

**The role of actomyosin in the regulation of syndecan-1 in hyperosmosis.**

Li W and Wang W. *Biochimica Et Biophysica Acta - General Subjects* vol. 1865, (10).

**Hyaluronan (HA) Immobilized on Surfaces via Self-Assembled Monolayers of HA-Binding Peptide Modulates Endothelial Cell Spreading and Migration through Focal Adhesion.**

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## 2020

**Disordered protein-graphene oxide co-assembly and supramolecular biofabrication of functional fluidic devices.**

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## 2019

**Membrane tension regulates syndecan-1 expression through actin remodelling.**

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**Mimicking the endothelial glycocalyx through the supramolecular presentation of hyaluronan on patterned surfaces.**

Pang X, Li W, Landwehr E, Yuan Y, Wang W and Azevedo HS. *Faraday Discuss.*

## 2018

**Cobalt ions stimulate a fibrotic response through matrix remodelling, fibroblast contraction and release of pro-fibrotic signals from macrophages.**

Xu J, Nyga A, Li W, Zhang X, Gavara N, Knight MM and Shelton JC. *European Cells and Materials* vol. 36, 142-155.

## 2017

**Structural alteration of the endothelial glycocalyx: contribution of the actin cytoskeleton.**

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## 2015

**3D imaging of cell interactions with electrospun PLGA nanofiber membranes for bone regeneration.**

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