

General topics

Chair

Bruce Caterson (University of Cardiff, UK)

Monday 2 April 2007

11:00-12:50 **Registration**

12:50-13:00 **Dave Buttle** (University of Sheffield, UK)

Welcome

13:00-13:40 **Geoff Laurent** (University College London, UK)

The regulation of matrix turnover: fibroblasts, forces, factors and fibrosis

[Speaker Abstract](#)

13:40-14:10 **Selected oral communication - Ann Canfield** (University of Manchester, UK)

The serine protease HtrA1 regulates physiological and pathological matrix mineralization

[Speaker Abstract](#)

14:10-14:40 **Selected oral communication - Anthony Day** (University of Manchester, UK)

The molecular basis of inter- α -inhibitor heavy chain transfer onto hyaluronan

[Speaker Abstract](#)

14:40-15:10 **Selected oral communication - Marie Plainfosse** (University of Sheffield, UK)

Influence of the extracellular matrix on the mechanical properties of tissue engineered cartilage

[Speaker Abstract](#)

15:10-15:30 **Coffee/tea break, poster viewing and trade exhibition**

Intervertebral Disc

Chair

Tony Freemont (University of Manchester, UK)

Monday 2 April 2007

15:30-16:10 **Judith Hoyland** (University of Manchester, UK)

Matrix synthesis & degradation in human intervertebral disc degeneration

[Speaker Abstract](#)

16:10-16:40 **Selected oral communication - Eustace Johnson** (Robert Jones & Agnes Hunt Orthopaedic Hospital, UK)

The influence of nutrient supply on the growth kinetics of intervertebral disc cells

[Speaker Abstract](#)

16:40-17:10 **Selected oral communication - Siyuan Li** (Cardiff University, UK)

Age-related changes of cytoskeletal composition: a preliminary study of the role of cytoskeleton in intervertebral disc degeneration

[Speaker Abstract](#)

17:10-18:10 **Fell-Muir Prize Lecture: Emeritus Professor Michael Grant** (University of Manchester, UK)

From collagen chemistry towards cell therapy - a personal journey

18:40-19:30 **Drinks reception and poster session**

Turnover in the CNS

Chair

Nicola Woodroffe (Sheffield Hallam University, UK)

Tuesday 3 April 2007

9:00-9:40 **Uwe Rauch** (Lund University, Sweden)

Brain matrix: structure, turnover and necessity

[Speaker Abstract](#)

9:40-10:10 **Selected oral communication - Jon Friedland** (Imperial College London, UK)

Astrocyte-leucocyte interactions and the mechanisms regulating matrix degradation in CNS tuberculosis

[Speaker Abstract](#)

10:10-10:40 **Selected oral communication - Elena Ganea** (Romanian Academy, Romania)

Bovine brain matrix metalloproteinases; detection and inhibition

[Speaker Abstract](#)

10:40-11:10 **Selected oral communication - Gail Haddock** (Sheffield Hallam University, UK)

Changes in brain expression of Chondroitin Sulphate Proteoglycans (CSPGs) following transient middle cerebral artery occlusion in the rat

[Speaker Abstract](#)

11:10-11:40 **Coffee/tea break, poster viewing and trade exhibition**

Fibroses

Chair

Cay Kielty (University of Manchester, UK)

Tuesday 3 April 2007

11:40-12:20 **Jack Gauldie** (McMaster University, Canada)

TGF β and Smad3 link Matrix expression and progressive fibrosis

[Speaker Abstract](#)

12:20-12:50 **Selected oral communication - Shazia Chaudhry** (University of Manchester, UK)

Fibrillin-1 regulates the bioavailability of TGF α

[Speaker Abstract](#)

12:50-13:20 **Selected oral communication - Folashade Kassim** (Lagos State University, Nigeria)

Biochemical evaluation of hepatocellular dysfunction and extracellular matrix alteration in mice infected with *Schistosoma mansoni*

[Speaker Abstract](#)

13:20-13:50 **Selected oral communication - Kim Midwood** (Imperial College London, UK)

Tenascin-C regulates fibroblast migration within 3D fibrin-fibronectin matrices

[Speaker Abstract](#)

13:50-14:40 **Lunch and poster session**

Tumor/Stroma interactions

Chair

Colby Eaton (University of Sheffield, UK)

Tuesday 3 April 2007

14:40-15:20 **Paraic Kenny** (Lawrence Berkeley National Lab, USA)

3D extracellular matrix culture models of EGFR signalling and drug response

[Speaker Abstract](#)

15:20-15:50 **Selected oral communication - Neil Cross** (University of Sheffield, UK)

Bone marrow stromal cell-derived insulin-like growth factor (IGF) II enhances growth and survival of prostate cancer cells and potentiates androgen action.

[Speaker Abstract](#)

15:50-16:20 **Selected oral communication - Izabela Podgorski** (Wayne State University School of Medicine, USA)

Exploring New Roles for Cathepsin K in Prostate Cancer

[Speaker Abstract](#)

16:20-16:50 **Selected oral communication - Jaro Sodek** (University of Toronto, Canada)

Phagocytosis of collagen by fibroblasts and invading cancer cells is mediated by MT1-MMP

[Speaker Abstract](#)

16:50-17:00 **Announcement of poster prizes**