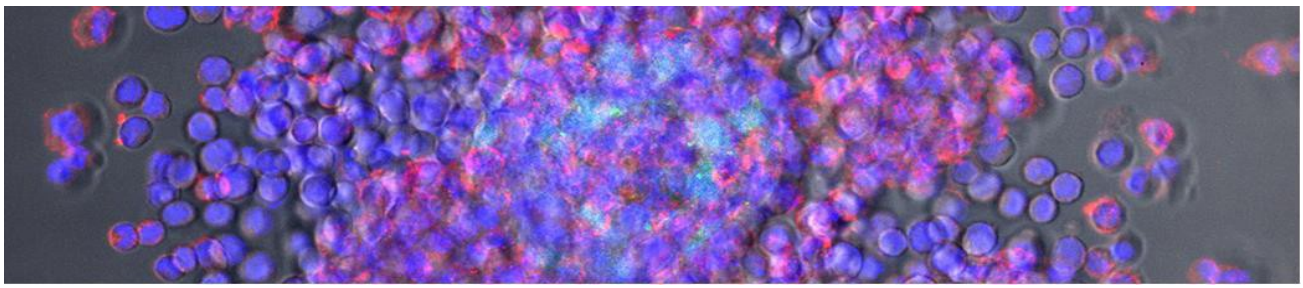

DAY 1: Wednesday September 10th 2014

Time	Speaker	Topic
8:45 am	Dr Mike Doran + Prof Adrian Herington	Welcome and housekeeping announcements
8:50 am	Prof Ian Frazer	Welcome to the Translational Research Institute
9:00 am	**Plenary Session 1: Are Mesenchymal stromal cells really non-immunogenic? Chair: Prof Kerry Atkinson**	
9:00 am	Prof Frank Barry	*The host response to allogeneic mesenchymal stromal cells*
10:00 am	Prof Geoff Hill	*Cytokine inhibition in transplantation: coming of age.*
10:30 am	Coffee and Trade Displays. **PhD Poster Session.**	
10:50 am	**Session 2: Manufacturing mesenchymal stromal cells and their use in clinical trials Chair: A/Prof Kiarash Khosrotehrani**	
10:50 am	Sponsor session - Eppendorf	
11:00 am	Prof Kerry Atkinson	*The biology, isolation and clinical application of mesenchymal stromal cells derived from term placenta*
11:30 am	Dr Peter Hopkins	*Pulmonary applications of stem cell therapies*
12:00 pm	Dr Mark Young	*The use of allogeneic mesenchymal stromal cells for treatment-refractory Achilles tendinopathy*
12:30 pm	A/Prof Damien Harkin	*MSC-based therapies for repairing the cornea*
1:00 pm	Lunch, Poster Displays and Trade Displays	
2:00 pm	**Session 3: The biology of MSCs, skin stem cells and endothelial cells Chair: Dr Mike Doran**	
2:00 pm	Dr Joan Li	*Endogenous kidney mesenchymal stem cells show compartment-specific epithelial potential*
2:30 pm	A/Prof Kiarash Khosrotehrani	*Endothelial progenitors: Myth or reality*
3:00 pm	Coffee, Trade Displays and Posters	
3:20 pm	**Session 4: Pluripotency Chair: A/Prof Caroline Gargett**	
3:20 pm	Sponsor session - Millenium	
3:30 pm	Dr Larisa Haupt	*Neural lineage potential of human mesenchymal stem cells – can we manipulate lineage fate?*
4:00 pm	A/Prof Ernst Wolvetang	*Human induced pluripotent cells as tools to study neurological diseases*
4:30 pm	Prof Ed Stanley	*Genetically tagged pluripotent stem cells to study pancreatic differentiation in vitro*
5:00-7:00 pm	**Eppendorf Welcome Reception**	

DAY 2: Thursday September 11th 2014

Time	Speaker	Topic
7:45 am	Dr Mike Doran	Welcome and housekeeping announcements
8:00 am	**Plenary Session 2: The role of mesenchymal stromal cells in the treatment of heart disease** **Chair: Prof Kerry Atkinson**	
8:00 am	Prof Joshua Hare	*The impact of MSCs on cardiac disease*
9:00 am	**Session 5: MSCs and cancer models** **Chair: Prof Kerry Atkinson**	
9:00 am	Sponsor session - Miltenyi Biotec	
9:10 am	Prof Gail Risbridger	*Cancer associated fibroblasts and prostate cancer stem cells*
9:40 am	Prof Dietmar Hutmacher	*Applying bone tissue engineering in combination with haematopoietic stem cells in humanised mice*
10:10 am	Coffee and Trade Displays. **Postdoctoral Poster Session.**	
10:30 am	**Session 6: Preclinical models using MSCs** **Chair: Dr Mike Doran**	
10:30 am	A/Prof Caroline Gargett	*Human endometrial MSC and novel meshes as an autologous cell-based therapy for pelvic organ prolapse (POP)*
11:00 am	Dr Jessica Frith	*Manipulation of extracellular cues to direct mesenchymal stem cell fate for regenerative medicine*
11:30 pm	Prof Yin Xiao	*Mesenchymal stem cell identity and recruitment during osteogenesis*
12:00 pm	Lunch; Poster Displays and Trade Displays	
1:00 pm	**Session 7: Bone engineering with HSCs, the epigenetics of MSCs and the derivation of MSCs from canine iPSCs** **Chair: Prof Ed Stanley**	
1:00 pm	Dr Dimitrios Cakouros	*Histone lysine methyltransferases/demethylases and their emerging role in mesenchymal stem cell lineage determination*
1:30 pm	Dr Deanne Whitworth	*Derivation of mesenchymal stem cells from canine induced pluripotent stem cells by inhibition of the TGFβ/Activin signaling pathway*
2:00 pm	**Session 8: Pluripotency** **Chair: Dr Mike Doran**	
2:00 pm	Dr Rebecca Pelekanos	*Small molecule mesengenic induction of human induced pluripotent stem cells to generate mesenchymal stem/stromal cells*
2:30 pm	Dr James Hudson	*Formation of heart muscle directly from embryonic and induced pluripotent stem cells*
3:00 pm	Coffee, Trade Displays and Posters	
3:30 pm	**Plenary Session 3: The immunobiology of mesenchymal stromal cells and their role in the treatment of graft-versus-host disease** **Chair: Dr Mike Doran**	
3:30 pm	Prof Katarina Le Blanc	*Bringing mesenchymal stem cells into the clinic*
4:30 pm	**Prize Awards and Closing remarks** Dr Mike Doran	