

<b>Programming Stem Cells for Bone, Blood, and Cartilage Regeneration: Current State and Future Prospective</b>		
<b>SuTEN Symposium, Aug. 27-29 2012</b>		
<i>Official opening by Her Excellency Professor Marie Bashir AC CVO</i>		
<i>Convenor: Hala Zreiqat and Dennis Discher</i>		
<b>DAY 1</b>	<b>27-Aug-12</b>	
<b>2:00-5:00 PM</b>	<b>Early Career Researcher Workshop (How to progress in your academic career?)</b>	
	<i>Chairs: Kara Spiller, Jae-Won Shin, Zufu Lu, Guocheng Wang</i>	
<b>LOCATION</b>	<b>Room 124 SIT Building J12</b>	
<b>2:00-3:00 PM</b>	<b>Free communication</b>	
<b>3:00-5:00 PM</b>	<b>Panel discussion (career planning, grant application, promotion, etc.)</b>	
<b>Mentors:</b>	Dennis E. Discher (University of Pennsylvania, USA)	Judy Black (University of Sydney, Australia)
	Vicki Rosen (Harvard University, USA)	Levon Khachigian (University of New South Wales, Australia)
	Carol Armour (University of Sydney, Australia)	Sarah Heilshorn (Stanford University, USA)
<b>DAY 2</b>	<b>28-Aug-12</b>	
<b>LOCATION</b>	<b>Darlington Center</b>	
<b>8:00 AM</b>	Arrival Desk Open	
<b>8:40 AM</b>	Arrival of the Chancellor and Group photo taken	
<b>9:00 AM</b>	<b>Welcome and Opening Remarks: Hala Zreiqat- Founder and Chair of SuTEN</b>	
<b>9:05 AM</b>	<b>Official opening by the Chancellor Professor Maree Bashir</b>	
<b>9:10 - 12:30 AM</b>	<b>SESSION 1: Keynote speakers: Programming Stem Cells for Bone and Cartilage Regeneration</b>	
	<i>Chairs: Tony Weiss</i>	
9:10 - 9:40 AM	Dennis E. Discher (University of Pennsylvania, USA)	Nuclear readouts of Microenvironment: from Bone to Blood Stem Cells
9:40 - 10:10 AM	Vicki Rosen (Harvard University, USA)	BMP2 links appositional bone growth and fracture healing
10:10 - 10:35 AM	Hala Zreiqat (University of Sydney, Australia)	Purely synthetic approaches to Bone regeneration
10:35 - 11:00 AM	<b>Morning Tea and Trade Displays</b>	
	<i>Chairs: David Sonnabend</i>	
11:00 - 11:30 AM	Andrew Carr (Oxford University, UK)	Mechanisms in human tendon failure; opportunities for regenerative medicine and stem cell therapies
11:30 - 12:00 AM	Peter Croucher (Garvan institute, UNSW, Australia)	Stimulating bone repair – learning lessons from cancer
12:00 - 12:30 AM	Sarah Heilshorn (Stanford University, USA)	Design of Protein-Based Biomaterials for Skeletal Tissue Engineering
<b>12:30 - 1:30 PM</b>	<b>Lunch and Industry Sessions</b>	
<b>1:30 - 5:15 PM</b>	<b>SESSION 2: Mucculoskeletal tissue regeneration</b>	
	<i>Chair: Markus Seibel &amp; Kara Spiller</i>	
1:30 - 1:55 PM	Pamela Yelic (Tufts University, USA)	Progress and challenges in Tooth Tissue Engineering
1:55 - 2:20 PM	Chris little (The Kolling Institute, Australia)	Challenges encountered in Cartilage regeneration
2:20 - 2:40 PM	Murugan Ramalingam (University of Strasbourg, France)	Impact of gradients on stem cell screening and interface tissue engineering
2:40 - 3:15 PM	<b>Afternoon Tea and Trade Displays</b>	
3:15 - 5:15 PM	<b>Early-career presentation section (12 x 10 mins presentations by early-career researchers)</b>	
	<i>Judges: Dennis Disher, Pamela Yelick, Levon Khachigian, Sarah Heilshorn, Vicki Rosen, Markus Seibel &amp; Carol Armour</i>	
<b>DAY 3</b>	<b>29-Aug-12</b>	
<b>8:55 AM</b>	<b>Welcome and introduction for Day 3</b>	
<b>9:00 - 11:50 AM</b>	<b>SESSION 3: Cells, molecular signals and tissue regeneration</b>	
	<i>Chair: Jiake Xu &amp; Zufu Lu</i>	
9:00 - 9:20 AM	Jagdeep Nanchahal (Oxford University, UK)	Modulation of fracture healing by pro inflammatory cytokines
9:20 - 9:40 AM	Hong Zhou (ANZAC Institute, University of Sydney, Australia)	Osteoblast control lineage commitment of mesenchymal progenitors through Wnt signalling
9:40-10:00 AM	Margaret Smith (The Kolling Institute, Australia)	Stem cells and tendinopathy
10:00 - 10:30 AM	<b>Morning Tea and Trade Displays</b>	
10:30 - 11:50 AM	<b>Early-career presentation section (8 x 10 mins presentations by early-career researchers)</b>	
	<i>Judges: Dennis Disher, Pamela Yelick, Levon Khachigian, Sarah Heilshorn, Vicki Rosen, Markus Seibel &amp; Judy Black</i>	
<b>11:50 - 1:10 PM</b>	<b>Lunch and Industry Sessions</b>	
<b>1:10 - 3:00 PM</b>	<b>SESSION 4: Haematopoietic and vascular regeneration</b>	
	<i>Chair: John Rasko &amp; Jae-Won Shin</i>	
1:10 - 1:40 PM	Ben Chong (University of New South Wales, Australia)	From stem cells to blood cells: Making platelets in a flask
1:40 - 2:10 PM	Georg Grau (University of Sydney, Australia)	Angiogenesis and tissue remodelling
2:15 - 3:00 PM	<b>Early-career presentation section (5 x 9 mins presentations by early-career researchers)</b>	
	<i>Judges: Dennis Disher, Pamela Yelick, Levon Khachigian, Sarah Heilshorn, Vicki Rosen, Markus Seibel &amp; Judy Black</i>	
<b>3:00 - 3:30 PM</b>	<b>Afternoon Tea and Trade Displays</b>	
<b>3:30 - 5:00 PM</b>	<b>SESSION 5 General discussion of translation from bench to bed, and industrialization</b>	
	<i>Chair: Andres Haugren</i>	
3:30 - 4:00 PM	Thomas Schaefer (University of Pennsylvania, USA)	Large Animal Models for Translational Orthopedic Research
4:00 - 4:30 PM	Vicki Rosen (Harvard University, USA)	The challenge of transforming exciting discoveries into useful therapeutics for tissue regeneration
4:30 - 5:00 PM	Davood Tashayyod (Coulter Foundation, Drexel University)	Coulter translational research partnership model