

**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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## 2023

### **Advances in AIbased cancer cytopathology.**

Yang Y, Guan S, Ou Z, Li W, Yan L and Situ B. *Interdisciplinary Medicine* vol. 1, (3). Wiley.

## 2021

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

Li W and Wang W. *Bba - General Subjects* vol. 1865, (10).Elsevier.

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

Pang X, Li W, Chang L, Gautrot JE, Wang W and Azevedo HS. *Acs Applied Materials and Interfaces* vol. 13, (22) 25792-25804.American Chemical Society.

## 2020

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

Wu Y, Wang W, Mata A, Pugno N, Azevedo H, Karabasov S and Titirici M-M. *Nature Communications.Nature Research (Part of Springer Nature)*.

## 2019

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

Li W and Wang W. *Biochim Biophys Acta Gen Subj* vol. 1863, (11) 129413-129413.

### **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.**

Li W and Wang W. *Biomech Model Mechanobiol*.

## 2015

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

Stachewicz U, Qiao T, Rawlinson SCF, Almeida FV, Li W-Q, Cattell M and Barber AH. *Acta Biomaterialia* vol. 27, 88-100.Elsevier/Science Direct.

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2014

**Converging Parallel Plate Flow Chambers for Studies on the Effect of the Spatial Gradient of Wall Shear Stress on Endothelial Cells.**

Lu\$y.lu@derby.ac.uk\$School of Engineering and Technology Y, University of Derby , Derby , Science UW-QLSOEAM, Mary , University of London , London , Oraifige\$School of Engineering and Technology UI, University of Derby , Derby , Science UWWSOEAM, Mary , University of London and London. *Journal of Biosciences and Medicines* vol. 02, (02) 50-56. *Scientific Research Publishing*.