

# 28<sup>th</sup> UK Adhesion Society Meeting 2016

## ***“The Force is Awake: Integrins and beyond”***

**September 22, 2016**

University College London  
Darwin Building, London WC1E 6BT

**10.00 Registration & Coffee and Poster setup**

**10.20 Welcome**

10.30 **Martin Humphries**, University of Manchester  
*How adhesion complexes are remodelled prior to mitosis*

### Leukocytes

11.00 **Robert Beal**, Queen Mary University of London  
*JAM-C deficiency primes endothelial cells for a pro-inflammatory state*

11.15 **Silvia Dragoni**, UCL Institute of Ophthalmology  
*Endothelial cell MAP kinases induce an inflammatory state and mediate VE-cadherin internalisation during lymphocyte transmigration*

11.30 **Andy Newman**, Cardiff School of Medicine  
*The regulation of L-selectin activity by proteolysis*

11.45 **Myriam Chimen**, University of Birmingham  
*Differtinal capacity of monocytes subsets to form foam cells in the healthy and patients with arterial disease*

### Integrin signalling

12.00 **Dr Susanna Fagerholm**, University of Helsinki  
*Beta2-integrins in immunity: new roles for old players*

**12.30 Lunch & Poster Viewing**

14.15 **Samuel Atkinson**, University of East Anglia  
*The role of integrin beta 3 in the endothelial cell adhesome*

14.30 **Ioannis Xanthis**, University of Sheffield  
*Calcium signalling in endothelial cells exposed to flow involves mechanical activation of  $\beta$ 1-integrins*

14.45 **Ben Goult**, University of Kent

*Emerging role for talin as a mechanosensitive signalling platform*

15.00 **Koval Smith**, Imperial College London

*The Jedi and the Force collide: vWF regulates synthesis of angiopoietin-2 via a  $\beta 3$  integrin pathway*

#### Cancer

15.15 **Jim Norman**, University of Glasgow

*A role for Ephrin receptor trafficking in cell:cell repulsion and pancreatic cancer metastasis*

15.45 **Tea Break**

16.05 **Esther Castellano**, Bart Cancer Institute, QMUL

*RAS-PI3K signalling regulates cell adhesion in lung tumours*

16.20 **Dylan Edwards**, University of East Anglia

*ADAMTS metalloproteinases regulate mammary cancer cell adhesion and migration via Syndecan-4*

16.35 **Victoria Juskaite**, Imperial College London

*Collagen induces activation of DDRS through lateral association of receptors*

16.50 **Pernille Sogaard**, University of Oxford

*Signalling through the collagen receptor, DDR1, is required for epithelial polarisation and morphological remodelling in 3D matrices*

17.05 **Erik Sahai**, The Francis Crick Institute

*Stromal fibroblasts, the ECM, and cancer progression*

17.35 **Concluding Remark and Poster Prize**

**Drinks and tapas.**

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