

## **BSMB Satellite Symposium: "Tendon Biology and Pathology"**

**8<sup>th</sup> September 2010, University of East Anglia, Norwich  
(Thomas Paine Study Centre – Conference Room 1.5)**

### **Programme**

**08.30: Registration Open**

**08.50: Welcome/Opening Remarks: [Graham Riley](#)**

#### **Session 1: Growth and development of tendon**

**Chair: [Andrea Munsterberg](#) (Norwich)**

**09.00: [Ronen Schweitzer](#) (Oregon) 'Genetic analysis reveals the modular nature of limb tendon differentiation and matrix assembly'**

**09.40: [Mohammad Hajhosseini](#) (Norwich) 'FGFs in tendon development'**

**10.00: [Elizabeth Canty-Laird](#) (Liverpool) 'Collagen fibril formation in developing tendon'**

**10.20: [Chloé Yeung](#) (Manchester) "Discovery of Arhgap28, a GTPase activating protein involved in tendon tissue formation"**

**10.45: Refreshment Break – Room 1.4**

#### **Session 2: Mechanobiology of tendon and its adaptation to mechanical load**

**Chair: [Ian Clark](#) (Norwich)**

**11.15: [Mads Kongsgaard](#) (Copenhagen) 'Human tendon adaptation'**

**11.55: [Mark Thompson](#) (Oxford) 'Mechanobiology of tendon in health and disease'**

**12.15: [Eleanor Jones](#) (Norwich) 'Strain regulation of metalloproteinases in human tenocytes'**

**12.45: Lunch**

### **Session 3: The molecular pathophysiology of tendinopathy**

**Chair: Graham Riley** (Norwich)

14.00: **Chavaunne Thorpe** (London) 'High-strain tendons repair less frequently- implications for our Achilles heel'

14.20: **Kinley Smith** (Glasgow) 'The role of elastin in cruciate ligament disease'

14.40: **Sarah Alyouha** (Manchester) 'A mechanism to explain the acellular zones in injured tendons'

15.00: **Raewyn Poulson** (Oxford) 'Oxidative stress and the role of forkheads in tendon degeneration'

15.25: **Refreshment Break – Room 1.4**

### **Session 4: Latest developments in the treatment of tendinopathy**

**Chair: Simon Donell** (Norwich)

16.00 **Nicola Maffulli** (London) 'Therapy of tendinopathy'

16.20 **Hazel Screen** (London) 'A novel scaffold material for tendon tissue engineering'

16.40 **Roger Smith** (London) 'Does cell therapy have a role in the treatment of tendinopathy?'

17:00 **Closing Remarks/End of symposium`**

19.30 **Conference Dinner**