PROGRAMME SCHEDULE

Monday 30th March

11.00 – 12.40  Registration

12.45 – 1.00  Welcome and Introductory Remarks (Kim Midwood)

1.00 – 2.30  Session 1 – Cancer: the metastatic niche and the cancer stem cell
  Chairs: Karl Kadler, Claire Mennan

  1.00 – 1.30  Janine Erler (University of Copenhagen, Denmark)
  *Matrix remodeling during cancer progression*

  1.30 – 1.45  Elena Pasko (University of Toronto, Canada)
  *Expression of lysyl oxidase-like 1 is mediated by integrin alpha11 in non-small cell lung cancer*

  1.45 – 2.00  James Hutchenerreuther (Western University, Canada)
  *CCN2 expression by tumor stroma is required for melanoma metastasis*

  2.00 – 2.30  Giulia Taraboletti (Mario Negri Research Institute, Italy)
  *Thrombospondin-1 type III repeats in tumor angiogenesis and response to therapy*

2.30 – 4.00  Poster Session & Trade Stands with tea/coffee
  (2.30 – 3.00  AGM)

4.00-5.30  Session 2 – Development
  Chairs: Linda Troeberg, Hamish Gilbert

  4.00 – 4.30  Frank Zaucke (University of Cologne, Germany)
  *The role of matricellular proteins in skeletal development and disease*

  4.30 – 4.45  Oleksandr Nychyk (UCL Institute of Child Health, UK)
  *The role of proteoglycans in the initiation of neural tube closure*

  4.45 – 5.00  Simone Scilabra (Center for Neurodegenerative Diseases, Germany)
  *Development of a T3TRAP to increase levels of TIMP-3 in the tissue*

  5.00 – 5.30  Kurt Hankenson (University of Pennsylvania, USA)
  R-spondins, novel matricellular regulators of Wnt-signaling and bone formation

5.30 – 6.15  Fell Muir Lecture and Presentation
  Professor Bjorn Olsen
  (Harvard School of Dental Medicine, Harvard Medical School, USA)
  *Novel insights into regulatory mechanisms of skeletal and connective tissue development and homeostasis – lessons from studies of rare disorders*
  Chair: Ray Boot-Handford

6.15 – 7.00  Posters and drinks reception

7.00 – late  Conference Dinner
Tuesday 31st March

9.00–10.30 Session 3 – Inflammation and Immunity
Chairs: Anna Piccinini, Angela Tam

9.00 – 9.30
Stephane Heymans (Maastricht University Medical Center, Netherlands)
*Osteoglycin and SPARC (osteonectin) modulate cardiac inflammation and fibrosis in the failing heart*

9.30 – 9.45
Michal Dudek (University of Manchester, UK)
*Catabolic cytokines disrupt the circadian clock in cartilage and intervertebral disc via an NFκB-dependent pathway*

9.45 – 10.00
Benjamin Owens (University of Oxford, UK)
*Coordinate regulation of inflammatory responses by ILC3 and gp38+ colonic stromal cells during chronic intestinal inflammation*

10.00 – 10.30
Dave Thornton (University of Manchester, UK)
*The neglected matrix: mucins in immunity in the lung and intestine.*

10.30 – 11.15 Tea/Coffee & Biscuits (Posters & Trade Stands)

11.15–12.45 Session 4 – Open session (Junior Investigators and Postdocs)
Chairs: Ray Boot-Handford, Erlen Lugo

11.15 – 11.30
Andrew Hellewell (University of Bristol, UK)
*Unravelling the Molecular Mechanisms of Thrombospondin Extracellular Matrix Deposition*

11.30 - 11.45
Jamie Soul (University of Manchester, UK)
*What is going on in damaged and intact cartilage in an OA joint? Systems analysis of chondrocyte transcriptome with incorporation of gene-phenotype associations.*

11.45 – 12.00
Matt Fenech (Norwich Medical School, UK)
*Metalloproteinases and their tissue inhibitors - roles in adipose tissue remodelling and whole-body lipid distribution*

12.00 – 12.15
Lorna Mullen (University of Manchester, UK)
*Pathway for intracellular degradation of mutant collagen X is specified by the particular mutation.*

12.15 – 12.30
Josephine Morris (University of Bristol, UK)
*Creation of an eGFP labelled Collagen I transgenic zebrafish*

12.45 – 2.15 Lunch (Posters & Trade Stands)
2.15 – 3.45  **Session 5 – Targeting the extracellular niche in disease**
**Chairs:** Jelena Gavrilovic, Thomas Cox

2.15 – 2.45  *Jack Lawler (Harvard Medical School, USA)*
_The effect of thrombospondin-1 (TSP-1) on vascular endothelial growth factor (VEGF) in endothelial cells and epithelial ovarian cancer cells_

2.45 – 3.00  *Yunus Luqmani (Kuwait University, Kuwait)*
_Promotion of invasion by growth factor mediated signaling in estrogen receptor depleted endocrine resistant breast cancer cells_

3.00 – 3.15  *Richard Stratton (Royal Free Hospital, UK)*
_Multiplex cytokine analysis of dermal interstitial blister fluid provides insight into local disease mechanisms in systemic sclerosis_

3.15 – 3.45  *Dario Neri (Swiss Federal Institute of Technology, Zurich)*
_Armed antibodies for the targeting of extracellular matrix Components_

3.45 – 4.00  **Prizes and Close of Meeting**

4.00 – 7.00  **BSMB Committee meeting**